US Depærtment of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

	Form Approved
	OMB No. 2120-0020
	For FAA Use Only
j	Office Identification
	SWOI KR

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions

and dispo	osition of this form. such violation (Sec	This report is required tion 901 Federal Avia	d by law	/ (49 U.S.C. 1421). Fa	ilure to re	port can result in a	civil pena	Ity not to exc	eed \$1,000
.	Make				Model			,	
1. Aircraft		AN			<u> </u>	G-73			
					Nationali		C. Certificate No. C. Certificate No. C. Certificate No. C. Certificate No. A & P On the reverse or attachment ations and that the information and that the information and the manner prescribed in the manner prescribed.		
			415141	. •	1 11		·		
Serial No. J-14 Name (As shown on registration certificate) CANYON DE CHELLY MOTEL INC. 1619 FLORA VISTA ALBUQUERQUE NM 3. For FAA Use Only The data identified herein compiles with the almosted directive dairrout subject directive dairrout d	ertificate)								
2. Owner	CANYO	N DE CHELLY	EL INC.	1619 FLORA VISTA DR SW ALBUQUERQUE NM 87105					
				3. For FAA Use O	nly			<u> </u>	
					airv des pen	worthiness requirement cribed aircraft, subject son authorized by FAI	its and is ap	proved for the al nity inspection	bove
				4. Unit Identificati	an ·	NO-1-500 /2/0	S/9 S /	Lacy No Edect	J-Kay
Unit		Make		Model			_	1 '	Alteration
AIRFRAME		······································	As desc	cribed in Item 1 abov	/e) -				xx
POWERPLAN	NT							-	
PROPELLER									
	Туре								
APPLIANCE	Manufacturer								
			<u> </u>	Conformity States				l	
A. Agency's	s Name and Addre						C Certi	ficate No	-
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o Hamo a	33		7777		:	C. Ceru	ilcate Ivo.	
		[15.5. 557					
							A	. & P	
ALBU	QUERQUE, 1	M 87123		Manufacturer		•			<u></u>
have b	been made in accol	rdance with the requir	rements	of Part 43 of the U.S	n 4 above a S. Federal	and described on the Aviation Regulation	ne reverse ons and th	or attachmer at the inform	nts hereto ation
Date	,			Signature of Author	ized Indi	vidual	7		
DECE	MBER 05, 1	L995		S	DANTE	LW. POLI	OW		
			7. Ap	proval for Return To	Service				
Administr	rator of the Federal	iven persons specifie Aviation Administrat	d belov	w, the unit identified is MAPPROVE	in item 4 D□R	EJECTED	the man	ner prescribe	ed by the
[] Ir		Manufacturer	x	Inspection Authorize	ation	Other (Specify)			
F				Canada Airworthine	ss Group				
Date of App	roval or Rejection	Certificate or Designation No.		Signature of Autho) /	1	
DECEM	BER 7 1995	IA III		DANÍ:	ÉL W.	POLI			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

DECEMBER 05, 1995

N2954 s/n J-14

- 1. Installed Darton Clean Kit on both engines to assist with reducing possibility of hydraulicing the engines on start up and to reduce the engine oil lost during periods of inactivity.
- 2. Oil shut-off valves were installed in accordance with the Darton G-73 Installation Manual. These oil shut-off valves are the same type of valve used in Transport Category Aircraft such as the DC-3, DC-4, Convair 340, etc. The system is set up to allow for the use of indicator lights giving a positive indication of the valves position. (open/closed in transit). A red light for closed and a green light for open is used, a brighter illumination of the respective light indicates the valve is in transit.
- 3. In order to remove the approximately 1.5 gallons of oil that accumulates in the lower sump and rocker cover cavities, a scavenge pump system is incorporated. The electric scavenge pump is an external pump that through a system of hoses and check valves pumps the accumulated oil from the lower sump into the engine oil tank. The engine oil sump plugs were modified to incorporate this feature but in no way interrupts the flow of oil returning to the tank while the engine is running. The electric scavenging system is only in operation after the engine has been shut down and is controlled by switches in the cockpit.
- 4. A Pre-oil System has been installed to provide a positive oil flow to the engine oil galley prior to engine start. The electric Pre-oil pump is an external pump that through a system of hoses and check valves pumps oil from the oil tank into the engine oil galley. An engine oil line was modified to incorporate this feature but in no way interrupts the flow of oil while the engine is running. The pump is controlled with switches mounted in the cockpit and has a indicator light to indicate when the system is in operation.
- 5. The installation of the Clean Kit and the Pre-oil System is done as per instructions in the "Darton G-73 Installation Manual." The work is performed using acceptable practices as outlined in AC 43.13-1A and standard techniques used in the aviation industry.
- 6. The aircraft was weighed after installation, weight and balance records and equipment list updated to show changes.

END

RECEIVED

JAN - 3 1998

ABQ FSDO

or transpor	totion	MAJOR I (Airframe, Pov	REPAI verpla	R AND ALTERAT	ION Ppliance)		Pproved No. 2120-002 For FAA U	d Only
(Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9. FAR 43. Appendix B. and AC 43.9-1 (or subsequent and disposition of this form. This report is required by faw (49.U.S.C. 1421). Failure to report can result in a disposition of this form. This report is required by faw (49.U.S.C. 1421). Failure to report can result in a for each such violation (Section 901 Federal Aviation Act of 1958). Make GRUMMAN					874	SWED Plion		
and disp for each	osition of this such violation	form. This report is re (Section 901 Federal	ee FAR equired al Aviatio	43.9, FAR 43 Appendix 8. by law (49,U.S.C. 1421). F	and AC 43.9-1 (or subse	quent revisio	on thereof) fo	rinstruct
1	Make			on Act 01 1958).			maily not to e	xceed \$1
1				·			٠,	
 					Nationality and Regist	ration Mark		<u> </u>
2 0								
L. Owner	CAN	YON DE CHELLY	MOTE	L INC.	TOTA LOSS A	TSTV DD	GR	
 				3. For FAA Use On				
1	4			Use On	"The data identified t	erelo como K		
	· · · · · · · · · · · · · · · · · · ·		i v No d		described aircraft, sui person authorized by	piect to confort FAR Part 43, S	proved for the a	cable bove by a
 	7,	c		4. Unit Identification	Districtions	-	Karın	D. Ra
Unit		Make			n Dat	ब <u>आक्रायाग्रह</u>	S. YUBBUT	7
	1.			Model	Serial	No.	Repair	Altera
AIRFRAME		*******	⊶(As d	escribed in terms				
	 	· · · · · · · · · · · · · · · · · · ·			***********	~~	1	xx
POWERPLANT		a talenda						
·		2. 5. 2.40	1	1111111		Z		
PROPELLED			1-	A CONTRACTOR OF THE PARTY OF TH		5.4		
								:
	Туре			<u> </u>		· (FD	l	
APPLIANCE		**				-4:L1		
	Manufacture	•	7			الأميري		
						15.5	٠,	
. Agency's Na	me and Addre	PSS		6. Conformity Statement	1 7 7 7 7		<i>J</i>	
DANIEL W	POTT			B. Kind of Agency		C. Certific		
ALDIDIO	RD NE	•		U.S. Certificated Me	chanic	O. Certinic	ate No.	
VITOO & OF H	SOE NW.	87123		Certificated Repair S	Mechanic		k k P	·' ,
D. I certify tha	I the renair an	d/o		Manufacturer				
have been i	made in accor	door alteration made rdance with the requi	to the un	nit(s) identified in item 4 at	bove and described	<u> </u>		
	_		of my			he reverse or ons and that	attachments the informat	hereto ion
	RY 16, 19			Signature of Authorized	POLI TOG			• ;
ursuant to the	authority on	VPD Decens	7. Ap	proval for Return To Serv t, the unit identified in its APPROVED	ice	,		
oministrator o	f the Federal	Aviation Administrati	d below	the unit identified in its	em 4 was inspected in	100		
		Manufacturer	X	Inspection Authorization	Other (Specify)	ine manner	prescribed	by the
FAA De		Repair Station		Person Approved to				
of Approval o		Certificate or Designation No.		Canada Airworthiness Grou Signature of Authorized In	ın l			
C								,
8 - /4 - 9 Form 337 +12-81		TA 5859444		The state of the s	Man /	\		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)

FEBRUARY 16, 1995

N2954 s/n J-14

- Installed Janitrol Aircraft Heater system into this aircraft. Installation meets requirements of FAR 23.859, Paragraphs a through i. Heater assembly is installed horizontally in aft baggage compartment from brackets attached to stringers and side skin. Plumbing done in accordance with AC43.13-1A, Chapter 14 Section 2, Paragraph 709, a through f. The plumbing installation for fuel supply is from the right main fuel strainer, along right leading edge then along the right side of the fuselage. The fuer supply line routing is the same as the original heater installation. The heater fuel pump and regulator/shutoff valve are installed in a sealed aluminum box mounted to the aft side of the forward baggage compartment bulkhead. The heater drains and fuel pump box drains are all vented to outside the aircraft skin. All wiring is run along existing bundles in accordance with AC43.13-1A, Chapter 11, Section 7, Paragraphs 514, 516, 519. The new wiring was installed in the same locations as the original wiring, from the circuit breakers and switches in the overhead panel along the right side of the fuselage into the aft baggage compartment. Stainless steal and flexible aluminum ducting is installed through the bulkheads under the floors in the same locations as the original ducting and outlets. The stainless steel heater exhaust is vented and sealed to the outside aircraft
- 2. FAA approved flight manual supplement dated AUn it is required for this approval.
- 3. Aircraft weight & balance and equipment list updated to show current configuration.

Additional Sheets Are Attached

	ÚS	DEPARTMENT OF T	RANSPOR	TATION PATION	•	Budget	Bureau No		
							OR FAA		· -
e e e e e e e e e e e e e e e e e e e	MAJOR	REPAIR AN	D ALI	ERATION		Ι-: Λ::	IDENTIFIC		
	(Airframe, Po	werplant, Pro	pelle	, or Applia	rco)		o FSI		
NSTRUCTI	ONS Print or type	all entries. See of this form.	FAR 43	9, FAR 43 App		.C 43.9-1 (of si	psequent	SAIMOU LUI	reot)
	MAKE			·	MODEL	G- 73			
AIRCRAFT	GRLMMAN				NATIONALID	AND REGISTI	ATION M	RK	
AIRCRA!	SERIAL NO J- 14	•			U.	S.A. N29	54	J=: 5	
	NAME (As shown on	registration certifi	cate)		ADDRESS (A	shown on regist	ration certif	icote)	
OWNER	WALKER'S AVI				700 S.W	. 34th SIR	eet		
VIVILLE	WALKER'S AVI	ATION SERVE		FOR FAA USE O	FT IAUD	ERDALE FL	33315	-	
		is .	3.	FUR PAR USE U	471				-
•	ē					• •			•
-,					- Č				
	*		i		1965 - 256 1868 - 196				
×.						á.	-	•	. 4
· · · · · · · · · · · · · · · · · · ·			MIT INC	TIFICATION	364			5	TYPE
		4. U	RII IULI			SERIAL	NO.	}	ALTER-
UNIT		and the same of th		MODEL		BERIAL		EDAIR	ATION
						1.6			
IRFRAME	*******		(As desc	ribed in item 1	abare) esesses	*********	₩ &	Х	
<u> </u>								1	
							. ~		
OWERPLANT		and the second second		·				 	
	Julian Barrier		1		(1)			1	
PROPELLER			70.5		- 꽃			14.	
	<u> </u>		+					1 0	1
	TYPE	• •	1		÷.		· .	1	1
APPLIANCE	MANUFACTURER		4		\$				1
			1		Ž.		6 	ــــــــــــــــــــــــــــــــــــــ	ــــــــــــــــــــــــــــــــــــــ
			6.	CONFORMATY ST	TEMENT	<u> </u>	1 6 6	ERTIFICAT	NO.
A.	AGENCY'S NAME	AND ADDRESS			KIND OF AGE		1		
	RITIS YEAGLE				ENTIFICATED MECH		1		
	768 N.W. 29t	h CI			D EPAIR STATIO		222	8817	
· σ	RAI. SPRINGS	FL 33065		MANUFACT	URERY)		<u> </u>		
D. I certif	that the repair a	nd/or alteration	made to	the unit(s) it	entified in ite	m 4 above and 43 of the U.S.	described Federal A	on the re	verse o gulation
and the	ents hereto have b	furnished herein	true s		//				
DATE				SIGNATURE	OF AUTHORIZZ			٠.	
M	RCH 18, 199	ر ماري (3	ar i - i	11/11	سنب 🞉 🖊	Tank T	(Π, \mathbb{C}) if		
			A9991	VAL FOR RETU					
	- she sushed	en nessons snevid	ed below	v. the unit idea	nified in item	was inspected	in the ma	nner presc	ribed by
the Admin	o the authority giv istrator of the Fede	ral Aviation Adm	inistratio	n and A	IPPROVED [REJECTED			
	A RT. STANDARDS	MANUFACTURES		INSPECTION AUT		OTHER (Specify)	1.7 p. 1		
	SPECTOR		X	CANADIAN DE	ARTMENT	4		•	
~ 1	M DESIGNEE	REPAIR STATION		OF TRANSPORT	INSPECTOR		on Circ	in a train	
	حليينين	CERTIFICATE C		SIGNATURE	OF AUTUCAUZ	ED INDIVIDUA		1	100
DATE OF A REJECTION	PPROVAL, OR	DESIGNATION	NO.	100	/	A STATE OF THE STA	100		
				コンプルンパリノ	_				
	CH 18, 1993	2228817	-			- المنافقة		-	(8320

d

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An applicable airworthiness requirements.

	5 .		ed, attach ado eted.)	
REPLACED NOSE KEEL CAP FWD OF	NOSE WHEEL I	Æ71. n.a. 107	120 tiemie e	
PRACTICES	144244	mm P/N 101	TOO OSTING ST	LANUAR
ta de la companya de	FAVO			•
	4.	2.5		
	. in			
	CEN.	A STATE OF THE STA	79.34	
	S and and	Contraction of		·, * .
in	ពិសាធាន សូរ៉ូន៍នើ			
				1.
				- 1
	A Committee of the Comm			i
	- The Control of the			1
1.				1
the second secon	a salah dalah d Managarah dalah		1.2	1
secular receive university of the me	(1986)	2 0044494	Mark Property	.
			والمراضية والمستوان	Ĺ
The state of the s	work.		MENT HE	- nr
Ale yar	trice the		and the second second	
			- C.	
				4
			Aylan Nama	
And the second s	L'E 10 007 012 1		Li Toku	
F) is the various (Marine Marine) and the service of the service o		arromatic.		- corprose
are a removative removative and a second		AN TIME	N SUSTA	Ĭ,
Section 1997 And Sectio		Carette ne deserti		in and
THE A. LAND		SUBSTITUTE A THE	Meirevier :	ዛን ኔፈ
TO THE STATE OF TH				
1 · 7		cher .	المنتقالة والمرادية الهارات أباسا	
Agustina de mante ante da Chushina de mante sur Angolas Mante de mante sur Angolas	ELECTION OF	Arrest Victor	=1 701 (1 1/1/12 (1)	នៃ ម៉ូតា
. The the same and the find all a	rai (Arrillia			
White it me with the	# Let rurks			14. 24. 3. 4.

2	
US Department of Transportation	
Federal Aviation Administration	١

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMP No. 2120-0020

For FAA Use Only
Office Identification
SO: 17. EWO

	Make			Model	G-73			
Aircraft	Grumman	•	<u> </u>	Matianalit	y and Hegistration	Mark		
Antiun	Serial No J-14		N 2954					
	Name (As shown on registration cer	tificate)	1.	Address (As shown on regist	ration ce	rtifi:ate)	
Owner	Walker's Aviation	Service	s, Inc.	700 S	.W. 34th S auderdale,		33315	
* *	1	3. Fc	T FAA Use C	nly				
: · · · · · · · · · · · · · · · · · · ·				*	***************************************	•		• •
		4. U	nit identifice	tion			5. Type	
Unit	Make		Model.		Serial No.		Repair	Alteration
IRFRAME		'As described	in Item 1 ap	ove)			х	
POWERPLANT				* . *				
ROPELLER			•					
APPLIANCE	Туре							
*	Manufacturer					- 1		100
			nformity Sta				10 d-1- Al-	
A Agency's	Name and Address		Kind of Ager			C. Ceri	ificate No.	
Curti	s Yeagle	X	U.S. Certifica					
	N.W. 29th Ct.	-		Repair Statio		1	2228817	
	Springs, FL 3306	5 —	Manufacture			1		1.0

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is X APPROVED REJECTED.

Other (Specify

11-30-90 FAA Form 337 12 681

11-30-90

FAA FIL Standards Inspector

FAA Designee Flate of Approval or Rejection Manufacturer Repair Station

Certificate or Designation No.

2228817

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

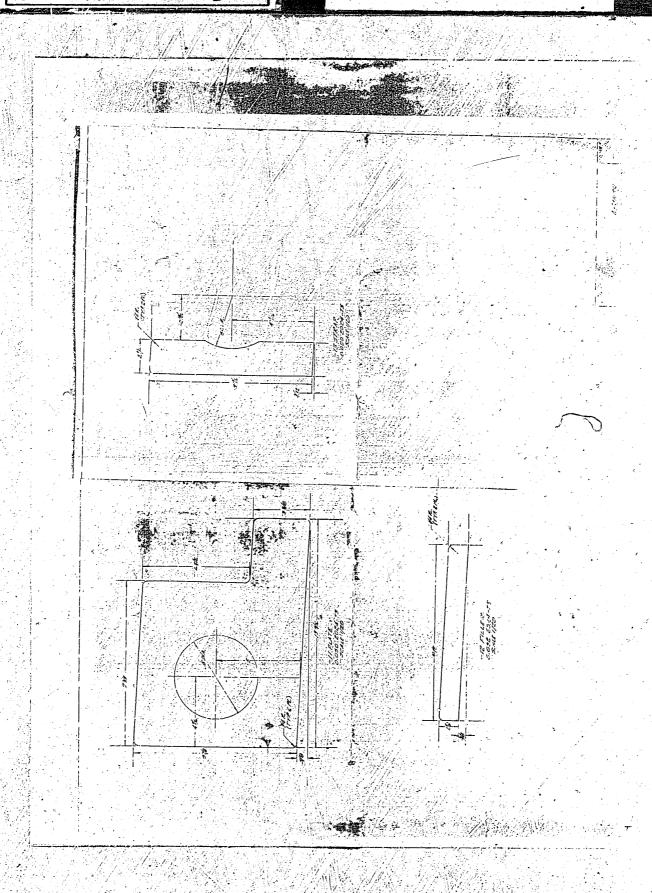
(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date work completed.)

Repaired corrosion on L/H wing aft box beam web between W.S. 107 and W.S. 125 I/A/W Aeronautical Engineering Inc. Drawing number AE 4833 (D.E.R. Approved)—using standard practices outlined in A.C. 43-13-1A.

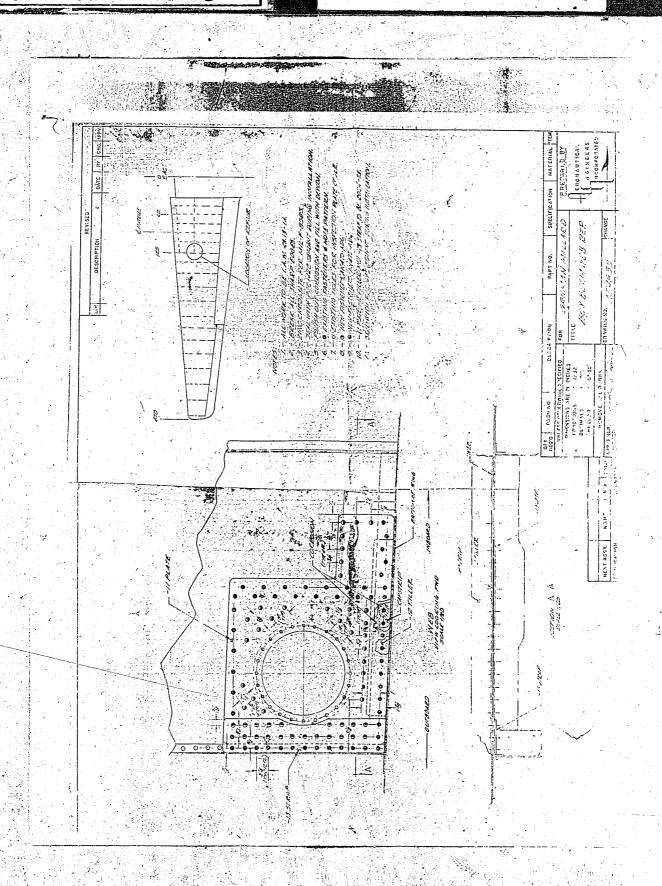
END

W.3. ET 1.05

Additional Sheets Are Attached



1 W A LANGE BOOK OF SECOND



<u> </u>	<u> </u>
Federal Autotion Administration INSTRUCTIONS: Print or and disposition of this for for each such violation (S Make Gr Serial No. Name (As s 2. Owner Walke	
0	and the same of the same
US Department of Transportation	(Air
Federal Aviation Administration	
and dispositi	on of this form
1. Aircraft	
	Serial No.
	Name (As sh
2. Owner	Walker
	majoration (All model and a majoration in the form and and a model
1	
Unit	
AIRFRAME	~

Manufacturer

0

MAJOR REPAIR AND ALTERATION Airframe, Powerplant, Propeller, or Appliance) Form Approved OMB No. 2120-0020

For FAA Use Only
Office Identification

AEA-1500-11

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix and disposition of this form. This report is required by law (49 U.S.C. 1421)	B, and AC 43.9-1 (or su	bsequent revision t result in a civil pena	hereot) for (ns ity not to exce	ed \$1,000
and disconition of this form. This report is required by isw (45 0.3.0. 172)	, randio is repaired			5.
for each such violation (Section 901 Federal Aviation Act of 1958).				

	Make Grumman	Model- G-73
1. Aircraft	Serial No.	Nationality and Registration Mark N - 2954
2. Owner	Name (As shown on registration certificate) Walkers Aviation Services Inc.	Address (As shown on registration certificate) 700 South West 34th Street Fort Lauderdale, Fla. 33315
	3. For FAA Use O	nty

Unit Make Model Serial No. Repair Alteration

AIRFRAME (As described in Item 1 above)

POWERPLANT

Type

Type

APPLIANCE

A. Agency's Name and Address
B. Kind of Agency

Empire Avionics Corp.

Building 15

Westchester County Airport

Whire Plains, N.Y. 10604

Conformity Statement

B. Kind of Agency

U.S. Certificated Mechanic

Foreign Certificated Mechanic

CRS 111-92

AX Certificated Repair Station

GC 1R 16 1K.

Manufacturer

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Signeture of Authorized Individual

PAA Designee XXX Repair Station Canada Airworthiness Group

Date of Approval or Rejection Certificate or Designation No. Signature of Authorized Individual Company o

FAA Form 337 (4-87).

Date

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets, identify with aircraft nationality and registration mark and date work completed.)

A KN-64 DME was installed. The DME is installed in the center instrument panel, in a place provided by the manufacturer. An RCA AVQ-75 DME system was removed.

The DME is protected by a circut breaker of a type reccommended by the aircraft manufacturer. Wire type and size was selected and installed in accordance with AC-43-13-1A, chapter 11, section 3, and AC-43-13-2A, chapter 2, paragraph 27. The units were installed and inspected using King installation manual part number 006-0144-04, revision 4, dated, December 1981, and AC-43-13-2A, chapter 2, paragraph 270.

December 1981, and AC-43-13-2A, chapter 2, paragraph 27D.

All work involving metal repair or alteration complies with AC-43-13-2A, chapter 2, sections 1 and 3, and paragraphs 128 and 429. Materials and practices comply with AC-43-13-2A, chapter 1 paragraphs 4 through 12. Hardware and material used conform to AC-43-13-1A, chapter 7, sections 1, 4 and 5.

An electrical load analysis was performed and loading meets the requirements of AC-43-13-1A, paragraphs 424 through 428, and AC-43-13-2A, paragraph 27. All affected aircraft systems were tested in accordance with AC-43-13-2A, paragraphs 10 and 21(A6), and it was determinded that there were no adverse effects of the state of the

were no adverse effects either to or from the newly installed equipment.

The equipment list is ammended and the new weight and balance computed and entered in the aircraft records in accordance with AC-43-13-1A, paragraphs 622 and 659, and AC-43-13-2A, chapter 1, paragraphs 9 and 12.

The state of the s

可能な 神経

RECEIVED

	80 6		and the property of	MAI 14	F: los0			
	MA:	JUK KEPAIR AND	ALTERATION	FEDERAL A	VIATIO			-
	Airrome	, Powerplant, Prop	MADDEL G-73 NATIONALITY AND REGISTRATION MARK N2954 ADDRESS (As shown on registration certificate) 700 S.W. 34th Street Ft. Lauderdale, FL 33315 3. FOR FAA USE ONLY SERIAL NO. BEFAIR A SERIAL NO. SERIAL NO. BEFAIR A S	71				
for instruc	cions and dispos	type all entries. See FA	IR 43.9, FAR.43 Appe		3.9 -	l (or subsequen	t revision	thereof)
1. AIRCRÁFT		rumman						
	SERIAL NO.	J-14		N29	54			,
2. OWNER		m on registration certificat		700 S.	W. 34tl	n Street	4 45	ŕ
	warker	s Aviation Service			uderda.	Le, FL 333	2T2	
							4 2	
		4. UNIT	IDENTIFICATION	5. ·	1		5.	TYPE
UNIT		MAKI	MODEL		5	ERIAL NO.	REPAIR	ALTER-
NIRFRAME	••••	*******	described in item 1 abi	ove)*******		•••••		Х
OWERPLAN	7					•		
ROPELLER	*							
	TYPE					54	1	-
APPLIANCE	MANUFACTURER							
	- 		. CONFORMITY STATEM	ENT			1	<u> </u>
Α.	AGENCY'S NAM	E AND ADDRESS	B. KIN	D OF AGEN	icy	c. cr	RTIFICATE	NO.
· ·	rtis Yeagle				uic	22200	17	
	768 N.W. 29	th Ct.	· 		110		Τ/.	
Co	ral Springs	FI. 33065	MANUFACTURER					
						and described of S. Federal Avis	n the reve tion Regu	erse or lations
ATE 5/1	9/90				MOIVIDU	AL.	: ,	
		7. APPI			1/0			7
Pursuant to	the authority giver trator of the Pede	ven persons specified belo eral Aviation Administrat	ow, the unit identified ion and is APPR	in item 4 ×		ed in the mann	er prescrib	ed by
	FLT. STANDARDS	MANUFACTURER	X INSPECTION AUTHORIZA	ATION	OTHER (Speci	N		
· IA	DESIGNEE	REPAIR STATION	OF TRANSPORT INSPEC					·
JECTION	PROVAL OR	CERTIFICATE OR DESIGNATION NO.			MUIVIDU	Jac.		
	9/90 337 /7 47	1 2228817	Curtis Ye	eagle/	9/1/			
- rom	337 (7-67)			- //	/		(8	1320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. In alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required; attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Whelen wing tip strobe lights in accordance with the manufacturers installation instructions and AC 43-13-1 Chapter 11, Sections 2, 3, 7 as applicable. Aircraft weight & balance and equipment list revised to reflect the above change.

SU FSPO 1

ADDITIONAL SHEETS ARE ATTACHED

FAA AC 72-4906

WU.S. GOVERNMENT PRINTING OF FICE: 1986-659-121/40260

FAA Form 337 (7-67)

	U.S DEPARTMENT OF TRANSPO	ORTATION	Form Approved Budget Bureau No. 04-R060.L.
	FEDERAL AVIATION ADMINIS		FOR FAA USE ONLY
4 (1) (1	MAJOR REPAIR AND AL		OFFICE IDENTIFICATION
	(Airframe, Powerplant, Propelle		30F5D0-17
INSTRUCT for instruction	IONS: Print or type all entries. See FAR 4.	3.9, FAR 43 Appendix B, and AC 43.	9-1 (or subsequent revision thereof)
AUBCRACT	MAKE Grumman	MODEL G-73	
. A!RCRAFT	SERIAL NO. J-14	N2954	
	NAME (As shown on registration certificate)		on registration certificate)
. OWNER	Walker's Aviation Servi	ces, Inc. 700 S.W. 3	dale. FL 33315
- 12	3. The state of th	FOR FAA USE ONLY	
The state of the s			
	4. UNIT IDE	NTIFICATION	5. TY 5
		MODEL	SERIAL NO. ALTER-
UNIT	MAKE		REFAIR ATION
AIRFRAME	As das	cribed in item 1 above) ************************************	* X
POWERPLANT			
PROPELLER			
ÁPPLIANCE	TOTAL CONTRACTOR OF THE PROPERTY OF THE PROPER		
APPLIANCE	MANUFACTURER		
-		CONFORMITY STATEMENT	
A.	AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
		X U.S. CERTIFICATED MECHANIC	
	Yeagle N.W. 29th Ct.	FOREIGN CERTIFICATED MECHANIC	2228817
	Springs, FL 33065	CERTIFICATED REPAIR STATION	. 2220017
attachm	that the repair and/or alteration made to ents hereto have been made in accordance t the information furnished herein is true a	with the requirements of rait 43 of t	the O.S. Lederal Aviation regulation;
DATE	the mornation farmished herein is true a	SIGNATURE OF AUTHORIZED INDI	
10 miles 20 miles 20 miles	/8/90	Man	
		VAL FOR RETURN TO SERVICE	
Pursuant to	the authority given persons specified below strator of the Federal Aviation Administration	, the unit identified in item 4 was it n and is APPROVED REJEC	respected in the manner prescribed by
PA	A FLT. STANDARDS MANUFACTURER XX	INSPECTION AUTHORIZATION OTHER	(Specify)
FA	A DESIGNEE REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF AF	DESIGNATION NO.	SIGNATURE OF AUTHORIZED IND	IVIDUAL
	/8/90 2228817		(#320)

(8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

DESCRIPTION OF WORK ACCOMPLISHED (If more spice is required, attach additional sheets. Identify with aircraft nationality and registration mark and data work completed.)

Replaced existing 43" x 8" fuselage skin section between F.S. 53-96 R/H side. This repair replaces the fuselage skin splined in a previous repair outlined on Form 337 dated 3-5-70 Repair material used is the same as original and work accomplished I/A/W AC 43-13-1, Chapter 2, Section 3. No change in Weight and Balance.

ADDITIONAL SHEETS ARE ATTACHED

FAA AC 72-4906

WU.S. GOVERNMENT PRINTING OF FICE: 1986-659-121/40260

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATE STANDARD AIRWORL HINESS CER	ION ADMINISTRATION
NATIONALITY AND 2. MANUFACTURER AND BOBEL 3. AIRCI	RAFT SERIAL 4. CATEGORY
2954 GRUMMAN CE 73	14 CAR(4)(a)
This airworthiness certificate is supported by the control of the	The satabilished by the Administrator, see Administrator, and alterations are
ATE OF ISSUANCE 2-29-56 EPLAGEMENT FAA REPRESENTING FAA REPRESEN	SO-62
any alterotion, reproduction, or misuse of this certificuse may be punishable by prisonment not exceeding 3 years, or both. THIS CERTIFICATE AUST BE DISPLANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.	a fine not exceeding \$1,000, or im- YED IN THE AIRCRAFT IN ACCORD-
FAA FORM 8100-2 (7-67) FORMERLY FAA FORM 1362	GPO:1967

	garagas (m. 1905) 1805 - Baran Barandari	Approximate the second			Je	
		DEPARTMENT OF THE			Form Approved Budget Bureau	No. 04-R060.1
Markey .	MÀJO		ND ALTERATION		FOR FAA	USE ONLY
	(Airframe,	Powerplant, P	ropeller, or Applic	nnee i	OFFICE IDENTIF	
INSTRI						00-62
for instr	MAKE	on of this form,	e FAR 43.9, FAR 43 Ap		9-1 (of subsequen	t revision thereof)
	Grumma	m		MODEL Mall	lard	เหมา์ ค. ก็ต่ำกั
1. AIRCRAF	SERIAL NO.			NATIONALITY AND		
·	J-14			N295		Andreas and the second
	NAME (As shown	on registration cert	ificate)			
2. OWNER	Walker's Ca	y Internatio	nal Airlines		th Street	
	- 		3. FOR FAA USE (lale, FL 33	310 _{(1,9),1} , ,
			3.00	in the section of the	. Carlonalitical	raj da raj i
		1.000 100	A Lucia de la		Sliedenbrack	ร้างมี Card Line
	.F			181119	rant kun juli 1882. Standardari sarat kan sarat ta	and the second of the second o
. •	e jegovina jesa	أأكسنا للمستعارة بالعم		Pro * C		
		allor to the said		THE TARGETY A		anzera en en la comitación de la comitac
		4. U	HIT IDENTIFICATION-	FEDERAL O SO	F	5. TYPE
UNIT	# 17 Jan	ANE	MODEL	AUMINISTRATION FS.D.O.	SERIAL NO.	ALTER
				FT. FS D ON DERDALE	(Genine 110.	REPAIR ATION
IRFRAME		***************************************	(As described in item)	S)	Žionaria ir ir ir	
			(ve cescribed to trem 1 (11 15 V	******	XX
					·	
OWERPLA	NT					
 .		•			·	
PROPELLER						
	TYPE:					
AFPLIANCE	MANUFACTURER					1.
	MAINT ACTURER					
			6. CONFORMITY STATE	ENENT		
A	. AGENCY'S NAME	AND ADDRESS		IND OF AGENCY	C. CE	RTIFICATE NO.
Walker'	s Aviation Se	rvices. Inc.	U.S. CERTIFIC	ATED MECHANIC		2
700 S.V	7. 34th Street			TIFICATED MECHANIC		
Ft. Lau	derdale, FL	33315	XX CERTIFICATED MANUFACTUR	REPAIR STATION		5-126
D. Least	iểu chao cha ann la co	4				
			ade to the unit(s) ider lance with the requirem true and correct to the			n the reverse or tion Regulations
ATE				AUPHORIZED INDIVI		16.
May	20, 1987		Douglas J	. HV		* ×
			3028290 0			•
Pursuant			APPROVAL FOR RETURN			
the Admir	istrator of the Feder	n persons specified al Aviation Admini	below, the unit identification and is XX API	ied in item 4 was insp PROVED REJECT	ected in the mann	er prescribed by
, F	AA FLT, STANDARDS	MANUFACTURER	INSPECTION AUTHO	OTHER /C.		
BY "	NEPECTOR	1	CANADIAN DEPART		•	
	AA DESIGNEE . TI XX	REPAIR STATION	OF TRANSPORT INS			
		 	OF AIRCRAFT			
	PPROVAL OR	CERTIFICATE OR	SIGNATURE OF	AUTHORIZED INDIVI	DUAL //	,
EJECTION	, 1987	CERTIFICATE OR DESIGNATION N	O. SIGNATURE OF	AUTHORIZED INDIV	lons (/·

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

- DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
- Removed Narco ADF-140 ADF system from aircraft.
- Installed II Morrow Loran, Model 604 P/N 420-0003-000, S/N 33773 in instrument panel in area of #2 Narco ADF-140 receiver unit.
- 3) Installed A-16 Loran antenna on top of fuselage just aft rear door.
- 4) Power requirements no change.
- Installation installed in accordance with AC43.13-IA and AC43.13-2A. 5)
- Test flight shows no RFI to existing equipment. 6)
- Log Books, Weight & Balance, and Equipment List revised to reflect the above 7) installations.
- System placarded "VFR" use only, not to be used for primary navigation. 8)
- 9) Unit complies with accuracy of AC90.45 and AC20.121.
- Stand alone system not integrated with aircraft instrumentation. 0)
- 11) Loading of newly installed equipment does not cause loading in excess of 80% of single engine operation.

- END -Fallet Magazia wala salahi lilikuwa 1881 Palipana Matalifi ya majalikuwa maja salahi Majat dan sasa Maja mana 1881 wa 1881 wa 1881 त्रीपृत्या भवन्त्रः इतिरोधिकविष्यारीयम् अस्ति। अस्तिम्बारिका भागवन्त्रस्य मुख् ADDITIONAL SHEETS ARE ATTACHED FAA AC 72-4908

± U.S. GPO: 1981 - 775-332/47

		JB		(3) 4.6	12				
		DEPARTMENT OF TRA	NSPORTA	ACO C	Sign	Fo	rm Approved idget Bureau N	7- 04 PO	A ***
		FEDERAL AVIATION A			SOF		FOR FAA	·	
1		OR REPAIR AN Powerplant, Pr			in E	OI OI	FICE IDENTIFIE	CATION	vi i i
INSTRUCT	IONS: Print or ty	pe all entries. See	FAR 4	3.9 19R 43 Appe	ndia B, ind	AC 43.9-1 (- \	hereof)
	MAKE				MODEL		- 11 a.		
1. AIRCRAFT	SERIAL NO.	n Mallard			NATIONALI	G-73 TY AND REC	ISTRATION M	ARK	· · · · · ·
	J-]					N2954	•		
2 OWNER	NAME (As shown on registration certificate) NAME (As shown on registration certificate) NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 700 S.W. 34th Street							ficate)	
		Jan Ichman		FOR FAA USE ON		derdale,	FL 333	15	
			-	TON THE OUT OIL				· · · · · ·	
•									
ą,				12.00					
	74.	4. UI	VIT- IDE	TIFICATION				5.	Ϋ́РЕ
UNIT	*	MKE	<u> </u>	MODEL		BERI	AL NO.	REPAIR	ALTER- ATION
AIRFRAME		***************************************	(As desc	ribed in Item 1 abo	DYB) 0000000		Mercangg r		X
	;	- <u> </u>	_017 712	ent : cheb s			, , , , , , , , , , , , , , , , , , , 	ļ. 	
POWERPLANT					žévit, a	Tagangan	i sy mij	2,00	
PROPELLER	4 10 10 11	omida ka k	င္မပ္ႏို	ក្រុំ គ្នា នៃ	nceep o	-\$. 64	r deg r is	1 5 1	
	TYPE	a i sa i jarah da	आ का	ich ba fig.	কুট্রম ভ	1. 1. 1.	to at the first	y 1 .	
APPLIANCE	TIPE .	กระบบสามารถ เมษายน (ค.ศ. 25 ค.ศ. 25		garana Çakesi eği eleşi	y.		*		
APPLIANCE	MANUFACTURER	agen systic.	ningia 1 17	n an chaile	ล่ในหยาย	· palare			
·			6. CI	DIFORMITY STATEM	ENT	Tara tara t		<u> </u>	
	AGENCY'S NAME		74	B. KIN	D OF AGEN	(CY	C. CER	TIFICATE	NO.
	Aviation Se 34th Street	rvices, Inc.	: ; <u> </u>	FOREIGN CERTIF		NIC	-		·
	rdale, FL	33315		X CERTIFICATED RE	PAIR STATION		7	05–126	
		nd/or alteration mi		the unit(s) identi			d described or	the reve	rse or
and that	the information f	urnished herein is	true and	d correct to the b	est of my ke	owledge.		ion wegn	шкопр
	Ac 188	ing in Polyk ∤ong gabagaga		SIGNATURE OF A	UTHORIZED	INDIVIDUAL		- ' ' ' ' ' ' ' ' '	
10 1	HC6 178		APPROV	41 500 050000 50	/ /		Douglas 1	Eby	
Pursuant to	the authority give		APPROV. below,		SERVICE in item 4 v	vas inspected	in the manne	r prescrib	ed by
	rator of the Feder FLT, STANDARDS	n persons specified al Aviation Adminis	tration	and is APPR		LEJECTED OTHER (Specify)		- Picottip	
	ECTOR	MANUFACTURER		INSPECTION AUTHORIZ	ATION		· · · · · · · · · · · · · · · · · · ·		
	DESIGNEE	REPAIR STATION	1 1	CANADIAN DEPARTME OF TRANSPORT INSPE OF AIRCRAFT		<u> </u>			
DATE OF APP		CERTIFICATE OR DESIGNATION NO	[5	SIGNATURE OF A		INDIVIDUA	4	100	
	28-86	705–126		James	M OLL		James M. 1	Rice	1
FAA Form 3	37 (7-67)			🔨 ja e ili i yada i				(8	320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8.	DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air- craft nationality and registration mark and date work completed.)
	Subject: Mallard G-73, S/N J14, N2954
	Removed King Weather Radar 1 ea. KWX40 - Sta. 23 1 ea. KT240 - Sta. 39 1 ea. KI240 - Sta. 103.5
 	Installed Bendix Color Radar ART-161A. 1 ea. Bendix 4001018-6106 - Sta. 23 1 ea. Bendix 4061294-2601 - Sta. 94
	Installation per Bendix manual No. 1.B.2160A, Part 2 and Walker's Aviation drawing No. 4209-004, with manufacturer's mounting adapters using existing structure; approved on previous 337 of June 17, 1986.
	Wire used in installation meets MIL spec M22759.
-	New radar does not cause power consumption in excess of 80% of rated max load.
	All work was accomplished using procedures set forth in AC 43.13-1A Chapter 5, section 1 and AC 43.13-2A Chapter 1, and Chapter 2. Equipment list revised - Note: Aircraft must be reweighed for new weight and balance.
	RND
*	The first of the control of the cont
	ADDITIONAL SHEETS ARE ATTACHED

	a ta 1871 - Till de liger Handa de la Lacardia de la Caractería	PEDERAL AVIATION A		and a land of	444.	Form Approved Budget Bureau l	No. 04~R0	. e. i
	MAJO	OR REPAIR AN	ND ALTERA	TION	13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	FOR FAA		LY
	OFFICE EDENTIFI	CATION						
INSTRUCT		Powerplant, Pr			and AC 43.9~1		revision t	hereof)
ior matracti	MAKE	on or this form,		MODE	L	0		
AIRCRAFT	Grumma	an Mallari		NATIO	G-73	EGISTRATION M	10v	
	J-	-14			N2954			
OWNER	1	on registration certif		700	55 (As shown or S.W. 34 S	registration certi	ficate)	
	warker a ca	y Air Termin		/ Ft.	Lauderdal	e, FL 333	315	
			J. PUIV.F	AA USE ONLY	- \ 			
			18	F. C. A.				
·	1	/ *						1
11117	T	* ***	NIT IDENTIFICA			· · · · · · · · · · · · · · · · · · ·	5.	TYPE
UNIT	*	AAKE .		MODEL	•	ERIAL NO.	REPAIR	ALTER
IRFRAME		·····/	(As described in	ı item-T-above) 🚧	_	•••••		ХХ
OWERPLANT	T	in no marginalis	ande 11 a	t has been i	.eAr seg	× 1		
ROPELLER	Tenaj kato	ยา เอากันเลยใช้ เปรา (2 เปลี่ยนก	បាននិងស្គាត់ស្គារ បាននិងស្គាត់សារ	course ore Ling pro li	इंक हो। रहे	si Xi wata ili Kili	21 14	
	TYPE	inoca Musi des	99 1 A 5	ភ្នំស្រាន្តរាជធំនាំ មាន	gila szeciálada	7.5		
PPLIANCE	MANUFACTURES							
	<u> </u>	<u>itu, o nagratu</u>	4 CONTORI	. CO* NCHÂNH	An Brake 1	ART A LAND	1	
A.	AGENCY'S NAME	AND ADDRESS	o. Cuntuka	B. KIND OF	AGENCY	C. CE	RTIFICATE	NO
		Services, Inc	U.	. CERTIFICATED MECH			TILL COL	.0
700 s.	W. 34 Street	burger in Li	FO	REIGN CERTIFICATED				
	uderdale, FL		· -	RTIFICATED REPAIR ST	ATION	705	-126	
D. L. certify	that the senate a	nd/ng aleansian —		NUFACTURER	Item 4 shows	and described a		
attachme and that	ents hereto have b t the information i	een made in accord furnished herein is	lance with the true and corre	requirements of P	art 43 of the U	J.S. Federal Avia	tion Regu	ations
ATE				TURE OF AUTHOR			>	
Se	ptember 22,	1986		glas J. Eby				•
		7.	APPROVAL FOR		Œ			
Pursuant to	the authority give	th persons specified tal Aviation Admin	below, the un	APPROVED	m 4 was inspec	ted in the mann	er prescril	ed by
PA	FLT, STANDARDS	MANUFACTURER	1 1	ION AUTHORIZATION	OTHER (Spec			la seri
	A DESIGNEE XX	REPAIR STATION		AN DEPARTMENT				5
ATE OF AP	PROVAL OR	CERTIFICATE OR DESIGNATION N	SIGNA	TURE OF AUTHOR	RIZED INDIVID	Y4 /)		
			·		111111111111111111111111111111111111111	1	C[]:	•
22 SE1	P 86	7.05-126	TAL	n A. Leonti	xohin (1 (non		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the

DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. craft nationality and registration mark and date work completed.)

Subject: G-73 Mallard S/N J-14, N2954

- 1) Installed Gables passenger alert chime, and P.A. system as per manufacturer's installation manuals C-2456 and C-8323-3, in forward radio rack at Sta. 49, with new AN hardware. 1 each G-2456 - chime electrical load, 1 amp. 1 each G-1435 - P.A. amp electrical load 1/4 amp. Reference Walker's Aviation drawing No. 4209-003. Wired used in installation meets MIL22759 spec.
- 2) Installed passenger Disc Player stereo system; mounted on bulkhead Sta. 384as per structual engineering report No. R-RTCM 25000.716. R.L. Torres S0-498 -Wired used in installation meets MIL spec 22759.

Converter installed in right electrical panel. Sta. 236, using new hardware.

1 each UC28-14 Converter electrical load, 8 amp max

2 each YPA-800 Audio amp analysis, 8 amp max
1 each XT-10 Tuner analysis, 8 amp max
Reference Walker's Aviation drawing No. 4209-004. Wire used in installation meets MIL spec M22759.

New equipment does not cause power consumption in excess of 80% of rated may

All work was accomplished using procedures set forth in AC 43.13-1A, Chapter 5, Section I and AC 43.13-2A, Chapter 1,2, and 3.

Weight & Balance, and equipment list has been revised.

END

rekjor Figlebogick of His green

ADDITIONAL SHEETS ARE ATTACHED

6 Top 8 14 Top 2. 2660

6-12 6-12 6-12

FAA AC 78-4908

	M	FEDERAL AVIATION	TRUSPORTATION ADMINISTRATION AND ALTERATION		Form Approved Budget Bureau	No. 04-R	
	(Airfrom	e, Powerplant	Propeller, or Applia		FOR FA.	A L'SE G	NLY
INSTRUC	TIONS: Print	Or type all anseles	See SAD to a	nce)			
for instruct	ions and dispo	or type all entries. Sition of this form.	See FAR 43.9, FAR 13 App	endix B, and AC 43.9-	1 (or subsequen	t revision	thereo
	MAKE	umman Mallard		MODEL			
i. AIRCRAFT	SERIAL NO.	Mariard Harrard		G-73			
	L	J-14		NATIONALITY AND R	EGISTRATION A	AARK	
. OWNER	NAME (As sho	own on registration cer	tificate)	ADDRESS (As shown or			
- CHINER	Walker's	Cay Air Termi	nel Tee	1 700 3.4. 345	n Street	7	
	<u> </u>		3. FOR FAA USE ON	Ft. Lauderda	le, FL 3331	5	
	- I		V. TON THA USE UN	LY			
	\$ 15 A				$\mathcal{F}^{(i)} = \mathcal{F}^{(i)}$		
.							
				생산물 가진 부모되는			
			<u> </u>		*		
UNIT			JNIT IDENTIFICATION			T .	TYPE
		MAKE	MODEL	SE	RIAL NO.		ALTE
IRFRAME			The second secon			REPAIR	ATIO
	****	*************	(As described in item 1 abo	v=)************	****	x	
	•	C 13	94 (1941) 220 (23	1 AT 1 MARKET		^	
OWERPLANT	1 12 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the		1	DILIC X		
-		on the Contractor	His de Could Dargon	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The Car	() ()	: 1
OPELLER	uni.	edingi bins∠en Il tellin	្នាស់ ស្ទី១១ (១.២ ភ្នាក់១១ សម្រើសៀម (១.២១៤ ១១១	14-41 /W/ . 5	温 声录》	7	
	·	<u>ar Talan Bergara</u>	ម្ចាប់ មានប្រជាជាក្នុង ប្រជាជា ក្រស់ជាមន្តីថា ភេសស្រក ប្រជាជ	A. A	RAL OF	[2]	
	YPE	े व्यवस्थात् वृत्यस्य	Tom Southern	100 100	2 2 2		
PLIANCE	MANUFACTURER	<u> </u>	サラル 689年41年1 年9月	1987 July 12 Fyr	15 98 A		
	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	APPER APPENDICATION		22	, ,	
A AC	ENGVIC NAME	parties of the partie	6. CONFORMITY STATEMEN	HT.			
Walle	PENCT'S NAME	E AND ADDRESS	B. KIND	OF AGENCY -	C. CERT	IFICATE N	10
700 s	S.W. 34th	ion Services,	Inc U.S. CERTIFICATED		1 17		,,,
Ft. I	auderdale	, FL 33315	X CERTIFICATED REPA				
		<u> </u>	MANUFACTURE		705–12		
attachments	hereto have b	ind/or alteration ma een made in accordi	ide to the unit(s) identifies ince with the requirements rue and correct to the best	d in item 4 above and	d described on	the series	
E :	e information	furnished herein is t	rue and correct to the best	of Part 43 of the U.S. of my knowledge.	Federal Aviation	n Regula	tion!
- <u>.</u>		1 to 1 1 4 4	SIGNATURE OF AU	THORIZED INDIVIDUAL			
June	26, 1986	The second second	McArthur Ashto	n 111	1 1		
		7. #	PPPOVAL FOR PETUDA TO F	Make	In list	Zar	;
-	authority give	n persons specified l	selow, the unit identified is	item (i			
rauant to the		at Aviation Administ	ration and is APPROV	ED REJECTED	in the manner	prescribed	by
FAA PIT	STANDARD						
FAA FIT.	or of the Feder STANDARD3 OR	MANUFACTURER	INSPECTION AUTHORIZATE	ON OTHER (Specify)			
FAA FIT. INSPECTO	UCINIFE	MOOTO TACIDRES	INSPECTION AUTHORIZATE	ON OTHER (Specify)		ing and a second	
FAA DES	SIGNEE X	REPAIR STATION	INSPECTION AUTHORIZATIK GANADIAN DEPARTMENT OF TRANSPORT INSPECTO OF AIRCRAFT	ON OTHER (Specify)			1
FAA DES	SIGNEE X	MOOTO TACIDRES	GANADIAN DEPARTMENT OF TRANSPORT INSPECTO OF AIRCRAFT	ON OTHER (Specify)			

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Repaired corrosion right wing rear spar lower cord, web and wing bottom skin. WS8,25 - WS64,25.

Removed existing upper and lower wing skin, - Repaired dubblers. Removed fuse-lage to rear spar attach angles. Trimmed fuselage shear web and rear spar web as per darwings. RT-GM100185 Detail 1.

Cleaned out rear spar lower chord corrosion. Finsihed all rear spar rework areas, using Alodine 12015 and two coats of Epoxy primer.

Manufactured all spar and skin repair parts per drawing RT-GM100185. Finished using Alodine 1201S and two coats of Epoxy primer.

The repair was assembled wet using PR1436G sealant maintaining minimum 2D \pm 1/16 inch edge distance on all fasteners. Reinstalled all spar web stiffeners by splicing new stiffener sections. Repaired fuselage shear web. Reinstalled wing to fuselage attach angles by splicing in new section. Repaired wing lower skin. Manufactured and installed wing upper skin doublers. WS31-WS66.5. Manufactured and installed fuselage upper surface skin FS240-FS246.

All work was done in accordance with drawings RT-GM100185 - 10/1/85 - 10/2/85 -10/3/85. Reference engineering report R-RT-GM100185. 12/14/85 per R.L. Torres DER SO-498. Drawing on file at Walker's Aviation Services, Inc.

Aircraft must be reweighed for new weight and balance.

BND. The Property of the Control of the C The standard of the standard o The state of the s ADDITIONAL SHEETS ARE ATTACHED FAA AC 72-4906

± U.S. GPO: 1981 - 775-332/47

	.!					11	-	16		88	
7		-	_		i Casa		-	-			ė
		dia.	14.	- 1		1.15			7	. 77	
					4.				٠.,		
7 -		*									
_	*****			****	111-		درونور				•
			_				٠		٠.		

		17 . i 1	للسالد فروس المسام				ر سینی سال می				
			DEPARTMEN	NT OF TRANS	PORTATIO	N TION			Form Approved Budget Bureau N	ia. 04-Ro	60.1
	M					ERATION	d seemed to State to the	i i salah	FOR FAA		
7,	(Airfron	10,	Powerple	ant. Pro	neller	or Annlie			OFFICE IDENTIFIE	CATION	
INSTRUC	(Airframe, Powerplant, Propeller, or Appliance) OFFICE IDENTIFY SOLUTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequently supposed to this form.							5062	2	1 2 4 4 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5	
for Instruct	MAKE -	ositic	n of this f	es. See F.	AR 43.	, FAR 43 App		I AC 43.9-	l (or subsequent	revision (thereof)
1. AIRCRAFT	1	um	nan Mall	ard			WODE	G-73			1 . # 1.1) 1
			J-14		مم		<u> </u>	N2954			
2. OWNER	NAME (As al	OWN	on registr at i	ion certifica	ie)		ADDRESS (As shown a	n registration certii	ficate)	
Z. United	Walker's	. Ca	י די אל עו	erminal	7-		/00,S.	W. 34th	Street	* , , ,	
		,,	.) .1.1. 1	CIMINAL		OR FAA USE ON	rt. La	uderdal	e, FL 33315		سنة
				1 6 6 %	-	DA TAN UJE UN				1.1	. F 📐
								r Vegluge			
				4. UNIT	IDENTI	FICATION		<u> </u>	***	· .	
UNIT		, M	AKE			WODEL		Ι		5.	TYPE
	 		· · · · · · · · · · · · · · · · · · ·			MODEL			ERIAL NO.	REPAIR	ALTER-
AIRFRAME	**	***	*******	****** (As	describ	ed in Item 1 ab	Dve) ******	/2.\\	70/	* হ	х
POWERPLANT		-						7	FEDERAL		
PROPELLER								LUL Subarra	AVIATION STRATION	7	
4 1	TYPE				1.1		· 6	REP.	- 20		
APPLIANCE	MANUFACTURER								TIGHT		
	L		<u> </u>								
· A.	AGENCY'S NA	ME	AND ADDS	tre	<u>6. Coni</u>	ORMITY STATEM					
	TOLITCE S 14	UNE	AND ADDR	(£55			D OF AGE		C. CER	TIFICATE	NO.
Walker	s Aviati	e. on !	Services	Tac	-	U.S. CERTIFICAT					
700 S.	W. 34th S	tre	et vices	, Liic.	V	CERTIFICATED RI			 :-		
Ft. La	iderdale,	FJ.	33315		<u> </u>	MANUFACTURER			705-	126	
D. I certify	that the zepa	ir an	d/or altera	tion made	to the	unit(s) identi the requirement orrect to the b	ified in Item	4 above a	and described on i.S. Federal Aviati	the reve	rie or
DATE		-				NATURE OF	cot of my k	now realige.			
June 2	, 1986					James M.	6 barr	ren p		* 1	.
-				7. APF	ROVAL	FOR RETURN TO	SERVICE				
Pursuant to	the authority rator of the F	edera	persons sp l Aviation	ecified bel Administra	low, the	unit identified	in item A	es inspect EJECTED	ed in the manner	prescrib	ed by
· raa	FLT, \$TANDARDS ECTOR	- - 1,	MANUFACTU		1	ECTION AUTHORIZ		OTHER (Speci	"		

CANADIAN DEPARTMENT
OF TRANSPORT EXPECTOR
OF ARCRAFT
SIGNATURE OF AUTHORIZED INDIVIDUAL

Note that the second se

June 24, 1986 FAA Form 337 (7-67)

DATE OF APPROVAL OR

FAA DESIGNEE

REPAIR STATION

CERTIFICATE OR DESIGNATION NO.

705-126

(8320)

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous afferations to assure continued conformity with the applicable airworthiness requirements.

	DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with air craft nationality and registration mark and date work completed.)
	Removed Main Wheels and Brakes.
	o o o o o o o o literativa i primarita i primarita i primarita di primarita di primarita di primarita di primar
	Installed new Cleveland Wheels and brakes conversion kit #199-113 in accordance with drawings 50-83 as approved under STC SA 651GL.
	and the standard of the control of t
	Weight and balance equipment list revised to reflect above changes.
	RND
	END
	The second of
	terre de la companya de la companya La companya de la co
•	
	그는 이번 시간 사람들이 경찰 중에 경찰을 하고 수가 하는 아니라 되었다.
	그는 이번 그는 다양 가는 생활됐다. 훈련 등은 사이지는 것은 사람들이 다른
	A CONTRACTOR OF THE PROPERTY O
	The contact temperature of the second se
	The Court of the Sale of the Court of the Co
	ાં મુખ્ય કે તેમ જ તમારે માટે જે જે લેવાજી જો પુત્ર અને જાઈ કે કે કે કે કે કે કે કરાયા હતા. તેમ માટે કે કે કે ક તમારે જોઈ માટે કે
-	FAA AC 78-4908

	M. (Airfron	AJC	POWERPLANT, POWERPLANT, P	ADMINIS ND A	TRATION	(ce)	strania Partis	Form Approved Budget Bureau N FOR FAA OFFICE IDENTIFIE	USE ON	
INSTRUCT	IONS: Print	or ty	pe all entries. Se	e FAR	43.9, FAR 43 Appe	ndiz B, and A	C 43.9-	(or subsequent	revision (hereof)
1. AIRCRAFT	MAKE .	umn	an Mallard				3-73	EGISTRATION M	ARK	
2. OWNER		OWII	on registration certical and Air Termi		Inc.	ADDRESS (A. 700 S.W.	. 34t1	registration certif h Street e, FL 33315	icate)	· •
					. FOR FAA USE ON					•
		<u> </u>	4. U	NIT IDE	HIFICATION					
UNIT ·		M	AKE		MODEL			ERIAL NO.	REPAIR	ALTER-
AIRFRAME	**	***	***************************************	(As des	cribed in Hem 1 abo				REFREE	X
OWERPLANT					: · · · · ·			3/10/10	√\/\	
ROPELLER								DERAL P		
APPLIANCE	MANUFACTURE						19	A PROPERTY OF THE PARTY OF THE		
	AGENCY'E NO	MAR	AND ADDRESS	6. (ONFORMITY STATEM					
Walker' 700 S.W Ft. Lau D. I cenify	s Aviation 34th Studendale,	n S	Services, Inc et 33315		U.S. CERTIFICATE FOREIGN CERTIFI X CERTIFICATED RE MANUFACTURER	CATED MECHANIC		7	05-126	
and that	the information	on fi	en made in accord	true an	the unit(s) identifies the requirement of correct to the be	UTHORIZED IN	ledge.	Al	on Regu	lations
June 24				APPROV	James M. Ric	SERVICE		malin	a	
Pursuant to the Administ	the authority rator of the P	giver eders	persons specified Il Aviation Admini	below, tration	the unit identified and is APPR	in item 4 was	Inspect ECTED	ed in the manner	brescrip	ed by
INSP	DESIGNEE	X	MANUFACTURER REPAIR STATION	$\dagger \dagger$	ENSPECTION AUTHORIZATION CANADIAN DEPARTMENT OF TRANSPORT INSPEC	VT	IER (Speci			
ATE OF APPI EJECTION June 24			CERTIFICATE OR DESIGNATION NO 705-126		of ARCLAFT SIGNATURE OF A James M. Ri	kun		in a in		• • • • • • • • • • • • • • • • • • • •
	37 (7-67)				THE RE				10.00	

1 / L	AIR	CRAPT	REGISTRY	4
" ME	RA.	NC. I	DATE:	!1 = 16 . 88

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Removed Nose Wheel	Assembly.		The second second		such region (et) () ()
Ingtall64				eren i kalan maran	a de la companya de La companya de la co
Installed new nose Aviation Drawing F	A5096, as approv	ea muaer SIC	l in accorda SA 1862SW.	nce with F	rakes
Weight and balance			and the second of the second	* .	أند محمداً لأنم مستجوب والقير العالم
all 15 手 4 2 6 年 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	San Standard and Alley San La	ata fot fer all etc a fea-	t the above	changes.	a tyan apolini di Kaluar seria
n taran dari dan kabupaten dari dari berberan dari dari berberan dari dari dari dari dari dari dari dari			da tempanjan kan da a da a da a da a da a da a da		
in the property of the second	END				
างกูล์ เคียงกับกล้อง และได้ถึง เกษากระทักการสะเร็กไปเลื่อ			BINT OF EACH STREET	4 - 4	
			in independent of the community of the c		
e i e provincia de la companya de l		والسلطة سالين سالها والما		الوام مردياة	
Service Commence				<u>,</u>	
a francisco de la companya de la com					
				•	•
The provides a substitute of the same of t		والمنطاب فالمنازي المتراجية			
	la trikat e kya ikiwepina i			ari - i i	
The second second second second second second			2:4		
والمنافعة والمنافعة المنافعة					
The second secon			ing pangkan ng pangkan na mga pang Panggan pangkan na mga pangkan na m	Tarana da ana ang ang ang ang ang ang ang ang an	
				•	
and the second second second second	الله المراجع المستعدوسة المستعدوسة المستعدد والمستعدد المستعدد المستعدد والمستعدد والمستعدد المستعدد المستعدد والمستعدد والمستعد والمستعدد والمست		i diga di kacamatan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di Kabupatèn Balangan di K		
			aning belaifeit.	ાં કુંગ્રેશિયાન	
		A. W.		, 1, 1, 194. . 1, 91.11	
روائي آهند المراجع المراجع الإسلامية والمراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع والمراجع المستحد المراجع المرا والمراجع المراجع المرا	entració personal de la composition de La composition de la			taligra, a digeriori • • • • • · · · · · · · · · · ·	
			ing the state of t	19-41 July 19-4	
				rigen i e Liga i etak	
- (115) - (15) -	alterna i Logica del Georgia del 1900. La travella del 1900 del 190		ayan akan in biran	in e Kenner op hold have dig Telefore in hold between	
	ender in der stelle stelle in der er e		ng militari (st. Marjanaganagan	engardia - July Liberary	
	经基金分割的 有			A Li	

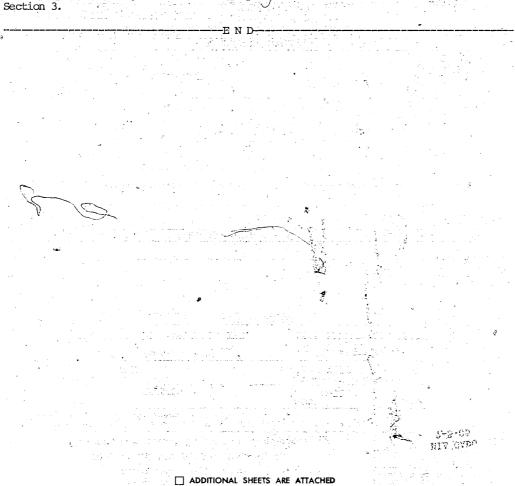
	AA A 14	DEPARTMENT OF TR	ADMIN	ISTRATION	Sp. W	,	Form Approved Budget Bureau FOR EA		·	
	MAJI (Airframe	OR REPAIR A	NU ,	ALTERATION ller, or Applian		ŀ	OFFICE IDENT	GATION.	LY	
INSTRUCT	IONS: Print or t	vpe all entries Se		43.9, FAR 43 Appe		16.62.0		7-3-05	- 	
for instruction		on of this form.	e rak	. 45.9, FAR 45 Appe	ndix B, and	AC 43.9-1	(or subsequen	t revision t	hereof)	
T AIDCDACT	MAKE GRUMM	AN MALLARD			MODEL G-	73				
1. AIRCRAFT	SERIAL NO.	J-14				TY AND RE	GISTRATION	MARK		
<u> </u>	NAME (As shown	on registration certi	ficate)				registration cer	tificate)		
2. OWNER	WALKER'S	CAY AIR TERM	INAL	, INC.	FORT T	34th ST UDERDAT	registration cer REET E, FLORIDA	3 33315	1 -	
1 \				3. FOR FAA USE ON						
						 -				
			•							
		4. U	NIT ID	ENTIFICATION				5. 1	TYDE	
UNIT	\ \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	AAKE		MODEL		SE	RIAL NO.	REPAIR	ALTER-	
AIRFRAME	******	***************************************	(As de	scribed in item 1 abo	ove)	••••••	****	x	MOITA	
POWERPLANT	¥						6			
PROPELLER						2.	Ŕ	્રિ		
APPHIANCE	MANUFACTURER						O. P.R.	GF.)	
			L				b, '	ST BAIR!		
A. A	GENCY'S NAME	AND ADDRESS	6.	CONFORMITY STATEM	ENT O OF AGEN	·~				
* t		ERMINAL, INC.		U.S. CERTIFICATE		401	C. CE	RTIFICATE !	NO.	
700 SW 3	34th STREET	*. ·		FOREIGN CERTIFI		NIC				
FORT LA	JDERDALE, FI	LORIDA 33315	·4 ·	X CERTIFICATED REPAIR STATION MANUFACTURER				705–126		
				the unit(s) identify with the requirement of correct to the be			nd described o S. Federal Avia	n the rever	rse or ations	
PATE					UTHORIZED		L	 	. —	
18 M2	ARCH 1982			AND R.	ENGE	ge				
				VAL FOR RETURN TO						
the Administra	ne authority giver ator of the Federa	n persons specified al Aviation Adminis	below tration	, the unit identified and is APPRO	in item 4 w	as inspecte EJECTED	d in the mann	er prescribe	d by	
	T. STANDARDS	MANUFACTURER		INSPECTION AUTHORIZA		OTHER (Specify)				
1 1	ESIGNEE X	REPAIR STATION		CANADIAN DEPARTMEN OF TRANSPORT INSPEC						
ATE OF APPRO		CERTIFICATE OR DESIGNATION NO 705-126).	SIGNATURE OF ALLIND R. BEN	Jang	INDIVIDUA	NL .			
AA Form 33								10:	320)	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Repaired damaged structure in nose wheel well left and right side. Installed new left and right nose gear trunnion support fittings P/N 107205L and P/N 107205R. Installed four new nose gear door hinge fittings, P/N-112340. Installed overhauled nose gear strut assembly, P/N 6963l and two new left and right attach pins P/N 112519. Installed four new nose wheel door hinge brackets, P/N 112340. Installed new left and right nose gear doors, P/N 10820L and 10820R. Rigged nose gear assembly in accordance with the Mallard G-73 Maintenance Manual and performed gear swing.

All repairs were made in accordance with procedures set forth in AC 43.13-1A Section 3.



★U.S. GOVERNMENT PRINTING OFFICE: 1977-771-021/344

				in in the state of			
	DEPAT IT OF TRANSPORTA		(A)	Form Approved Budget Bureau N	o. 04–R060.1		
	MAJOR REPAIR AND A		FOR FAA	USE ONLY			
	(Airframe, Powerplant, Propell		ice)	OFFICE IDENTIFIC	CATION		
INSTRUCT for instructi	TONS: Print or type all entries. See FAR 4 ons and disposition of this form.	3.9, FAR 43 Appe	ndix B, and AC 43.9	-1 (or subsequent	revision thereof)		
	MAKE Grumman Mallard	-	MODEL G-73				
1. AIRCRAFT	SERIAL NO. J-14		NATIONALITY AND		ARK		
· · · · · ·	NAME (As shown on registration certificate)-		ADDRESS (As shown	on registration certif	icate)		
2. OWNER	Walkers Cay Airline	4th Street dale, FL 3					
	3	. FOR FAA USE ON					
•							
	4 11117 100	NTIFICATION	 		T		
	4. UNIT IDE	NTIFICATION			5. TYPE		
UNIT	MAKE	WODEL		SERIAL NO.	REPAIR ALTER-		
AIRFRAME	(As des	cribed in item 1 ab	ave)**********	•••••	х		
POWERPLANT				PPA			
PROPELLER			APR 1	7 1981			
APPLIANCE	TYPE MANUFACTURER		MIA	DO-5			
	0.1	CONFORMITY STATE	MENT		!		
Α.	AGENCY'S NAME AND ADDRESS		ND OF AGENCY	C. CEI	RTIFICATE NO.		
Air Met	al Company, Inc.		TED MECHANIC		<u>, </u>		
Bldg. #	407, Opa Locka Airport		FICATED MECHANIC				
Opa Loc	ka, FL 33054	MANUFACTURE	REPAIR STATION	705-	95		
attach ma	that the repair and/or alteration made to ents hereto have been made in accordance v the information furnished herein is true a	vith the feauirems	nts of Part 45 of th	e U.S. Federal Avia	n the reverse or tion Regulations		
DATE April 1			AUTHORIZED INDIV		2 8		
ļ	7 ADDOO	VAL FOR RETURN T	O SERVICE	en, or	~		
Pursuant to	the authority given persons specified below	the unit identifi	ed in item 4 was ins	pected in the mann	er prescribed by		
the Adminis	A FIT. STANDARDS MANUFACTURER	INSPECTION AUTHOR	OTHER				
BY	PECTOR A DESIGNEE X REPAIR STATION	CANADIAN DEPARTA	AENT PECTOR	egis dad sid. Nasarah			
DATE OF AP	PROVAL OR CERTIFICATE OR	SIGNATURE OF	AUTHORIZED INDI	VIDUAL	<u> </u>		

FAA Form 337 (7-67)

DATE OF APPROVAL OR REJECTION 4-14-81

CERTIFICATE OR DESIGNATION NO. 705-95

(8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Placed second fire bottle under floor forward of landing gear.

Installed brackets on keel ribs.

Disperal end of bottle up as per drawing:



All work done in accordance with Aircraft Manual 43:13, 1 and 2.

NOTHING BELOW THIS LINE

ADDITIONAL SHEETS ARE ATTACHED

★U.S. GOVERNMENT PRINTING OFFICE: 1977-771-021/290

Ç.		RAL AMATION ADMINIST		('		R FAA U.		
	MAJOR	REPAIR AND A	LTERATION		OFFICE II	DENTIFICA	TION	
	(Airframe, Pov	verplant, Propello	er, or Applic	ince)			vision thereof)	
TRUCT	IONS: Print or type a	ill entries. See FAR 4	3.9, FAR 43 Ap	pendix B, and AC	43.9-1 (or sub	sequent re	Vision thereoly	
instructio	ons and disposition o	T this toxin	The street of	MODEL				
	MANE GRUM	MAU		NATIONALITY A	-73	ION MAR	ıK	
RCRAFT	SERIAL NO.				54			
	J-14	registration certificate)		ADDRESS (As sh	own on registrat	ion certific	ate)	
WNER	NAME (AS SHOWN ON	4 AIR TIZRMIN	47	100 Sa 34	BALLE, FLA	~~~/5		
HHER	WALKERSCA	TY AIR TERMINE	. FOR FAA USE		BAUEIFER	335.0		
			. TOR TAN OSE	<u></u>				
						 1	5. TYPE	
		4. UNIT ID	ENTIFICATION				ALTER-	
TINU	MAK	E	WODEL		SERIAL NO	•	REPAIR ATION	
		<u> </u>					XX	
FRAME	***************************************	As de	escribed in item 1	above)	*****			
					Table 1			
WERPLAN	т					-		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						OFF	
, DELLER							18.61	
OPELLER							APR 2.7	
	TYPE						SO GADO	
PLIANCE	MANUFACTURER						MIAMI	
•				ATCHENT			1	
			CONFORMET ST	KIND OF AGEN	CY	C. CE	RTIFICATE NO.	
	AGENCY'S NAME	AND ADDRESS		ERTIFICATED MECHANIC AB13		AB131	L 3 890	
F. J. Landre P.O.Box 2403				EIGN CERTIFICATED MECHANIC				
Ħ	ialwah, Pla.,	33012	MANUFAC	TURER		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
D. Leerti	fy that the repair an	d/or alteration made en made in accordance urnished herein is true	to the unit(s)	identified in item	4 above and d of the U.S. Fo lowledge.	escribed e deral Avi	on the reverse or ation Regulations	
ATE	v		SIGNATURE	OF AUTHORIZED	INDIVIDUA!.			
	pril 9, 1981.		16.1	Fandar		led the		
<u> </u>		7 ADS	ROVAL FOR RETU	RN TO SERVICE			5 1 Math. 201	
		15 1 15	Law also unit ide	entified in item 4 v	was inspected in	the man	ner prescribed by	
Pursuant the Admi	nistrator of the Feder	n persons specified be al Aviation Administra	tion and is	APPROVED []	OTHER (Specify)	1 - 14	1. 7.00	
[E.J.	FAA FLT. STANDARDS			UTHORIZATION		area e e Gotana	And the second s	
SY -	INSPECTOR		CANADIAN DE	PARTMENT IT INSPECTOR			in the second se	
al [258]	FAA DESIGNEE	REPAIR STATION	OF AIRCRAFT		INDIVIDITAL	<u> </u>	<u>a geryn yw 1901 i 1911</u> gelyn y 1911 y 1919 i 19	
	APPROVAL OR	CERTIFICATE OR DESIGNATION NO.	SIGNATURE	OF AUTHORIZED	MOIAIDOWE			
EJECTION		IA1313890	10	1 Janks	e		<u> </u>	
LICCHOI	4/9/81.						(8320)	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. craft nationality and registration mark and date work completed.)

Grumman Mallard G-73 Elivator S/N FL1479, Elivator S/N FL1480, R. Aileron S/N FL1481, L. Aileron S/N FL1482. These control surfaces were stripped, cleaned, inspected & recovered with Ceconite in accordance with Ceconite Inc. STC SA1351WE & AC 43.13-1A, Ch. 3, Sec. 1 & 2. Nitrate dope was applied as follows: 6 coats brush clear,

4 coats spray clear,

4 coats spray silver pigment

Surfaces incomplete without trim tabs, inspection plates or hardware. - E H D

ADDITIONAL SHEETS ARE ATTACHED

e carrier and a second					7.4.7	1		
			TRANSPORTA	and the second second		Form Approved		0.1
		FEDERAL AVIATION				FOR F.4	A USE ONL	<u>. } </u>
		R REPAIR A		,		OFFICE IDENT		
	(Airframe, i	Powerplant,	Propelle	er, or Appliar	10)	7-21	75	
						C 43 0 1 4-2		
INSTRUCT	IONS: Print or ty ons and disposition	pe all entries.	See FAR 4	3.9, FAR 43 APP		IC 43.9-1 (or subseque	nt revision tr	nereor)
	MAKE	T		4. <i>j</i> e.	WODEL			
1. AIRCRAFT	(GRUE-MAN				G-73	نصفيين	
I. AIRCRAFT	SERIAL NO	3. ±1				AND REGISTRATION	MARK	
		J-14				12954	 	
	NAME (As shown	on registration ce	rtificate)			shown on registration a	rtificote)	į.
TOWNER .	WATKER'S C	AY AIR TERM	INAL			7. 34 St.	1715	1. 1.
				N par		derdale, FL 33	1313	
			3.	FOR FAA USE OF	<u>ILY</u>			
		airworthi described	ness require d aircrait su d in FnR 43	ntified in rein compi men's and is approve bject to conformity in	ied with applicated only for the abspection by a per	ove // Chilled	7337 -17-7	llusø. 6
					<u> </u>		`	
2 -		4.	UNII IDE	HTIFICATION			5.	TYPE
UNIT		MAKE		MODEL		SERIAL NO.	REPAIR	ALTER-
								1
AIRFRAME	••••	••••••	M (As des	cribed in item 1 a	bove) <i>eceees</i> so	**********	xxx	
FOWERPLANT								
PÉOPELLER	•			All Control of the Co				, i
	TYPE	eser Argin Ferri		min (11) 4 1 1				
4 C7 14 41CE			<u> </u>		r jask∮ 27		ŀ	
AFPLIANCE	MANUFACTURES				BAG SEE			
	and the state	ali sani a sa	~ 6:	CONFORMITY STATE	EMENT			
Α.	AGENCY'S NAME	AND ADDRESS	10 1 192 18	B. K	ND OF AGEN	i©⊾ C.	CERTIFICATE	NO.
			100	U.S. CERTIFIC	ATED MECHANIC			
	S CAY AIR TE	RALNAL		POZEIGN CEE	ILFICATED MECHA			
	. 34 St.	2222		X CEERFICATED	REPAIR STATION		705–126	
Ft. Laux	derdale, FL	33315	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MANUFACTUR	53	The second of the second	<u> </u>	· · ·
strachm-	that the repair of the information	teen made in acc	rordance 1	with the requirem	ents of Part 9.	4 above and describe 3 of the U.S. Federal a nowledge.	d on the rev Aviation Reg	verse or ulations
	100000000000000000000000000000000000000		<u> </u>	SIGNATURE OF				
DATE	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ggwa (H. N.		JIGHAIUKE OF	AUTHORIZED			
<u> </u>	00 1000				20	3		
J.	une 23, 1982		7 ADDDA	NAT COD DETTION	TO CEDITICE	Donge		
Pursuant to	the authority give	en persons speci	ned below	WAL FOR RETURN	fied in item 4 s	was inspected in the m	anner pressr	ibed by
the Admini	strator of the Fede	eral Aviation Adr	ministratio	n and is X AP	PROVED []	,		
	A FLT. STANDARDS	MANUFACTURER	.,	INSPECTION AUTHO	RIZATION	OTHER (Specify)	1147 C	~
BY	SPECTOR	REPAIR STATION		CANADIAN DEPART				
	13	()	<u>, e e e e e</u>	SIGNATURE OF		INDIVIDUAL		- 1 1
REJECTION	PPROVAL OR	DESIGNATION		SIGNATURE OF	AUTHORIZED			en e

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

GRIMMAN G-73 S/N J-14 N2954 06-24-82

Removed corroded sections of forward and rear beams, P/N 107303-2L from the left wheel well, and P/N 107303-2R from the right wheel well at fuselage stations 219.5 and 255.5.

The corroded sections of the left and right rear beams and left front were removed at previously installed splices. The right front beam was gut 53.5 inches from the bottom.

All new section of beams were spliced with channel splices made of .063 2024-0 heat treated to the T4 condition per MIL-H-6088.

The repairs were accomplished in accordance with Aeronautical Engineers incorporated drawing No. AE2716, main gear attach beam repair, Grunnen Malland S/N J-14, N2954 dated May 27, 1976 and previously approved by FAA on a 337 dated June 17, 1976. By H. Mandez.

ODDITIONAL SHEETS ARE ATTACHED

<u> </u>	ATMENT OF TRANSPORTA		
ing Space	FEDERAL AVIATION ADMINIS		DNI SECTION
B. 1. 1	(Airframe, Powerplant, Propell	ler, or Appliance)	নতে : শৃহত
· · · · · ·		43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision	n thereof)
STRUCT	IONS: Print or type all entries. See FAR ons and disposition of this form.		<u>ir ner 15 -</u> ser Bara
	MAKE Grumman	· · · · · · · · · · · · · · · · · · ·	· 14.4.22
AIRCRAFT	SERIAL NO.	NATIONALITY AND REGISTRATION MARK	
	J-14	N2954 ADDRESS (As shown on registration certificate)	<u> </u>
	NAME (As shown on registration certificate)	700 Nepperham Ave.	Marian Original
OWNER	Precision Valve Corp.	Yonkers, N.Y.	
. ~		3. FOR FAA USE ONLY	e apaš
		발생생회는 그 병에 가면하였다.	
	والمراجع والمستنان والمراجع والمستنان والمستنان والمراجع والمستنان والمستان والمستنان والمستنان والمستنان والمستنان والمستنان والمستنان		
			T TYPE
<u>-</u>	4. UNIT I	DENTIFICATION	5. TYPE
זואנו	MAKE	MODEL SERIAL NO	ATION
-		Spanish (chick and his figure bless of the	
RFRAME	**************************************	described in item 1 above)	V 3
	Table 1	o in the contract of the second of the second of	a sector + 18
WERPLAN	T - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	R-1340-S1H1 P327946 X	53 d 185
	PRATT & WHITNEY	Training and control to a carda ass sample	ó в. ПТ
DOBELLED.			हेरा है वह
ROPELLER			र्ण प्रदेश
	TYPE		
PPLIANCE	MANUFACTURER U		
jeti,		6. CONFORMITY STATEMENT	
	AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY C. CERTIFI	CATE NO.
		U.S. CERTIFICATED MECHANIC	
DES	BIGN ENGINEERING, INC. 160 N. W. 58th STREET	FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION 5016	
	H ADIDA 22168	MANUFACTURER	
N	MAINI, FLORIDA CO 100	to the unit(s) identified in item 4 above and described on the ce with the requirements of Part 43 of the U.S. Federal Aviation	he reverse o Regulation
attach	ments hereto have been made in accordance	le and correct to the best of my knowledge.	
	ias the information	SIGNATURE OF AUTHORIZED INDIVIDUAL	
DATE	August 31, 1973		<u> </u>
1	7 AD	PROVAL FOR RETURN TO SERVICE	
	nerrons specified be	elow, the unit identified in item 4 was inspected in the manner,	prescribed b
Pursuant the Admi	inistrator of the Federal Aviation Administr	OTHER (Specify)	
	FAA FLT. STANDARDS MANUFACTURER	INSPECTION AUTHORIZATION	
ВУ	FAA DESIGNEE X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF ARCRAFT	\
DATE OF	APPROVAL OR CERTIFICATE OR	SIGNATURE OF AUXHORIZED INDIVIDUAL	
REJECTION	ATTROUBLE OF		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record.

An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

 DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with craft nationality and registration mark and date work completed.) 	air-
The control of the co	336
Engine Model R-1340-S1H1, Serial Number P327946 was given a major overhaul including magnaglo inspection of all steel parts and a penetrant inspection.	ection
of non-ferrous parts in accordance with manufacturers specifications and table limits.	of
Records are on file under work order 71668 The following F.A.A. A.D. notes were complied with;	
57-5-4 56-6-2	
65-7-2	
	ulau (I
Carburetor Model LESS ,Serial Number Parts List	
was overhauled and flow bench tested in accordance with manufacturers specific	10115
Magneto Type SBORN ,Serial Number,Left 192512 Right 193178 and associated ignition parts were overhauled and tested in accordance with	1 1 1 1 1 1 2 1 2 2 1 1 1
manufacturers specifications.	
This engine was given a full block performance test and found to meet specifications.	. Tet short
This engine was inhibited with corrosion preventive in accordance with Mil-C-6	529C.
Approval subject to installation.	
	6 4
(日間) 10 - 10 10 10 10 10 10 10 10 10 10 10 10 10	
tuliusikuuste ja tega, suudid telusessa, taapassa kun tataadi saalassa ku, sendi tähtöidilitti yhjä suudissituj lij Si variatten, ala eestemaani, alki saat oo sila eska jäysä 1997, keen ja tahkaa saa likuta vartaaliseksi heksi sekattan	71, d
angatangal kahuta dan kabulaga at basi sa Kaburangan, pelitur penatulan kada senti batah dikebahan kaburannil Basi sangat sangat sangat sangat sangat sangat sangat sangat sangat balanda balanda nakannika dat sangat sanga	7.12 3.45
The property of the particle o	T-45.42
	١ .
25 15 15 15 15 15 15 15 15 15 15 15 15 15	
r en die Ledwiff "(wei person belode Februs die eine grantstel in meeke de makeden die mage, derecht ") by metropen de kelend keint a beminner noormalde. Frank 20X3D "T. 630 G.O.	Porsto the day
the state of the s	
1000 table	Υ6
tell sense and the sense the sense and the s	
s Arbandori, des la	D ATACI STICSIES
ADDITIONAL SHEETS ARE ATTACHED	
U.S. GOVERNMENT PRINTING OFFICE (1987) OF -12	72-085

	MA	FEDERAL AVIATION AI	DMINIST	RATION		n Approv Budget Burea	nd No. 04-R	
. • .	(Airframe	, Powerplant, Pr	D. AI	LIEKAIION	,	OFFICE, IDEN		VLI
					7			
for instruc		type all entries. See ition of this form.	FAR 4	3.9, FAR 43 Appe	adix B, and A	IC 43.9-1 (or subsequ	ent revision	thereof
1. AIRCRAFT		rumman	- 1		WODEL	G-73		
	SERIAL NO.	J14			NATIONALITY	AND REGISTRATION	MARK	
2. OWNER		vn on registration certific			ADDRESS (As 700 Nep	shown on registration of	ertificate)	
	Precis	ion Valve Cor		No. of the	Yonkers	, N.Y.		
			3.	FOR FAA USE ONL	. У			
	,	4. UNI	T IDEN	TIFICATION				TVDF
UNIT		MAKE		MODEL		SERIAL NO.	S. REPAIR	TYPE ALTER-
							· ·	ATION
IRFRAME	****	**************************************	s déscr	ibed in item 1 abo	ve) <i>eeseesee</i>	*******	x	
OWERPLANT		,						
ROPELLER								
	TYPE						-	-
PPLIANCE	MANUFACTURER							
19.3			6. (0)	NFORMITY STATEME	NT .			<u> </u>
Α.	AGENCY'S NAME	AND ADDRESS			OF, AGENC	r /- c.c	ERTIFICATE	NO.
		and the second of the second	2				2016	110.
	VICTOR KAL	OSKI		FOREIGN CERTIFIC		 _	Horl	
F n	4170 N E 1EH			CERTIFICATED REPA	AIR STATION		1460352	es.
D. I certify	that the renair a	FLA. 33308	to th	e unit(s) identific	ed in item 4	above and described	on the reve	rse or
and that	the information	een made in accordant furnished herein is tru	e and	correct to the bes	t of my know	the U.S. Federal Avi rledge.	ation Regul	ations
	3-73		SI	GNATURE OF AU	THORIZED IN	DIVIDUAL D=Cri		
		7. API	PROVAL	FOR RETURN TO S	ERVICE			
ursuant to the Administ	the authority give rator of the Feder	n persons specified be ral Aviation Administra	low, th			inspected in the man	er prescribe	d by
FAA	FLY. STANDARDS	MANUPACTURER		SPECTION AUTHORIZAT	One	ER (Specify)	300 til.	
FAA	DESIGNEE	REPAIR STATION	OF	NADIAN DEPARTMENT TRANSPORT INSPECTO AIRCRAFT	OR SC			
TE OF APPE		CERTIFICATE OR DESIGNATION NO.		NATURE DE AUT	HORIZED HA	DIVIDUAL		· · · · · ·
9-				1 - 1 - 1 - 1 - 1	THE LUNE 1			
9-: A Form 3			Щ.					320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cut out insection holes in top of Left and Right wings at the trailing edge at L/H and R/H Wing stations 371 and 320 to be able to check the alleron hinge brackets. Religious L/M alleron hinges P/N 112004-1-at sta. 270 and F/N 112004-2 at sta. 368.

Repair accomplished in accordance with Grumman G73 Maintenance demual and with AC 43.13-1A; Chapter 2 and Sec. 3 and similiar to Fig. 2.24 (A).

> RECEIVED FAA

SEP 7 1973

aso-gado-5 MINIMI, FLORIDE

ODITIONAL SHEETS ARE ATTACHED

		DEPARAMENT OF TRA			Ait and	Form Approx Budget Bure	ed au No. 04-R060.	1
							PAA USE ONLY	
	MAJOK (Airframe, Pa	REPAIR AN			ce)	OFFICE IDE	NTIFICATION A	
						AC 43.9-1 (or subseq	y=3 uent revision the	
INSTRUCT for instruction	IONS: Print or type ons and disposition	of this form.		y, rak 43 appe	MODEL	20 13.2 7 (0. 1-2-1		
ALDEDAET	GTURMA	<u> </u>				G 73	N' MARK	
. AIRCRAFT	SERIAL NO.	J-14			N	y and registratio 2954		*
2. OWNER	NAME (As shown or				700 Ne	s shown on registration pperhan Ave	certificate) •	
	Precision	Valve Cor		FOR FAA USE ON		s. New York		-
. :			<u> </u>	PUR FAM USE UN			1.0	
Andrew Comment	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
		- 4. U	NIT IDEN	TIFICATION			5. T	YPE
UNIT	ма	KE	-	MODEL		SERIAL NO.	REPAIR	ALTER-
<u> </u>								- 1 ·
AIRFRAME	*******		(As desa	ibed in item I at	ove)	************	х	
· · ·			1		R	ECEIVE	D	
OWERPLANT						F'A'A		
						SEP 25 1972		
PROPELLER						ASO-GADO-5		• • • •
<u>- 1</u>	TYPE	-			MI	AMI, FLORIE	A	. 52
APPLIANCE	1.1		-	a, 111111111111111111111111111111111111	<u> </u>			
AFFLIANCE	MANUFACTURER							
	1	100 11 11 11 11 11 11 11 11 11 11 11 11	6. CI	ONFORMITY STATE		·		
Α.	AGENCY'S NAME	AND ADDRESS			ND OF AGE		C. CERTIFICATE	NO.
Victor	Kalaski		2	*	IFICATED MECH		A&P	
	15 Terrace				REPAIR STATION		1460352	Walio
	uderdale, i			MANUFACTURE				4 1
						a 4 above and descr 43 of the U.S. Federa	ibed on the reve I Aviation Regu	rse or lations
and the	t the information fi	arnished herein is	true an	SIGNATURE OF	Dest of my			
9-22	-72			Victor 4	Troski.	taloga	<u>. </u>	
		j	APPROV	AL FOR RETURN	TO SERVICE			
Pursuant to	the authority give	al Aviation Admir	SISTI ALIQII	BIIC 13 22 12.1		was inspected in the REJECTED	manner prescrit	bed by
FA in	A FLT. STANDARDS SPECTOR	MANUFACTURER	~ ~	INSPECTION AUTHO	RIZATION	OTHER (Specify)	San	
	A DESIGNEE (115)	REPAIR STATION	17 13	CANADIAN DEPART OF TRANSPORT INS OF AIRCRAFT	PECTOR	A STATE OF THE STA	geren neg neg tek bij dan s	
		CERTIFICATE OF		SIGNATUREACE	AUTHODIZE	D MIDIVIDUAL : ::	organist in carry	palett,
DATE OF AI	PPROVAL OR STEE	DESIGNATION AP1 460352	NO.	Victor	ごん	loss.		

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

				etima XI	467 167			and the second s		4
			•							
	الماشي شميلة وسالك ورايانا	ادر دیا معمد چیز دید	ا المناجعة المناجعة ا						فيدسيد	
្នាក់ កំពុក្ស ព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រ	्रोते असंस्कृति	a period	a partir	port and charge	ni kangariyan Manazari			en social	angston is	San cour
	លាក់ ព្រះកោល ព្រះ ស្រុក ស្រុក ព្រះការ				da tirete		*	and state	ोग्, बर्ग, धार्व भ	anda i es
	وجاء جيائسسيان فأسانا	1000	Tuecall	led a new	, attac	n angi	e . p	/n		محمد میں است 4 کی از این ا
		two.	2) new	ne rign	. neilu	l Even	floor	. to	io .	
الله عليه عنوا اله الله عليه عنوا اله		pylor). p/n	attach a 108232L	and 10	8232R	on th	eleft		sa a Ai
		and	float.						ing Lagrangia Salah Tagan Salah	
ا مناک موسره د	<u>Kuskirini</u>		1400 His		ni Rasa Hararan					
	<u> </u>		Install	ation ac	ccompli	shed 1	n acc	ordance		anging our in
		with	manufac	turer's	Mainta	nence	Manua	i and		
F174126	A series of the	WICH	AU 43.1	3-1, Sec	ction 3	•				
	Trace			,						
	1					,				
urres			100				100			
يمير.	عالمتعاصلك الأراق	والمعاشية المتعاملية		وأستحسب والأوار					ويقبل أحسب	
71.3								1.07		
asidaty ii		4.80					E # 12			
				şalı (ing the	Andrea (
	An or the	Se di Stati	Basin ka	al congress		ajinesi.	gean world	afiretti er		
		100								
					1.5			egige seg	i i wy	r i war
				والمتنافرين والمتا						gf. 5354
	كالمستعلمات اللا					أبنيت أعانيت	د حصفتی د سم			
					1 (1 (1 (1 ())) (1 ())		w/			
5 5 5	ga jart og s								*	
						and the second	أعلم عالي			والمراجع والمسترية
			ing a set a constant of the set			ļ. 1 — 1 — 1 — 1 — 1	كالك المنظولين			Tananan salaharan 1991
	Jackson (with go								
	Tuest of least a		ili de la companya d La companya de la co	Janes Contract				្នាក់ ស្រាស់ រ កែពីពេលបញ្ជាក់ប	er i sakar	
لينب للثال				, and a second of the second o		وأرضيا أراء الأواكان				
	Account to		- 1., 11.			a Lózari	a Grandina d	្នាក់ ព្រះបានស្រាប់	et verest e	
A. D.				للماء والمشيد والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمساورة والمسا والمراكزة والمساورة					and the second second	7.
	1.41.5		46							ئىرقەدىئىسىدى
. jagasa			ip e e		The state of the s			. /	i ga ta da kara	yay kasasa a sa
	3 NO 49 34 3	engapakén bas Lagradian		HALL DAY BY	iginga yaring milimi mengam		71 57. ************************************	g till skrigter Grand i sammer	The second se	
	e Naber	rshij day	ntarries de	erangan bebi	y y alger			radigal iss	i ili maria	g Verry I
	5 14 14 1 44							rajes disembalan disembalan Tanah	i diale della Martina	11
1.0										

15				. · · · ·		<u> </u>	. 11 ·	L e/	
275		L, ATMENT OF TRANS			المناه أأرجه الا	Form / Budget	(pjiroved Bureau No.	04- R 060	.1
		ERAL AVIATION ADM		, - ·			OR FAA L		
A CONTRACTOR		REPAIR AND					IDENTIFICA		
		werplant, Prop							<u> </u>
NSTRUCTI or instruction	ONS: Print or type	all entries. See F. of this form.	AR 43.9	, FAR 43 Apper	dix B, and AC	43.9-1 (or st	ibsequent re	vision th	ereof)
	MAKE				MODEL	A22			
AIRCRAFT	Grunman	<u> </u>	<u> </u>		NATIONALITY	G73	ATION MA	RK	
HINCKMII	SERIAL NO.				N2954			•	1.2
	NAME (As shown on		rte)		ADDRESS (As s	hown on regist	ration certific	cate)	
OWNER					700 Ne	pperham	Ave.	- Jan.	÷
	Precision	Valve Corr) •	OD TAA USE OW		s. N.Y.	10703		
	<u> </u>	<u> </u>	3. F	OR FAA USE ONL		ar aragina il	i=		a gar
A									and the
		المراجعة والحرار بساط		والمتحاضية والمراث					114
				ب ا			5 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
			11		r Salah ji ji ji sa		•		
		4 IINI	T IDENTI	FICATION		- 1.1	<u>,</u>	5. 1	YPE
5-2 %	,) 	7.	V.	MODEL		SERIAL I	₩.	REPAIR	ALTER-
UNIT		Œ	<u> </u>						ATION
IRFRAME	*******	,,,,,,,,,,,,,,,,,,,,,,,,,,,,(/	ls descri	oed in Item 1 do	5VE/ 555445 555			х	
				100					
OWERPLANT			et!				al factor		
						(PILLE)	$\overline{}$		-
ROPELLER						THE PARTY OF THE P			
	TYPE	<u> </u>		• • • • • •	1.7	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Di GA		
				1	D	EC 2 103	- I		
APPLIANCE	MANUFACTURER		1 12		15	-9.3 [5]	38		
			4 60	UPARINTY CTATE	REPORT 3 - 1 Aug		- /./		
		AND ADDRESS	6. CO	NFORMITY STATE	ND OF AGEN		C. CEI	RTIFICATE	NO.
A.	AGENCY'S NAME	AND ADDRESS		** *	TED MECHANIC	7	3		
Thomas	W. H111			FOREIGN CERT	FICATED MECHAN	iiC	/	A&P	_ 1
3001 Is	land Drive				EPAIR STATION				■ .
Mi romat	- Fla. 330	23		MANUFACTURE					
D. I certify	that the repair an ents hereto have be t the information for	d/or alteration ma	ide to thance with	he unit(s) iden h the requirement correct to the	tified in item ents of Part 43 best of my kn	4 above and of the U.S. I owledge.	described of Federal Avia	n the rev	erse or ulations
DATE	t the internation			HOLLATURE OF	AUTHORIZED	INDEVENTAL .		1	•
	-30-75			Thomas	W. Hill	1. Sec. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	6.5 <u>1 -</u> 4	·	
		7.	APPROVA	L FOR RETURN	O SERVICE	N, Priday			-
Pursuant to	the authority give			.Lie idantif	ad in item 4 w	as inspected		er prescr	ibed by
	A FLT. STANDARDS	MANUFACTURER		NSPECTION AUTHO	l'	OTHER (Specify)			
	SPECTOR	MARGINER	X	CANADIAN DEPART					
The FA	A DESIGNEE	REPAIR STATION		OF TRANSPORT INS	PECTOR				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
REJECTION	PPROVAL OR	CERTIFICATE OR DESIGNATION N	Ю.	SIGNATURE OF	60 /Cel	Les La	X (3) (5) (6) 		
11-30	-75	1450352 A		V1CT(or Kalosi	~		4	<u> </u>
<u></u>	337 (7-67)								(8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (if more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Manufactured 2 ea. trim tab cable pulley brackets from .040" 2024-T3 aluminumand installed in rear bulkhead at sta. 509. Manufactured a elevator cable bracket from .040: 2024-T3 aluminum. (all brackets are same material and thickness as original), and installed in rear bulkheat at sta.536.

Removed the corroded leading of L/H and R/H elevators and manufactured same, the full length of the leading edge, four inches (4") wide of .040". 2024-T3 aluminum. Installed a doubler on the L/H and R/H outboard end rib assembly of .032" 2024-T3 aluminum. Installed new R/H outboard hinge fitting. p/n 112203.

Recovered L/H and R/H elevators with Ceconite, eight coats clear and 5 coats aluminum of CAB dope.

All metal repair accomplished in accordance with AC 43.13-1A, Chapter 2, Sec. 1. Sec. 3 and Grumman Mallard G73 Service Manual.

Elevators recovered in accordance with Ceconite Inc. STC SA 1351WE and AC 43.13-1A. Chapter 3. Sec. 1 and Sec. 2.

Installation of elevators, pulley brackets and adjustment of cable in accordance with Mallard Service Manual

ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1967 OF-272-045

Form Approved Budget Bureau No. 04–R060.1 MENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL MAKE G-73 CRUMMAN NATIONALITY AND REGISTRATION MARK SERIAL NO. 1. AIRCRAFT ADDRESS (As shown on registration certificate) NAME (As shown on registration certificate) FO BOX 309 2. OWNER YORKERS, NEW YORK 10702 PRECISION VALVE CORP. 3. FOR FAA USE ONLY The data/alteration identified herein of airworthings requirements and is a described about the conference of the confer 5. TYPE 4. UNIT IDENTIFICATION REPAIR ATION UNIT ecococococococo (As described in item 1 above) AIRFRAME POWERPLANT PROPELLER APPLIANCE 6. CONFORMITY STATEMENT C. CERTIFICATE NO. B. KIND OF AGENCY A. AGENCY'S NAME AND ADDRESS U.S. CERTIFICATED MECHANIC HANSA JET CORP. FOREIGN CERTIFICATED MECHANIC CRS 705-126 CERTIFICATED REPAIR STATION 700 SW 34th St Ft. Lauderdale, Fl 33315 MANUFACTURE D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. SIGNATURE OF AUTHORIZED INDIVIDUAL

VICTOR KALOSKI DATE June 17, 1976 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal, Aviation Administration and is APPROVED REJECTED OTHER (Specify) FAA FLT. STANDARDS INSPECTION AUTHORIZATION MANUFACTURER CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT XX REPAIR STATION FAA DESIGNEE

REJECTION 17, 1976

FAA Form 337 (7-67)

DATE OF APPROVAL OR

GPO: 1971 O - 410-878

CERTIFICATE OR

OFFIC WORD 1280

SIGNATURE OF AUTHORIZED INDIVIDUAL

(8320)

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness-requirements.

 DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Removed the corroded sections of forward and rear beams, p/n 107303-2L from the left wheel well and p/n 107303-2R from the right wheel well, and replaced with Cut portions of new hears.

The right rear beam was cut 39.5° from the bottom end the forward beam was cut 40.0° from the bottom. The rear section was replaced completely, but was cut in order to install the upper portion. In the left wheel well the beam was cut 39.5° in rear and 25.0° from the bottom.

All the beems were spliced with channel splices manufactured by Amphibian Parts, Inc. of 4041 N.W. 25th St., Miemi, Florida, and were Heat Treated to T-4 Condition in accordance with MIL-H-6088 by Eex of Florida, Inc., FO Box 22130, 1881 S.W. 36th St., Fort Lauderdele, Florida.

The repair was accomplished in accordance with Asromantical Engineers Corporated Drawing No. AE 2716, "Main Gear attach Beam Repair, Grumman Hallard S/N J-14, N2954."

ADDITIONAL SHEETS ARE ATTACHED

		DE MENT OF TRA			,vaavaato√	Form A Budget	lpproved Bureau, No	. 04- R 060	.1
	MAJOR	REPAIR AN	ID AL	TERATION			OR FAA		Y
4.4	(Airframe, Po								
NSTRUCT	TONS: Print or type ons and disposition	all entries. See of this form.	FAR 43	9, FAR 43 App	endix B, and A	C 43.9-1 (or st	ibsequent i	evicion th	ereof)
	MAKE GRI	DOLAN		Xaran		≽7 3			
AIRCRAFT	SERIAL NO.	14	зX		1129				
OWNER	NAME (As shown on	San Projection	ficate)		PD Box 3			icate)	
OTTACK	PRECISION VA	LVE CORP.	3	FOR FAA USE OF		NEW YORK	20702		
·		 		lentified herein com	4 5 4 4 5 5 5 5			To the second	14
		airworthins described	sso require aircraft, sa in FAR 4	ments and is appro- bje.t to conformity 3, section 43.7.	ved only for the inepaction by a	above			
				ITIFICATION/				5. 1	TYPE
UNIT	MA	7-1-1		MODEL		SERIAL N	ю.	REPAIR	ALTER-
RFRAME.			(As desc	ribed in item 1 o	bave)	***********	•		X
OWERPLAN	T	in telepoore (v.) Hormonet Mark Markettiikin telep							
ROPELLER	7								
PPLIANCE	MANUFACTURER				e ga er in Stantskrift Grant ska				
			6. (ONFORMITY STAT	EMENT		1		
- A	AGENCY'S NAME	AND ADDRESS		B. K	IND OF AGE	VCY	C. CE	RTIFICATE	NO.
1.19 2.5	and the same size of	erren e en er	agrana.	U.S. CERTIFIC	ATED MECHANIC	67 75 70 70			
	et corp.	des e	_		TIFICATED MECHA		CRS 70	5-126	1,50
	34th St	00016		CERTIFICATED	REPAIR STATION		- Call 14		
	lerdale, Fla	The second second second second	2 881	MANUFACTU			4		erse or
D. I certi attachr and th	fy that the repair an nents hereto have be at the information fu	d/or alteration en made in acco irnished herein	made to rdance v is true a	the unit(s) ide with the requirer nd correct to the	ntified in item nents of Part 4 best of my k	i 4 above and i3 of the U.S. I nowledge.	ederal Avi	ation Reg	ulations
ATE	me 17, 1976			SIGNATURE O	AUTHORIZED	ENDIVIDUAL!	1.30	2.	
	The property of the Aprile. The property of the property of the		7. APPRO	VAL FOR RETURN	TO SERVICE				
Pursuant the Admis	o the authority give	• • • • • • • • • • • • • • • • • • • •		v, the unit ident	ified in item 4		in the man	ner prescr	ibed by
7 9 (C) F	AA FIT STANDARDS	MANUFACTURER	Alaga Alaga Alaga Alaga Alaga Alaga	INSPECTION AUTH	ORIZATION	OTHER (Specify)	rigina (m. 1964) er 1992 er jan sentra ser 1993 er janska serta	eneggy i prilig nep jedninesenin ne ner nespenier	er oer seem Chemical ee Er selve
BY -	AA DESIGNEE	REPAIR STATION		OF TRANSPORT IN	ASPECTOR			<u> </u>	<u>n : (45</u> 2
DATE OF A	APPROVAL OR	CERTIFICATE C	Rossia	SIGNATURE OF	ALOS A	telos	Q_	aliyeridî T	iocara
		<u> </u>	·	1					(8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets.__ldentify_with_air_ craff nationality and registration mark and date work completed.) Installed a King KWX 40 Weather Radar in Grumman Hallard as per instructions from Dean H. Franklin Avietion Enterprises, Inc. Deg. DV1100 and approved on FAA Form 337 by Jamie D. Serra of GADO SO-5 on 2/24/76, except some deviation had to be made from the drawing because when the enterna ecomed it hit the fiberglass nose cone. Instead of securing the entenna to the bulkhead at 6ta. 23 as per bag. DF 1100, a sounting pad, 15" high by 6" wide, was manufactured from .75" x .75" x.125° thick extruded aluminum and set it back 3.5" back of bulkhead at Sta. 23. All attachments of supports and the securing to the bulkhead is with AN 3 bolts and their related AN 365 muts AN 960 washers. The antenna is secured to the manufactured mounting pad at Sta. 22. The King KT 44 Receiver/Transmitter was installed on the right side of the previsouly installed radio reck at Sta. 39 with A8-75 rivmts and 8-32 SCIEMS. The KI 240 Indicator was installed on the pilots side of the instrument panel at Sta. 103.5. Installation accomplished, except for minor changes with Bean H. Franklin Enterprise, Inc. "Weather Redar Installation" in Grumman Hallard G-73, Dag. 1100 end with King Installation Manual No. 006-0037-01 and with AC 43.13-1A, Chapter 11, Section 2 and AC 43.13-2, Chapter 1 and Chapter 2. Aircraft to be reseighed after completion of inspection. - ភាពសម្តេចកម្តុំ មុខនាំចង្កា សេកា ស្ត្រីកំពុញសុ្ត្

ADDITIONAL SHEETS ARE ATTACHED

	MAJOR	MENT OF TRANSPO AL AVIATION ADMIN REPAIR AND Perplant, Prop	ALTE eller,	RATION or Applian	ce)	OFFICE	ureau No. OR FAA UIDENTIFICA	SE ONLY IPMADO 7-3-05	<u> </u>
NSTRUCT	IONS: Print or type a	ll entries. See FA this form.	R 43.9	, FAR 43 Appe	ndix B, and A	, 43.9-1 (OF 301	Jsequent 10		
71 Mistra	MAKE	rumman				73			
AIRCRAFT	SERIAL NO.	14			N29:				
OWNED	NAME (As shown on n	egistration certificat			P. O. 1	shown on registre Box 309	46.5	-	
OWNER	Precision V	alve Corp	,	OR FAA USE ON		Newyor	K 107		
			1, 14.00 20.						
-			13/1	CONTRACTOR			<u>. 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1</u>	5.	
			IDENI	IFICATION		SERIAL N	o	REPAIR	ALTER-
TINU	MAKE			MODEL				XX	ATION
RFRAME	*********	(A	s descri	bed in item 1.0	bove)			41	
OWERPLAN	1								
ROPELLER									
PPLIANCE	TYPE MANUFACTURER		SÇ.						
			6. CC	NFORMLTY STAT	EMENT				
Α.	AGENCY'S NAME A	ND ADDRESS		В. К	IND OF AGEN	fCX.		RTIFICATI	NO.
	J. Landre		-		TIFICATED MECHA	NIC	AE13]	13890	1
P.	n_Box 2403				REPAIR STATION				
HI	ālēāh, Florī	dat , 33012	772	MANUFACTU	RER				
D. L certi	fy that the repair and ments hereto have been at the information fur	or alteration many made in accords	rue an	d correct to th	e best of my k	nowleage.	described ederal Avi	on the re ation Res	verse of gulation:
ATE TO	1975 1977 1975 1977 1986	Mag SYG (4) Sing Syd (4)		SIGNATURE O	F AUTHORIZED	INDIVIDUAL	SIT 160		(•. (1° .
	to the authority given				end in item A	was inspected HEJECTED	n the man	ner presq	ribed þy
the Admi	to the authority given nistrator of the Federa	MANUFACTURER	X	INSPECTION AUTH	ORIZATION -	OTHER (Specify)	120	SE FO	10.00
BY.	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPA OF TRANSPORT I OF AIRCRAFT	NSPECTOR : Significant to the Co	S INDIVIDUAL DA	140.5		gargi Al Varres
DATE OF	APPROVAL OR	CERTIFICATE: OR DESIGNATION N	Ю.	SIGNATURE C	AUTHORIZE	NOWIDHAY	137		
نزووبدورت	/19/76.	IA1313890		1 1 1 m	- // ////				

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record.

An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If mor craft nationality and registration man	e space is required, attac k and date work complete	h additional sheets. Id ed.)	entify with air-
Grumman Mallard G-73 Rud cleaned, inspected and i	lder, S/N FL1280.	This rudder was	stripped,
Cooper Engineering STC S	AL351WE and AU43.	13-1, Sec. 3, On	. 1 & 2.
Nitrate dope was applied 6 coats brush clear,	as remarkable to the pro-	Alexandria (m. 1923) 1938 - Francis Durchell, 1923 1935 - British Berga, Alexandria (m.	المستعدد المستخديد المستخدمات
4 coats spray clear,	ment	and the state of t	ing space all the results as
Balance not checked at	this time.	D	
		AND THE SET	37.000
1		Paalin (1919)	CONTRACTOR AND TO
osegga segge og på sinskeligi i filmer og en			
And the second			
	and a final parameter of the control	and the second problems of the second con-	المستعدة المستعدد ال المستعدد المستعدد الم
		ا (tapletang) المنظمة المنظمة المنظمة المنظمة	
	발표가 되면 보이고함, 하네요. : (1985년 전 -) - (1985년 전 -)		
			and the second s
		에 있는 함께 하는 이 등록 수 있습니다. 이 사람이 하는데 이 유규들이다.	
		o figura (o positivo en esperante de la figura de la figura La figura de la figura dela figura de la figura d	A comment of the second
		epigelija ("die "vodinterte") Of Oracle "de	g jeneralje (* 1704) 1908 - Harris Harris, de samen en se
The control of the co	Trial		
	The property of the second		
	इ.स.च्याच्याची अस्त्राच्याक्री होत्या १९८७ - भेजनसम्बद्धाः		
	ADDITIONAL SHEETS ARE ATT	ACHET (1)	The of the state
			NG OFFICE : 1947 OF-272-645

Form Approved Budget Bureau No. 04–R060.1 DEL MENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION FOR FAA USE ONLY OFFICE IDENTIFICATION GATE MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL MAKE G-73 Grumman 1. AIRCRAFT TIONALITY AND REGISTRATION MARK SERIAL NO. N2954 J-14 ADDRESS (As shown on registration certificate)
P. O. Box 309 NAME (As shown on registration certificate) 2. OWNER Yonkers, New York 10702 Precision Valve Corp. 3. FOR FAA USE ONLY 5. TYPE 4. UNIT IDENTIFICATION ALTER-SERIAL NO. REPAIR UNIT ATION eee (As described in item 1 above) AIRFRAME POWERPLANT PROPELLER APPLIANCE MANUFACTURER CONFORMITY STATEMENT C. CERTIFICATE NO. B. KIND OF AGENCY A. AGENCY'S NAME AND ADDRESS U.S. CERTIFICATED MECHANIC ALL AGP Victor Keloski 4120 N. E. 15 Terrace FOREIGN CERTIFICATED MECHANIC 1460352 CERTIFICATED REPAIR STATION Fort Lauderdale, Fla. 33334 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 df. the U.S. Federal Aviation Regiglations and that, the information furnished herein is true and correct to the best of my knowledge. SO

SIGNATURE OF AUTHORIZED INDIVIDUALS. SIGNATURE OF AUTHORIZED INMIVIDUALS DATE 6-8-76 7. APPROVAL FOR RETURN TO SERVICE Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED OTHER (Specify) FAA FLT. STANDARDS INSPECTION AUTHORIZATION MANUFACTURER CANADIAN DEPARTMENT RY OF TRANSPORT INSPECTOR OF AIRCRAFT REPAIR STATION FAA DESIGNEE SIGNATURE OF AUTHORIZED INDIVIDUAL
VICTOR KATOSKI CERTIFICATE OR DATE OF APPROVAL OR

(8320)

DESIGNATION NO.

1460352 AI

REJECTION

6-8-76

FAA Form 337 (7-67)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

- DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
 - 1. Repaired the top of L/H alleron from the front spar to the trailing edge and from sta. 100.75 to sta. 137.75 with 2024-T3 aluminum, same thickness as original.
 - 2. Installed a manufactured 7° x 7° flush patch from sta. 153.7 to sta. 160.7 on the leading edge of the L/H aileron using 2024-T3 aluminum, same thickness as original.
 - 3. Installed a manufactured 3° x 8° flush patch using 2024-T3 aluminum, a same thickness as original, on the leading edge of the L/H alleron from sta. 203.5 to sta. 206.5.
 - 4. Manufactured and installed a flush patch, 6° x 7°, from sta. 219 to sta. 255 on the upper leading of L/H alleron, using 2024-T3 aluminum, same thickness as original.
 - 5. Installed a inspection plate, 7° x 10°, using 2024-T3 aluminum, same thickness as original in the L/H wing at sta. 27 and just rear of the front spar in order to instal a new jack pad. Jack pad installed the same as original and in same position, sta. 24.
 - 6. Repaired the upper R/H aileron from the front spar to the trailing edge and from sta. 61 to sta. 100. using 2024-T3 aluminum, same thickness as original.
 - 7. Installed new L/H and R/H angles. p/n 107097-13 at sta. 209 and stabilizer attach fitting. p/n 112306-1 at sta. 509.
 - Repaired the rudder by installing new Sector-Control. p/n 112216 and lower cap assy. p/n 106721. Sefore it was sent out for recovery.
 - 9. Installed a inspection plate, 8" x 5", using 2024-T3 aluminum, same thickness as origingal in R/H wing at sta. 29.5; rear of main spar in order to install a new jack pad at sta. 24.
 - 10. Install a new section of keel from sta. 211 to sta. 250.

All repair accomplished in accordance with AC 43.13-1A; Chapter 2, Section 3, inspection plates and flush patches in accordance with Fig. 2.24 and item 7 installed from instructions from the manufacture and with Mallard Shop Manual.

ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1967 OF-272-08

		DE AENT OF TRANSPERAL AVIATION ADM			ne two skilety)		Bureau No.		
							OR FAA L		\rightarrow
	_β MAJOR	REPAIR AND	ALT	EKATION	1	OFFICE	IDENTIFIC		F
	(Airframe, Po	werplant, Prop	eller	, or Applian	ce)			MI, FLA	
NSTRUCT	TONS: Print or type ons and disposition	all entries. See F	AR 43.	9, FAR 43 Appe	ndix B, and AC	43.9-1 (or su	bsequent d	evision the	reof)
	MAKE Grumman		Ÿ			-73			<u> </u>
AIRCRAFT;	SERIAL NO. J-14		-		NATIONA'UZ			6	
	NAME (As shown on	registration certifica	rte)		APPRESSION	的私的理想的對	Ation certifi	cate)	الإستادات
OWNER	Pracision V				Yonkers	, NoY. 1	0 703	<u> </u>	
	4		3.	FOR FAA USE ON	TA				
				1.5					
							1 × 2 × 1		
									: '
. 2	<u> </u>	∆ liNi	T IDEN	TIFICATION	· · · · · · · · · · · · · · · · · · ·	J 1 5 54	1999	5. 1	YPE
 _				MODEL		SERIAL N	ю.	REPAIR	ALTER-
TIMU	MAI	KE		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					AHON
FRAME	•••••	**************************	As desc	ribed in item 1 a	pase)	***********	•	x	
	<u> </u>							<u> </u>	
			•	in the second of			•	1.2	
WERPLAN	"		9					<u> </u>	 -
OPELLER	La du Heil		: .						
OPELLER								+	+
	TYPE							1.7	1
PPLIANCE	MANUFACTURER								
				ONFORMITY STAT	CHENT				
		AND ADDRESS	<u> 6. (</u>	UNITUKMITT SIAI B. K	IND OF AGEN	iCY .		RTIFICATE	NO.
A	AGENCY'S NAME				CATED MECHANIC		B	Acir	
1 - 2	VICTOR KAL 4120 N. E. 15th	TERRACE			RTIFICATED MECHA	NIC	1	46035	2
	FORT LAUDERDALE	FLA. 33308			REPAIR STATION		1	- 5	
				MANUFACTU			<u> </u>	<u> </u>	
D. I certi	ify that the repair ar ments hereto have be not the information f	nd/or alteration m een made in accord	ade to	the unit(s) ide	entified in item ments of Part 4 e best of my k	4 above and 3 of the U.S. nowledge.	described Federal Av	on the re lation Reg	verse of gulation
and th	nat the information f	urnisnea nerein 15	uc M	1 _	F AUTHORIZED				
ATE	5-29-74			vi cto	Chaio H	elosh			
		7.	APPRO	VAL FOR RETURN	TO SERVICE				:
Pursuant	to the authority give nistrator of the Feder	en persons specified ral Aviation Admin	l belov istratio	, the unit dent	ified in item 4	was inspected REJECTED	in the mar	ner presc	ribed by
	FAA FLT. STANDARDS	MANUFACTURER	x	INSPECTION AUTH	ORIZATION	OTHER (Specify)			
BY 💳	FAA DESIGNEE	REPAIR STATION		OF TEAMSPORT OF AIRCRAFT	NSPECTOR				
DATE OF	APPROVAL OR	CERTIFICATE OR		SIGNATURE C	AUTHORIZE	NEUDIVIDUAL O			7
	ĺ	DESIGNATION 1	NQ	VICEST	LE WORKER	Kosh	•		-
EJECTION	5-29-74	1 1700 136 1		1					

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Removed the corroded angle and nose wheel floor board and installed a extruded aluminum angle same as one removed on the upper left and right side of the nose wheel well from sta. 69 to sta. 93 and installed a 18.5"x19.5" x .050" of 2024-T3 aluminum on the center portion of the nose wheel well floor from sta. 79.5 to sta. 93,

Removed a corroded jack pad support strap from left wing and manufactured same from 24"x2"x.125" of 2024-T3 aluminum and installed from left wing sta. 13 to sta. 37 and on the rearward section of wing box beam. Section of fuel cell where strap is riveted is treated with Teledyne Coast Fro-Seal.

Removed a 10 x7" bottom section of left wing four inches rearward of the jack pad and menufactured a inspection cover in order to get access fo the fuel cell cover plate to be able to rivet the jack pad support strap. The inspection cover doubler was manufactured from .040" 2024-T3 aluminum and the cover of .032" aluminum (2024-T3).

Repair accomplished in accordance with AC 43.13-1A: Chapter 2, Section 3 and the Inspection cover in accordance with Fig. 2.24. Nose hear and nose gear retract cylinder reinstalled in accordance with Grumman Mallard G-/3 Service Manual.



ADDITIONAL SHEETS ARE ATTACHED

		DEPAF TOF TRAI	NSPORTATE	ON PERMIT		Torm 4	Approved	04' P060	
#		ERRA MINION AL					Bureau No.		
		REPAIR AN					IDENTIFICA		
	(Airframe, Po	werplant, Pro	opelle	r, or Appliar		· <u> </u>		$-\tilde{7}_{!}$	3-05
NSTRUĆTI or instructio	ONS: Print or type	all entries. See of this form.	FAR 43	.9, FAR 43 App	endix B, and A	C 43.9-1 (or s	ubsequent re	evision th	ereof)
1	MAKE		Ĭ,	2 3	MODEL				,
AUDCDAFT	Grumme	in				G=73 AND REGISTI	ATION MA	DK	
AIRCRAFT	SERIAL NO.				N2954				
		-14	iceto)			shown on regist	ration certifi	cate)	
	NAME (As shown on	registration certifi	icule)		700 Net	perham A			٠.
OWNER	Precision	Valve Cor	. D.		Yonkers	. N.Y.			65
			3.	FOR FAA USE OF	ALA.				
								200	
14				1000					
• .						•			
	ta i katawa a sa								
							 		
		4. U	NIT IDE	ITIFICATION				3.	ALTER-
UNIT -	MAR	(E	133	MODEL		SERIAL	NO.	REPAIR	ATION
							1.4	72	1.
IRFRAME	*******		(As desc	ribed in item 1 d	bove) ******	•••••	₩		//
	4.1					·			/ X
								l /	1. 1
OWERPLANT									
• ,,_,,	1		1		-:			1	<u> </u>
		<u> </u>		<u> </u>		<u></u>	e e e e e e e e e e e e e e e e e e e	i ja ja ja ja	
			1 1 1					secondary	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
	TYPE								
ROPELLER									*
ROPELLER	TYPE								
ROPELLER			6. (ONFORMITY STAT					10
ROPELLER LPPLIANCE		AND ADDRESS	6. (B. K	IND OF AGEN	ICY	C. CE	RTIFICATE	NO.
ROPELLER LPPLIANCE	MANUFACTURER AGENCY'S NAME			B. K	IND OF AGEN				
ROPELLER PPLIANCE A.	MANUFACTURER AGENCY'S NAME /			B. K X U.S. CERTIFIC FOREIGN CEI	IND OF AGEN CATED MECHANIC STIFICATED MECHA			RTIFICATE 46035	
ROPELLER LPPLIANCE A.	MANUFACTURER AGENCY'S NAME	I RRACE	6. (B. K X U.S. CERTIFIC FOREIGN CEI	IND OF AGEN CATED MECHANIC STIFICATED MECHANIC REPAIR STATION				
ROPELLER LPPLIANCE A. 4 FOR	AGENCY'S NAME VICTOR KALOSK 120 N. E. 15th TER T LAUDERDALE, FLA	I Rrace A. 33308		B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU	CIND OF AGEN CATED MECHANIC STIFICATED MECHA PREPAIR STATION RER	NIC	A&P 1	46035	2
A. A. A. D. I certify	MANUFACTURER AGENCY'S NAME VICTOR KALOSK 120 N. E. 15th TER T LAUDERDALE, FLA	RRACE A. 33308 d/or alteration s	made to	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTUI the unit(s) ide	CIND OF AGEN CATED MECHANIC STIFICATED MECHAN REPAIR STATION RER	4 above and	A&P 1	46035	2
A. A. A. D. I certify attachmand that	AGENCY'S NAME VICTOR KALOSK 120 N. E. 15th TER T LAUDERDALE, FLA	RRACE A. 33308 d/or alteration s	made to	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU the unit(s) ide with the requirer nd correct to the	CATED OF AGEN CATED MECHANIC MIFICATED MECHA PREPAIR STATION RER Intified in item ments of Part 4 e best of my k	4 above and 3 of the U.S. nowledge.	A&P 1	46035	2
A. A. D. I certify attachmand that	MANUFACTURER AGENCY'S NAME VICTOR KALOSK 120 N. E. 15th TER T LAUDERDALE, FLA	RRACE A. 33308 d/or alteration s	made to	B. K X U.S. CERTIFICATED FOREIGN CEI CERTIFICATED MANUFACTU the unit(s) ide with the requirer nd correct to the	CIND OF AGEN CATED MECHANIC STIFICATED MECHAN REPAIR STATION RER	4 above and 3 of the U.S. nowledge.	A&P 1	46035	2
A. A FOR D. I certify attachment that	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have be the information fu	RRACE A. 33308 d/or alteration s	made to	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU the unit(s) ide with the requirer nd correct to the	CATED OF AGEN CATED MECHANIC MIFICATED MECHA PREPAIR STATION RER Intified in item ments of Part 4 e best of my k	4 above and 3 of the U.S. nowledge.	A&P 1	46035	2
A. A. PPLIANCE D. I certify attachmand that	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bet the information fu	RRACE A. 33308 d/or alteration sen made in accordinated herein in	made to rdance v s true a	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTUI the unit(s) ide with the requirer nd correct to the SIGNATURE O VICTOR VAL FOR RETURN	IND OF AGENCATED MECHANIC INTERCATED MECHANIC INTERCATED MECHANIC INTERCATED MECHANIC INTERCATED IN	4 above and 3 of the U.S. NIDIVIDUAL	A&P 1	46035	verse or
A. A. FOR D. I certify attachm and that	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have be the information fu	RRACE A. 33308 d/or alteration of the deciration of the deciratio	made to rdance v s true a	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU the unic(s) ide with the requirer nd correct to the SIGNATURE O VAL FOR RETURN VAL FOR RETURN	IND OF AGENCATED MECHANIC RIFICATED MECHANIC REPAIR STATION REPAIR	4 above and 3 of the U.S. NIDIVIDUAL	A&P 1	46035	verse or
A. A. FOR D. I certify attachmend that	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have be the information fu	RRACE A. 33308 d/or alteration of the deciration of the deciratio	made to rdance v s true a	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU the unic(s) ide with the requirer nd correct to the SIGNATURE O VAL FOR RETURN VAL FOR RETURN	IND OF AGENCATED MECHANIC RIFICATED MECHANIC REPAIR STATION REPAIR	4 above and 3 of the U.S. nowledge. INDIVIDUAL was inspected REJECTED	A&P 1	46035	verse or
A. A. A. FOR D. I certify attachmand that DATE 5- Pursuant to the Advaini	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bee the information fu	RRACE A. 33308 d/or alteration of the deciration of the deciratio	made to rdance vs true as	B. K X U.S. CERTIFIC FOREIGN CEI CERTIFICATED MANUFACTU the unic(s) ide with the requirer nd correct to the SIGNATURE O VAL FOR RETURN VAL FOR RETURN	IND OF AGENCATED MECHANIC MIFICATED MECHANIC MIFICATED MECHANIC MER MER METAL	4 above and 3 of the U.S. NIDIVIDUAL	A&P 1	46035	verse or
A. A. PORTION TO THE PURSUANT TO THE Administration of the Admin	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bee the information fu	RRACE A. 33308 d/or alteration of the control of t	made to rdance v s true a	B. K X U.S. CERTIFICATE FOREIGN CEI CERTIFICATE MANUFACTUI THE UNIT (5) ide THE UNIT (6) ide THE UNIT (7) ide THE UNIT (8) ide THE UNIT (8) ide THE UNIT (8) ide THE UNIT (9) ide THE UNIT (9) ide THE UNIT (1) ide TH	END OF AGENCATED MECHANIC MIFICATED MECHANIC MIFICATED MECHANIC MERR INTERIOR MERR INTERIOR MERCANIC MERCANIC MERCANIC MECHANIC M	4 above and 3 of the U.S. nowledge. INDIVIDUAL was inspected REJECTED	A&P 1	46035	verse or
Pursuant to the Adraini	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bee the information fu	RRACE A. 33308 d/or alteration of the control of t	made to rdance vs true as	B. K X U.S. CERTIFICATE FOREIGN CEL CERTIFICATE MANUFACTU The unit(s) ide with the requirer nd correct to the SIGNATURE O VICTOR VAL FOR RETURN v, the unit ident and is [All INSPECTION AUTH	END OF AGENCATED MECHANIC MIFICATED MECHANIC MIFICATED MECHANIC MERR INTERIOR MERR INTERIOR MERCANIC MERCANIC MERCANIC MECHANIC M	4 above and 3 of the U.S. nowledge. INDIVIDUAL was inspected REJECTED	A&P 1	46035	verse or
A. A. FOR D. I certify attachmend that the Adraini FA. Pursuant to the Adraini FA. BY FA.	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bet the information fu	RRACE A. 3330B d/or alteration seem made in accountrished herein accountrished herein in accountrishe	made to redance we strue as a true as APPRO ed belownistratio	B. K X U.S. CERTIFICATE FOREIGN CEI CERTIFICATE MANUFACTU The unit(s) ide with the requirer nd correct to the SIGNATURE VICTOR VAL FOR RETURN TO TRANSPORT CANADIAN DEPAI OF TRANSPORT OF ARCRAFT	END OF AGENCATED MECHANIC MIFICATED MECHANIC MIFICATED MECHANIC MERR INTERIOR MERR INTERIOR MERCANIC MERCANIC MERCANIC MECHANIC M	4 above and 3 of the U.S. nowledge. INDIVIDUAL OFF Was inspected REJECTED OTHER (Specify)	A&P 1 described of Federal Avis in the manner	46035	verse or
PPLIANCE A. FOR D. I certify attachment that that the Advantation in the Advantation i	MANUFACTURER VICTOR KALOSK 120 N. E. 15th TEF T LAUDERDALE, FLA that the repair an ents hereto have bee the information fu 6-72 the authority giver strator of the Feders A FLT. STANDARDS SPECTOR	RRACE A. 33308 d/or alteration of the control of t	APPRO APPRO APPRO APPRO APPRO APPRO K	B. K X U.S. CERTIFICATE FOREIGN CEI CERTIFICATE MANUFACTU The unit(s) ide with the requirer nd correct to the SIGNATURE VICTOR VAL FOR RETURN TO TRANSPORT CANADIAN DEPAI OF TRANSPORT OF ARCRAFT	END OF AGENCATED MECHANIC RIFICATED MECHANIC REPAIR STATION RER Intentified in item nents of Part 4 e best of my k F AUTHORIZED KELOBICT TO SERVICE inted in item 4 PPROVED CORIZATION RIMENT NSPECTOR	4 above and 3 of the U.S. nowledge. INDIVIDUAL OFF Was inspected REJECTED OTHER (Specify)	A&P 1 described of Federal Avis in the manner	46035	verse or

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

	4,
DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach addit craft nationality and registration mark and date work completed.)	tional sheets. Identify with air:
्रात के द्वार के किए तो पूर्व के परिचार के प्रतिकार के प्रतिकार की की तेव कर के बने के प्रतिकार के देश हैं की तो पार्ट के के किए के प्रतिकार के किए की किए किए किए के प्रतिकार के किए के किए के किए के किए के किए के किए के पूर्व के के के प्रतिकार के किए के प्रतिकार के प्रतिकार के प्रतिकार की किए के किए के किए की किए की किए के किए क विकार के किए की किए किए की किए	
• CHE A CHOCKET FOR STOCK CO. THE COLOR CO. THE COLOR CO. THE COLOR CO. THE COLOR CO	
Installed a "No Smoking, Fasten S	eat Belts" sign
on bulkhead that seperates the pilots passengar compartment in the passanger sta. 141.0.	compartment from compartment at
Installation accompliance in acco	ordance with
escomplished in accordance with AC 43.	13-1; Chapter 11;
Section 2 and Section 3.	
[图1] [1] [1] [1] [1] [1] [1] [2] [2] [2] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	
an makan di Marakan dan di Karaman dan kalandar dan kalandar dan di kalandar dan dan dan dan dan dan dan dan d Karaman dan dan dan dan dan dan dan dan dan d	
	된 경우로 없이 문화되었다.
물문이 하시 회문 회장 문 보고 불의 호텔이 되어?	
	역. 그런 기계들의 뭐 먹어.
	RECEIVED
	DEC 11 1972
	mag-cado-5
	MINES PROPING
ADDITIONAL SHEETS ARE ATTACHED	

¥.	D FFDF	EPAR T OF TRANSPORTATION ADMINIST	TION RATION		Form Approved Budget Bureau 1	10. 04-R060. USE ONLY	
		REPAIR AND A			OFFICE IDENTIF	CATION 1	A Gia
730	MAJUK	verplant, Propell	er, or Applia	nce)	OFFICE IDENTIFE	7	7-5-0
	(Airrame, Pov	Acibiani, Liohen		andix B and AC 42	9-1 (or subsequent	revision the	reof)
STRUCT	IONS: Print or type a ons and disposition o	all entries. See FAR 4	3.9, FAR 43 App		,,-1 (01)45501		
	MAKE	mman		MODEL G-73			- 1
AIRCRAFT	SERIAL NO.			NATIONALITY AN	D REGISTRATION A	MARK	- 1
	J-1				n on registration cer 22147	tificate)	
OWNER	Precision V	registration certificate) Valve Corp		P.O. Box	rdale, Fla.		
			. FOR FAA USE O	HLY			•
			3				
					4 (4)		
							in.
			CUTICACION			5.1	YPE
		4. UNIT 10	ENTIFICATION		SERIAL NO.	REPAIR	ALTER-
TINU	MAK	E .	MODEL			-	ATION
IDED A LAE		eccessosses (As de	scribed in item 1	above)	*********		x
IRFRAME						+	
2,							
OWERPLAN	π		. <u> </u>		•		
	1		110				
ROPELLER							
	Tune .					2 35 0	
	TYPE	ar i de la compania del compania del la compania del compania de la compania de la compania de la compania del compania	warst it 18	瑪麗里 阿林			1
APPLIANCE	MANUFACTURER				r treates		
. ,	<u> </u>		COURODINITY CT	TENENT			<u> </u>
		6	CONFORMITY STA	KIND OF AGENCY		CERTIFICATE	NO.
A	. AGENCY'S NAME	AND ADDRESS		ICATED MECHANIC	CRS	3673	
Sunny	South Aircraf	Ef Delayna	FOREIGN C	ERTIFICATED MECHANIC		frame	
300 8	W. 41st St.	a. 93315	X CERTIFICATI	ED REPAIR STATION	Cla	sa III Limitat:	lops
			MANUFACT	URER			
D. I com	ify that the repair an	d/or alteration made	to the unit(s) io	dentified in item 4	above and describe f the U.S. Federal	d on the re- Aviation Reg	verse or ulations
attach	ments hereto have be	d/or alteration made en made in accordance traished herein is true	and correct to t	he best of my know	leage.		<u>. </u>
and ti	mar the information is			OF AUTHORIZED IN			
DATE			11.6	11 4	will Com		•
	7-28-71		Dom	inick Feruill	5	 	
			ROVAL FOR RETUR			nanner presc	ribed by
Pursuant	to the authority give	n persons specified bel al-Aviation Administra	ow, the unit idention and is	ntified in item 4 was	mspecied in the	nanner presci	noeu by
the Admi	FAA FLT. STANDARDS	Internal No.	INSPECTION AU	OT	HER (Specify)		
	INSPECTOR	MANUFACTURER	CANADIAN DEP	ARTMENT	a latina para de la	ووالمحال للمصر	ig in a second of
ab apr	FAA DESIGNEE	REPAIR STATION	OF TRANSPORT	INSPECTOR	<u>a an aisme ai fu</u>	11.01.00 to 1	ind al
2175.05	APPROVAL OR	CERTIFICATE OR	SIGNATURE	OF AUTHORIZED	NDIVIDUAL		in die
DAIL OF	とり ガス・・・ こ	DESIGNATION NO.	1 / / /	777 V [/A]/			
REJECTION	7-30-71	3673	/ Achert	e F/Ferderi			(8320)

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record.

An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements:

		النامية المالية	on mark a	andre e				. garanta bita	* * * * 3 2* ** * * * * * * * * * * * * * * * * *
			ن آخات المنظور مد ۱۳۳۰ - المنظور مد	22 1	12. (1.11.12.) (13.11.13.14.)	a Thiann Anna an Baile A 1, A 19	مسمیسید. در	i (20,12) (20,2) e	
	. 35 (Carlo		<u> </u>	<u>ISTALLED</u>					
1. 2			L. Colon	210011110	en de			<u> </u>	إحداث
l ea	M41cox	1014A Tı	il de la colo	n in noo	o modito			365 21t 0	Pagaire
	imilar f	o Fig. 2.	5 of AC	113 13-2	G Leuso	COMPAN. CI	nent of	100 90 90 00 00 00 00 00 00 00 00 00 00 0	1015114
		<u></u>			No. 535	4	777	a light w	្រុក្សប្រព័ន្ធ ស្រុក្សប្រព័ន្ធ
1 es	. ARC 10	5A Transp	onder re	moved fr	om nose	Compart	nent.	THE GARL	indina. National
	A plic From A. Grander		ang sa ang atawa 19 Kababatan	120	: <u> </u>	5 t. Pro 197- (41) s p			
A	ll elect	rical wor	k done 1	n accord	ance wi	th AC 49	.13-2 Pa	. 27.	7. W.
				r intervie	i grasila		ja ja jakara		
A	ll units	were fur	etion te	sted and	found	eatisfac	tory.	1	
10.341.1	i come alba	w Mijerjenjej mag	المرسيي						
С	omplied (with AC 4	3.13-2 C	hapter 1	(Statio	c Load)			
									جيبا سحت د ايا
dept.				-END-			Constitution of the same		1.
						1-433		-	المؤيدة
tuit r						I		257	
- 11171 7						of I Ali			1
	و در چې لومو مومور د د ا					7770	9 705.	- 1	
LUTIVE			se perciji	M.470.03		1725	ertega t₩ [['Os voo		
•				أواجع بيساحا السا	فالمشاعلة الأساعات		- 5-50-6-	-1-	
1411		in the second			1943 - L. F.	•		A /	
				11.10/10				7	
							-1.		
									2.
							st.		
	ائدۇرىيى ئىدۇسىيىسى بىد		i jari kari. Saraya sara				أستوستوي توت		
	a ta constitui				elt infan	ده است. ده است.	n de la composição de la Composição de la composição de l	فأرجع بالمساورة	
estera. Vienes		en e	e edition for			ar sitelif. Alaman	on Markey for Total Control of the Day		i de la companya de l
			n in North			Saffa (V. Kir.	14 Harion	ne so in one	
vi dadi				a vijing		service in			
	e en en en	i granden				er Aug er bestad			14.13
n iliation	ad a Militario i Giorgia da più Mi	anga gapan ang Palam. Dagagapan at kalam					مالك والمستفودي والميمات	energy constraints	
Miland		. Nijerana di	agent jakan ber		and the second second	igil eyoş	واد (م) واست. محدد مستاریک	erikanos zumb Karas kumiskiskisk	era egin (j. 17 Georgeografia
	19.91	hat the same		grey oak	Stiproces				
			es ivisa	wanter'					
			у 16 до 10 а	rojewija i			our familier (1965) Talentari	atable in 1991 d graph to be the	10.114 1.11. 1607 W.S
3 B				TIONAL SHEE		ACUED /			

1. AIRCRAFT

2. OWNER

Form Approved Budget Bureau No. 04–R060.1 FEDERAL AVIATION AGENCY FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATIONALA GADO (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL MAKE 6-73 Grumman NATIONALITY AND REGISTRATION MARK SERIAL NO. J-14 ADDRESS (As shown on registration certificate) 700 Repperhan Ave. NAME (As shown on registration certificate) Precision Valve Corp. Yonkers, New York 3. FOR FAA USE ONLY

	4. U	IIT IDENTIFICATION			5. T	YPE
UNIT	MAKE	WODEL		SERIAL NO.	REPAIR.	ALTER-
AIRFRAME	***************************************	(As described in item 1 abo	ove) ************	******	x	
POWERPLANT						
PROPELLER						
APPLIANCE	TYPE MANUFACTURER					•

6. CONFORMITY STATEMENT C. CERTIFICATE NO. B. KIND OF AGENCY AGENCY'S NAME AND ADDRESS U.S. CERTIFICATED MECHANIC Victor Kaloski FOREIGN CERTIFICATED MECHANK 4120 N.E. 15 Terrace Fort Lauderdale, Fla. CERTIFICATED REPAIR STATION MANUFACTURER

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

_		and the second of the second o	
DATE	. ;		SIGNATURE OF AUTHORIZED INDIVIDUAL
	3-5-70		Vilar Koloda
		7. APPRO	VAL FOR RETURN TO SERVICE
Purs	uant to the authority giv Administrator of the Fede	en persons specified below eral Aviation Agency and	r, the unit identified in item 4 was inspected in the manner prescribed by is SAPPROVED REJECTED
	FAA FLT, STANDARDS INSPECTOR	MANUFACTURER X	INSPECTION AUTHORIZATION OTHER (Specify)
BY	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT
DATE REJEC	OF APPROVAL OR TION 3-17-70	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL

FAA Form 337 (1-65) OBSOLETE PREVIOUS EDITION

0052-025-8000 (8320)

7-3-05

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Repaired damaged section of nose wheel tenth on by by splicing a 43" x 8" piece of 70757-6 elecatus at sta. 53 to 93 on R/H side and a 13" X 7" of 7075T-6 on L/H from sta. 79 to 93. Manufactured and spliced in a beam 24° long of 70739-6 alumnium from sta. 72 to 93. All material used was same thickness as original and all repair accomplished as per AC 43.13-1, Chapter 2, Section 3 and Par. 62, 64 and 65. All areas which was reworked was sealed with Pro-Seal EP711A + EP711B. Replaced the following with new parts: Nose Gear Assembly-Bendix P/B 69631 Nose Gear Betract Strut--P/H 1095560 B/H Gear Door Bracket-P/H 112524 R/H and L/H Nose Gear Door, 4 ea.--P/N 112340 Gear retraction preformed and checked for cleariness and operation satisfactory.

> TAN ELORIDA PARTS EIG ANI, PLORIDA

ADDITIONAL SHEETS ARE ATTACHED

GOVERNMENT PRINTING OFFICE : 1965 DF--761-741

	MAJOR F (Airframe, Pow	REPAIR AND A erplant, Propel	LTERATION ler, or Applia	nce)	OFFICE IDENTI	A USE ONIZE	3-11 3-11
TRUCT	TONS: Print or type al ons and disposition of	l entries. See FAR	43.9, FAR 43 App	endix B, and AC	43.9-1 (or subsequer	nt revision the	reof)
mstructi	MAKE Grummas		ing a second	MODEL G-	73		
RCRAFT	SERIAL NO.			N 2954	AND REGISTRATION		
	NAME (As shown on re	gistration certificate)		ADDRESS (As st	nown on registration ce	rtificate)	
WNER	Precision V		ation	Yonkers.	New York		
			3. FOR FAA USE O	INLY			
							VDE
		4. UNIT	DENTIFICATION	- 1	espial NO	51	ALTER-
UNIT	MAKE		MODEL		SERIAL NO.	REPAIR	ATION
RAME	•••••	000000000000 (As i	described in item 1	above) eeeeeee		1	X }
VERPLAN	π ·	*					
PELLER	TYPE				Verified by Oper	ator#100	C
PLIANCE	MANUFACTURER				<u> </u>		<u> </u>
			6. CONFORMITY ST	ATEMENT	cv	CERTIFICATE	NO.
	. AGENCY'S NAME A	ND ADDRESS		KIND OF AGEN	<u> </u>	rframe	
Aeto	Trades Inc.			ERTIFICATED MECHAI	ARC .	115	
L.I.	MacArthur Ai	rport .Y.	Z CERTIFICAT	ED REPAIR STATION	C1	ass 4 mited	
). I cert attach and t	ify that the repair and ments hereto have bee hat the information fur	l/or alteration mad	SIGNATURE	dentified in item	INDIVIDUAL	bed on the re	verse or rulations
* -	12-14-67	7/1	PPROVAL FOR RETU	PN TO SERVICE	10-700	.0.5	
Pursuant	to the authority given	persons specified l	selow, the unit ide	ntified in item 4 OVED RI	was inspected in the	manner preso	ribed by
the Adm	FAA FIT. STANDARDS	MANUFACTURER	INSPECTION AL	THORIZATION	OTHER (Specify)		
Υ -	FAA DESIGNEE	REPAIR STATION	CANADIAN DE OF TRANSPOR OF AIRCRAFT	PARTMENT T INSPECTOR	1		۷
EJECTIO	APPROVAL OR	CERTIFICATE OR DESIGNATION NO 115	SIGNATURE	of Authorize	(he see h)	Pla	(8320)
12-1	L & = 13 /		1			2-025-6000	

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

 DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cabin interior upholstery and furnishings refurbished to customers design and specifications.

Removed previously installed auxiliary fuel transfer system.

Removed previously installed propeller anti-icer tank.

Removed previously installed Goodrich Type 21 surface de-icer boots and associated plumbing and components.

Installed electric bilge pump system. Circuit protected and controlled by means of circuit breaker switch in left wheel well compartment. Selector valve for bilge compartments installed below floor at left wheel well compartment. Access opening provided.

Installed individual landing gear selector system in accordance with Grumman Drawings SP428, 109624 and 109625. Original installation modified to incorporate one control on either side of cockpit instead of together, for ease of identifications

Modified left and right wing leading edges to Droop Snoot configuration in accordance with Grumman Drawing 106930.

Installed Lear A5-830-H Storeo Tape Player. Unit installed with suitable bracketry in existing cabinet behind copilots bulkhead. System wired by Airmar Radio Service to their Drawing No. 12-14-67. Circuit protected by a 3 ampere circuit breaker.

Installed RCA AVQ-75 DME System. Interrogator unit and shock mount installed on suitable support on left side of nose compartment. Indicator installed in existing pilots knee panel. Antenna installed out on right wing tip same as Transponder antenna previously installed out on left wing tip. Circuit protection provided by a 5 ampere circuit breaker and identified. All work done in accordance with FAR 43. System wired by Airmar Radio Service per Drawing 12-11-67 and functional check satisfactory.

Previous continuous electrical drain per ACA 337 (5-6-66)

Lear Tape Player 3.0 amps RCA AVQ 75 DME 3.4 amps

New total Electrical Load 54.9 amps.
54.9 amps. less than 80% of total generator output (2 ea. 100 amp generators) and satisfactory.

New weight and balance computed.

ADDITIONAL SHEETS ARE ATTACHED

End

1.5. GOVERNMENT PRINTING OFFICE: 1965 DF-761-74

FFB 7 2958

U. S. DEPARTMENT OF COMMERCE		Form Approved. 1	Budget Bureau No. 41-R041.5.
CIVIL AEDONAUTICS ADMINISTRATION APPLICATION FOR AIRWORTHINESS CI			RUCTIONS Submit this form to the
AND/OR ANNUAL INSPECTION OF AN			ministration Aviation Safe
1. TYPE OF APPLICATION (Check which)		*	
L ORIGINAL ISSUANCE OF CERTIFICATE	a. [] RECES	TUTCATION UNDER THE PI	ROVISIONS OF CAR 8
b. M ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE	e. [] MULTI	PLE CERTIFICATE UNDER T	HE PROVISIONS OF CAR 8
. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICA	NTE L 🗌		
2. AIRWORTHINESS CLASSIFICATION (Check appropria	da Hemfell	· · · · · · · · · · · · · · · · · · ·	
It is requested that the Certificate of Airworthiness worthiness classification(s):	be issued to pern	ait operation of the air	craft in the following air-
A STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT	CATEGORIES)		
y. ☐ LIMITED (SEE CAR 9)			
c. RESTRICTED (SEE CAR 8)			
(Check the restricted special purpose operation(s) to be conducted)			
AGRICULTURAL AND PEST CONTROL	. 🔲 PATRO	LLING	
AERIAL ADVERTISING		T AND WILDLIFE CONSERVA	TTON
☐ AERIAL SURVEYING	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ER CONTROL	
GLIDER TOWING	OTHER		
d. A EXPERIMENTAL			
(Check the type of experimental operation(s) to be conducted) ☐ RESEARCH AND DEVELOPMENT			
- Part 「あず 「Colored Actual Colored Actual Colore	RACIN		
☐ AMATEUR-BUILT ☐ DEMONSTRATION	EXHIB		
D DEMORSTRATION	LI OTHER		
LAIRCRAFT IDENTIFICATION (Complete all Hems)		•	
a. AIRCRAFT IDENTIFICATION (Complete all ttems) a. AIRCRAFT MAKE b. AIRCRAFT M	IODEL,	g c. AIRCRAFT	SERIAL NO.
	regard from the control of the		SERIAL NO.
a. AIRCRAFT MAKE b. AIRCRAFT M	regard from the control of the	c. AIRCRAFT	SERIAL NO.
L AIRCRAFT MAKE b. AIRCRAFT M GRUMMAN G73 d. ENGINE MAKE	e. ENGINE M	c. AIRCRAFT	SERIAL NO.
LAIRCRAFT MAKE GRUMMAN G73 d. ENGINE MAKE P E' W	e Engine M	c. AIRCRAFT	SERIAL NO.
L AIRCRAFT MAKE b. AIRCRAFT M GRUMMAN G73 d. ENGINE MAKE	e Engine M	c. AIRCRAFT	SERIAL NO.
LAIRCRAFT MAKE GRUMMAN G73 d. ENGINE MAKE P E' W	e. ENGINE M	c. AIRCRAFT	4
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE P. E' W J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME	e. ENGINE M	c. AIRCRAFT	4
LAIRCRAFT MAKE GRUMMAN G 73 a. ENGINE MAKE \mathcal{E}' W. J. AIRCRAFT MAKE AIRCRAFT REGISTRATION INFORMATION (Comp.	e. ENGINE M	c. AIRCRAFT	c aircraft nationality
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE P. E' W J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME	e. ENGINE M	c. AIRCRAFT	4
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE P. E' W J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME	e. ENGINE M	c. AIRCRAFT	c aircraft nationality
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE P. E' W J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME	SREAKEN SREAKEN	T MAILING ADDRESS	c aircraft nationality
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE P E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. REGISTERED OWNER'S FULL NAME GAR WOOD	LENGINE M S SCENTION REFE CET E MICH	ODEL. 3 HI T WAIISING ADDRESS WHITE Y NEW E	c aircraft nationality
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR WOOD J. AIRCRAFT OWNER'S CERTIFICATION (Check and son	See all leman Micel makes experientate them	ODEL T MAILING ADDRESS WHOLE WALLING ADDRESS	- AIRCRAFT NATIONALITY AND REGISTRATION MAR N-2954
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR WOOD J. AIRCRAFT OWNER'S CERTIFICATION (Check and son	See all leman Micel makes experientate them	ODEL T MAILING ADDRESS WHOLE WALLING ADDRESS	- AIRCRAFT NATIONALITY AND REGISTRATION MAR N-2954
AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR WOOD AIRCRAFT OWNER'S CERTIFICATION (Check and comp. I hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evices.	Let all Lema) REPARAMENT REPARAMENT PICE mallet appropriate them (or his agent) of a sar required by lence of registratif	T MAUSING ADDRESS INCOME IN DEPT.	e Aircraft Nationality AND REGISTRATION MAR N=2954 in Item 8 above which is Administrator, Part 501
LAIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR WOOD J. AIRCRAFT OWNER'S CERTIFICATION (Check and son	Let all Lema) REPARAMENT REPARAMENT PICE mallet appropriate them (or his agent) of a sar required by lence of registratif	T MAUSING ADDRESS INCOME IN DEPT.	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N=2954 in Item 8 above which is Administrator, Part 501
AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR WOOD AIRCRAFT OWNER'S CERTIFICATION (Check and comp. I hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evices.	Let all Lema) REST REST DET 2 MICH MARKET OF his agent) of n as required by lence of registratif DATE of ISSUE A	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MAR N=2954 in Item 8 above which is Administrator, Part 501
LAIRCRAFT MAKE GRUMMAN G 73 d. ENGINE MAKE D E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR Wood I. hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evid. 2. EPCERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A) W-300 ON	Lea all Linus Lea al	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
a. AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. a. REGISTERED OWNER'S FULL NAME G. AIRCRAFT OWNER'S CERTIFICATION (Check and dot I hereby certify that I am the registered owner registered* with the Civil Aeronautics Administration or 502 and when operated displays the following evic a. □ CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A) b. □ APPLICATION FOR REGISTRATION, FORM ACA-500 (PART A)	Lea all Linus Lea al	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
a. AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME J. AIRCRAFT OWNER'S CERTIFICATION (Check and continuous conti	Lea all Linus Lea al	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
LAIRCRAFT MAKE GRUMMAN G 73 d. ENGINE MAKE D E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME GAR Wood I. hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evid. 2. EPCERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A) W-300 ON	Lea all Linus Lea al	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
a. AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' J. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME J. AIRCRAFT OWNER'S CERTIFICATION (Check and continuous conti	Lea all Linus Lea al	T MAUSING ADDRESS INCLUDENT IN PROPERTY IN PROPERTY	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME J. AIRCRAFT OWNER'S CERTIFICATION (Check and continued to the company of the company	Lea all Linus Lea al	T MAILSING ADDRESS WHOLE WITH A PORWARDED TO GAA MALE AND A COMMANDED TO GAA	c AIRCRAST NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501 347 AIRCRAST RECORDS BRANCH,
AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME J. EARLY WOOD J. AIRCRAFT OWNER'S CERTIFICATION (Check and continued to the company of the compa	Lea all Linus Lea al	T MAILSING ADDRESS WHOLE WITH A PORWARDED TO GAA MALE AND A COMMANDED TO GAA	e AIRCRAFT NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501
AIRCRAFT MAKE GRUMMAN G. 73 d. ENGINE MAKE D. E' W I. AIRCRAFT REGISTRATION INFORMATION (Comp. 2. REGISTERED OWNER'S FULL NAME J. AIRCRAFT OWNER'S CERTIFICATION (Check and continued to the continued to t	Lea all Linus Lea al	T MAUSING ADDRESS TO MAUS	c AIRCRAST NATIONALITY AND REGISTRATION MARK N-2954 in Item 8 above which is Administrator, Part 501 347 AIRCRAST RECORDS BRANCH,

33

U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION

AIRCRAFT INSPECTION REPORT
(To be completed by a CAA representative or approved repair station)

a. ✓ AIRCRAFT SPECIFICATION NO. ☐ 783 THROUGH SHEET REVISION NO. ☐ b. ☐ AIRCRAFT LISTING PAGE NO. c. ☑ AIRCRAFT LISTING PAGE NO. d. ☐ CIVIL AIR REGULATION PART & (MODIFIED TYPE CERTIFICATE) 2. AIRCRAFT AND ENGINE OPERATING RECORDS a. ☐ AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY b. ☑ COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED c. ☑ AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 367: 15 HOUR d. ☑ ENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS 367:15 SERIAL NO. 327939 TOTAL HOURS 367:15 SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
c. PAIRWORTHINESS DIRECTIVE SUMMARY 1955 THROUGH CARD NO. 55-35 d. CIVIL AIR REGULATION PART & (MODIFIED TYPE CERTIFICATE) 2. AIRCRAFT AND ENGINE OPERATING RECORDS □ AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY b. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED c. PAIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 367:13 HOUF d. PENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS 367:13 SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL HO. TOTAL HOURS	
d. CIVIL AIR REGULATION PART & (MODIFIED TYPE CERTIFICATE) 2. AIRCRAFT AND ENGINE OPERATING RECORDS A AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY b. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED c. PAIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 367:13 HOUF d. PENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327939 TOTAL HOURS 367:13 SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	***************************************
a ☐ AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY b. © COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED c. ☑ AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 367:15 HOUR d. ☑ ENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS SERIAL NO. 327929 TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	15
b. Compliance with applicable airworthiness directives recorded c. Paircraft records indicate the airframe has been operated a total of 367.15 hour d. Pengine records indicate the following operation: serial no. 327929 total hours 367.15 serial no. 327939 total hours serial no. 1000 total hours serial no. 1000 total hours serial no. 1000 total hours	15
b. Compliance with applicable airworthiness directives recorded c. Paircraft records indicate the airframe has been operated a total of 367.15 hour d. Pengine records indicate the following operation: serial no. 327929 total hours 367.15 serial no. 327939 total hours serial no. 1000 total hours serial no. 1000 total hours serial no. 1000 total hours	*
C. PAIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OFERATED A TOTAL OF 367.15 HOUR d. PENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS 367.15 SERIAL NO. 327939 TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
d. PENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS 367.15 SERIAL NO. 327939 TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
SERIAL NO. 327939 TOTAL HOURS 367115 SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
SERIAL HO. TOTAL HOURS	
PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM AGA-319)	<i>f</i> s
LAST AIRWORTHINESS INSPECTION CONDUCTED 12-25-55 (OATE)	4
EL DI AIRCRAFI MANDFACIORER	<u>`</u>
BY APPROVED REPAIR STATION, CERTIFICATE NO.	E
BY MECHANIC, CERTIFICATE NO. JAMES T. MCMANN HE 760	89-41
b. PEPRIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER	
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED	3 5
■ OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)	ુ ઝ
b. CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT	(n) 17 [1]
C. L'CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT	***
d. DECURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT	့ <u>၂</u> ၅
. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS	
1. IN CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE 12-39-56	
2 IP PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE 2-17-56 (DATE)	
BY FRED W FENN (DATE) 2327 (RAME OF ISSUING REPRESENTATIVE) (DESIGNATION NO.)	
(CAME U. ISSUING REPRESENTATIVE) (DESIGNATION NO.)	
GAA APPROVED REPAIR STATION CERTIFICATION	
The aircraft described on the reverse has been inspected under the authority accorded certifi	cated repair station
No by CAR 52 and was found to be:	
□ AIRWORTHY	
UNAIRWORTHY (REPAIR STATION AUTHORIZED SIGNATURE)	(DATE)
CAA REPRESENTATIVE CERTIFICATION	(DATE)
I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT MAIRWORTHY UNAIRWORT	ну
DESIGNEE'S SIGNATURE (DESIGNATION NO. DATE	
224	-
AVIATION SAFETY AGENTS SIGNATURE CAN DESIGNATION NO. DATE	-
	ACCEPTED
Reg. 2 19. 2-13-51	
1 ASDO 18	SPOT CHECKED
□ ATTACHMENT	
	<u> </u>

and the second of the second	A3 1	FEDEL AVIATIO	N AGE	NCY		Form Approved Budget Bureau	! No. 04-R96	50.1
	OLAM TOT	R REPAIR AN	ID AL	TERATION		FOR FA	A USE ONI	LY
(Airframe, P	owerplant, Pr	opelle	r, or Applia	nce)	of GA	DO 5	HS
500	>. ·	<u> </u>					500	· · /
INSTRUCT	'IONS: Print or typ ons and disposition	e all entries. See	FAR 43	.9, FAR 43 App	endix B, and AC	43.9-1 (or subseque	nt revision t	hereot)
'	MAKE _	Terror Steamer			MODEL G-7			
. AIRCRAFT	Grunmar	a			, ,			•
	SERIAL NO.				N-2954	ND REGISTRATION	MARK	
		n registration certifi	icate)			own on registration ce	rtificate)	
. OWNER	Packer Pon		d etc.			rnoise Avenu	e	
		<u> </u>	<u>ميائم د.</u>	POD 514 1955 OF	Detsuist, M	icnigan		(
		Table (Najiri nasar		FOR FAA USE ON		les with the applicable		
			alry	rorthiness requirem	ents and is approve	ed only for the above		
			euti	norized in CAR Par	18, section 18.11(b).		4.5
			5	-6-66 -	thomas !	08/110		
			. =	Date	Signature of	FAA Inspector,	3A1211 -	<u>_</u>
		4. UI	IIT IDEN	TIFICATION	Lead of		5	TYPE
UNIT		UKE .	1.1	MODEL		SERIAL NO.	REPAIR	ALTER-
				<u> </u>				ATION
IRFRAME		······································	 As descr	ibed in item 1 d	ove) ***** ***	*********		
	Carrier States	ander Programme to a final			a,			X
	4 4 4 4			an en lara polític		ព្រះសង្សាធារី ស្នំ។	in sign	
OWERPLANT	The first parties		15.00		•			- /
	9 3 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>* 1 314 - 12 4 31 1 4 </u>	1000				. 1177	
ROPELLER	The state of the s							
- 14		<u> </u>	- 11 -					ļ
	TYPE			ta Car				
PPLIANCE	MANUFACTURER	The same same	100		in en are 🗼 .	n de el piel		
	105140000 111140	44 ID 4000000	<u>6. CO</u>	NFORMITY STATE	,		CEDTIEICATE	NO
	AGENCY'S NAME	AND ADDRESS	Х		TED MECHANIC	<u> </u>	CERTIFICATE	NO.
A. /	•			5.5.				ing to a second
Charles	P. Jenson	Transfer to the state of the st	.,	FOREIGN CERT	FICATED MECHANIC			
Charles 1520 N.	E. 40th Pl		<u>,</u> E		REPAIR STATION	1 3 A	137207	3
Charles 1520 N.			8		REPAIR STATION	1 & A	, 137201	3
Charles 1520 N. Pt. Lat D. I certify attachme	E. 40th Pl. iderdale, Pl. that the repair annus hereto have been	orida 3330 d/or alteration m en made in accord	ade to t	MANUFACTURE the unit(s) iden the requirement	REPAIR STATION R rified in item 4 and of Part 43 of	above and described the U.S. Federal A	on the rev	erse or
Charles 1520 N. Pt. Lat D. I certify attachme and that	E. 40th Pl	orida 3330 d/or alteration m en made in accord	ade to t ance wit true and	MANUFACTURE the unit(s) iden the requirement correct to the	REPAIR STATION R tified in item 4 ints of Part 43 of best of my know	the U.S. Federal A	on the rev	erse or ilations
Charles 1520 N. Ft. Lat D. I certify attachme and that	E. 40th Pl merdale, Pl that the repair an onts hereto have be the information fu	orida 3330 d/or alteration m en made in accord	ade to t ance wit true and	MANUFACTURE the unit(s) iden the requirement correct to the	REPAIR STATION R rified in item 4 and of Part 43 of	the U.S. Federal A	on the rev	erse or ilations
Charles 1520 N. Ft. Lat D. I certify attachme and that	E. 40th Pl. iderdale, Pl. that the repair annus hereto have been	orida 3330 d/or alteration m en made in accord	ade to t ance wit true and	MANUFACTURE the unit(s) iden the requirement correct to the	REPAIR STATION R tified in item 4 ints of Part 43 of best of my know	the U.S. Federal A	on the rev	erse or alations
Charles 1520 N. Ft. Lat D. I certify attachme and that	E. 40th Pl merdale, Pl that the repair an onts hereto have be the information fu	orade 3330 d/or alteration m en made in accord rnished herein is	ade to t ance wit true and	MANUFACTURE the unit(s) iden the requirement correct to the	REPAIR STATION R tified in item 4 s ents of Part 43 of best of my know AUTHORIZED INI LETTEON	the U.S. Federal A	on the rev	erse or ilations
Charles 1520 N. Pt. Lat D. I certify attachme and that	that the repair annus hereto have been the information fu	d/or alteration men made in accordant is	APPROVA	MANUFACTURE the unit(s) ident the requirement correct to the SIGNATURE OF CHETIES LL FOR RETURN 1 the unit identifi	AUTHORIZED INI JETISON AUTHORIZED INI JETISON O SERVICE ed in item 4 was	inspected in the ma	viation Regu	ilations
Charles 1520 N. Ft. Lat D. I certify attachme and that ATE Pursuant to the Adminis	that the repair annus hereto have been the information further authority given trator of the Federical Control of the fed	d/or alteration men made in according to the men men men men men men men men men me	APPROVA	MANUFACTURE the unit(s) ident the requirement correct to the Cherles L FOR RETURN I the unit identification (3APPROVE	REPAIR STATION R stiffed in item 4 s ents of Part 43 of best of my know AUTHORIZED INI F. Jesses on O SERVICE ed in item 4 was ID REJECT	inspected in the ma	nner prescri	llations
Charles 1520 N. Pt. Lest D. I certify artachme and that ATE Pursuant to the Adminis	that the repair annus hereto have been the information fu	d/or alteration men made in accordant is	APPROVA below, y and is	MANUFACTURE the unit(s) identify the requirement correct to the Charles L FOR RETURN I MANUFACTURE TOTAL L FOR RETURN I MANUFACTURE APPROVE	REPAIR STATION R Itified in item 4 sents of Part 43 of best of my know AUTHORIZED INI JEPTISON O SERVICE of in item 4 was D REJECT IZATION OTH	inspected in the ma	nner prescri	llations
Charles 1520 N. Ft. Leat D. I certify attachme and that ATE Pursuant to the Adminis	that the repair annus hereto have been the information full S/6/66 the authority given trator of the Federal RI. SIANDARDS	d/or alteration men made in according to the mode in according to the m	APPROVA below, y and is	MANUFACTURE the unit(s) ident the requirement correct to the Cherles L FOR RETURN I the unit identification (3APPROVE	AUTHORIZED INI DESTRUCT O SERVICE ed in item 4 was D TREJECT IZATION REJECT OTH	inspected in the ma	nner prescri	llations
Charles 1520 N. Pt. Leat D. I certify attachme and that ATE Pursuant to the Adminis	that the repair annus hereto have been the information further to find the suthority given trator of the Federal RI. STANDARDS	d/or alteration men made in accordanished herein is 7. 1 persons specified at Aviation Agenc	APPROVA below, y and is	MANUFACTURE the unit (s) ident the requirement correct to the SIGNATURE OF CHETCH 1 FOR RETURN 1 the unit identification authors reasonable paragraphs are careful and paragraphs are c	AUTHORIZED INI DESTRUCT O SERVICE ed in item 4 was D TREJECT IZATION REJECT OTH	inspected in the ma	nner prescri	llations

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

<u>Lear LVTR-36</u>, V.H.F. Communications Transceiver. <u>Bendix RTA-1B</u>, H. F. Communications Transceiver. No structural change to aircraft.

<u>Installed</u>: <u>Collins 618M-1</u>,V.H.F. Communications Transceiver. <u>ARC-105A</u>, ATC Transponder System.

The Collins 618M-1 and the ARC 105A R/T units are both located on aircraft manufacturer provided radio shelf forward of mose baggage compartment Shockmounts are attached to shelf with ANS-32 screws with ANS-32 fiber lock nuts. Control units are located on manufacturer provided redio control panel lower,

center of instrument panel.

Replaced ARCA-12 and 2 es. ARCA-15 antennas top of fuselage with Bendix AT-907A UHF Comm. antennas - no weight change.

Circuit protection provided by circuit breakers of proper size and indentified.

All work in accordance with FAR 43 (CAM 18:30-22)

Functional check satisfactory. Compass swung with radios off and on.

Maximum probable continuous electrical load is 48.5 amps or 24.3%

of generator rated capacity. (2 ea. 100 amp. generators)
Weight and Balance revised and revision with radio additions added to aircraft equipment list.

- End -

ADDITIONAL SHEETS ARE ATTACHE

. AIRCRAFT	GRUMMAN	1 (3-43) No.	G-7		n	1 299	D REGISTRATION MA
. OWNER	PACKER PONTIAC			18650 LIVE DETROIT			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
COMPLET	E ONLY FOR UNIT REPAIRE	ED AND/OF	R ALTERED. DES	SCRIBE WORK ACC	OMPLISHED	ON RE	VERSE IN AC
UNIT	MAKE		MODEL	SERIAL NO.	-	NATURE OF	WORK (Check)
. AIRFRAME	······································	• (As describ	ed in item I above) Pi	***************************************	•		X
. POWERPLANT	KPR 2			The data identified i	s approved for a	duplication	on identical airc
PROPELLER	G. G. Fro			the original modifi	Titaled config.	ration wh	en accomplished
. APPLIANCE	TYPE AND MANUFACTURER			4/26/63 Date	Sign	ature of F	A Inspector
*AFTE	T WEIGHT AND BALANCE DA RR the repairs and/or alterations lescribed below were made.	case o	f a spare compone	pleted by repair or sent, it will not be co	mpleted until	such co	mponent is in
CATEGORY	EMPTY WEIGHT (Pos	unds)*	EMPTY CENT	TER OF GRAVITY (Inches from	s datum)*	USEFL	L LOAD (Pounds)*
NORMA	9884.6		229.2	AFT NOSE	DA TUM	28	165.4
			144	<u> </u>		<u> </u>	<u>al al le u</u>
. CONFORM	AITY STATEMENT (Complete and E AND ADDRESS	check)	b. KIND OF AGEN		c. (CERTIFICATI	E 180,
E FAR	E AND ADDRESS INELL AND CO, INI BEACH INTOL A IRI	C PORT	☐ U. S. Cer ☐ Foreign (rtificated Mechanic. Certificated Mechanic ted Repair Station.	L	432	6 FRAME
E FAR PALM WEST	E AND ADDRESS INELL AND CO, INI BEACH INTOL A IRI	C PORT RIDA RECOR	U. S. Cer Foreign Certificat Manufac U. W. W	rtificated Mechanic. Certificated Mechanic ted Repair Station. turer. Check if repair or a as made under delege ion procedures.) ied under item 3 abo ts of Part 18 of the	teration tion op-	132 -AIR -RAD	FRAME
E FAR PALM WEST	E AND ADDRESS INELL AND CO, INI BEACH INT'L AIRI PALM BEACH, FLOI that the repair and/or alteration to hereto have been made in ac	C PORT RIDA RECOR	U. S. Cer Foreign Certificat Manufac U. W. W	rtificated Mechanic. Certificated Mechanic ted Repair Station. turer. Check if repair or a as made under delege ion procedures.) ied under item 3 abo ts of Part 18 of the	iteration tion op-	L32 -A1R -RAD	FRAME
E FAR PALM WEST I certify the attachmenths inform the inform Chatereps APPROVAL Pursuant to	E AND ADDRESS INELL AND CO, INI BEACH INT'L AIRI PALM BEACH, FLOI that the repair and/or alteration to hereto have been made in ac ation furnished herein is true and 4-18-65	PORT RIDA RECOR n made to coordance w nd correct t	U. S. Cer Foreign Certificat Manufac Manufac (w ti the unit(s) identifi th the requirement the best of my k	rtificated Mechanic. Certificated Mechanic ted Repair Station. turer. Check if repair or a as made under delege ion procedures.) ided under item 3 abo ts of Part 18 of the nowledge. (Signature of auti	iteration stion op-	132 -AIR -RAD	FRAME 10 the reverse o
E FAR PALM WEST I certify the attachmen the inform (Date repeated Pursuant trator of the MAPPROVAL)	E AND ADDRESS INELL AND CO, INI BEACH INT'L AIRI PALM BEACH, FLOI that the repair and/or alteration ts hereto have been made in ac ation furnished herein is true an 4-18-63 In and/or alteration completed) L FOR RETURN TO SERVICE to the authority specified below	C PORT RIDA RECOR In made to coordance with and correct the unit id tis	U. S. Cer Foreign Certificat Manufac (With the unit(s) identifith the requirement to the best of my k Inspect appropriate terms) entified in item 3	rtificated Mechanic. Certificated Mechanic ted Repair Station. turer. Check if repair or a as made under delege ion procedures.) ied under item 3 abo ts of Part 18 of the nowledge. (Signature of suti was inspected in the Canadian Departme Other (Specify)	tteration tion op-	L32 -AIR -RAD ibed on r Regula	the reverse ctions and that

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, cirframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

· 6. 011

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

B. DESCRIPTION OF WORK ACCOMPLISHED.

INSTALLED SUNAIR T-22-RA HF TRANSCEIVER WITH AN LU-22-RA LOAD UNIT CONNECTED TO A FIXED ANTENNA 34 FT LONG AND A TRAILING ANTENNA PER FARNCO DRAWING 1013-3 ATTACHED.

WEIGHT AND BALANCE

	WEIGHT	ARM	MOMENT	
OLD AIRCRAFT EMPTY	9858.8	228.6	2255942	•
T-22-RA TRANSCEIVER	15.0	488. 0	7320	-
LU-22-RA LOAD UNOT	5.8	455.0	1729	
TRAIL ANT REEL	7.0	1488.0	5416	
NEW AIRCRAFT EMPTY	9884.6	229.2	2266407	•
NEW USEFUL = 12.750 - 9.884.6 = 2865.4 L	.B8.		[일본 1일 기업 기업 - 변경화 기업 기업	

MAY 21 8 28 AH 163

Form FAA-887 (4-52)

[&]quot;If additional space is needed attably additional three persons are interest nationality and registration mark and date work completed.

MAIOF	DEDAID AND ALTEDAT	FEDERAL AVIATION A		Budget Bureau 1	
 	MAKE	MODEL	SERIAL NO.	NATIONALITY AND REG	ISTRATION MARK
AIRCRAFT	Grunon	G>78	ADDRESS (Street and number, city, zone	82954 and State)	STD.
OWNER	NAME (First, middle, last)		18650 Liverpoio & Detroit , Mobigat	SELLO)	
COMPLET		RED AND/OR ALTERED. DES	CRIBE WORK ACCOMPLIS	HED ON REVER	SE IN AC-
UNIT	. j. jugi i soc	ine. longit con (er endantsi	MAJOR REPAIR MA	OR ALTERATION
IRFRAME I	une gewißsinzie.	MARIO DE LA MARIE DE LA COMPANIA	n Liotael Cetario 314	Telegraphic	C au
OWERPLANT					ing of the second
ROPELLER	The state of the s	coldensials consis			
120 (20) (40) (41)	TYPE AND MANUFACTURER	96,53		1	1
PPLIANCE*	Sec. 1	0.535 \$	er cycles	man at the land	
	ER the repairs and or alterations described below were made.		pleted by repair or alteration ent, it will not be simpleted At this time, it will be comple		ver, in the ment is in- ing agency,
ويكنا الأثرو		и аррисание.	TER OF GRAVITY (Inches from datum)*		AD (Pounds)*
CATEGOR	1 The State of State		9-101-01-01-01-01-01-01-01-01-01-01-01-01		100
ormal	9858.8	2060	detur 6	0.54 se	.2
CONFORMAGENCY'S NAME OF THE STATE OF THE STA	MITY STATEMENT (Compiles of the AND ADDRESS) 8. Whiteless Goodrich Aristich 8 unicipal Misport	and check) b. KIND OF AGEN U. S. Ce	rtificated Mechanic. Certificated Mechanic	9. 3d st	
CONFORI AGENCY'S HAI FORFORE 1/08-9- ALFORE	MITY STATEMENT (Complete of ME AND ADDRESS S. Whiteless Goodrich Arietich Sunicipal Aisport Chic.	and check) b. Kind of Agen U. S. Ce Roreign Manufas	crificated Mechanic. Gertificated Mechanic. ited Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.)	S. SE	32
CONFORMATION NAMED IN CONFORMATION NAMED IN CONTROL OF STREET NAMED IN CONT	MITY STATEMENT (Compiler of ME AND ADDRESS 8. Unitality Goodrich Aristian 8 unicipal Airport (this. that the repair and/or alternous hereto have been made in mation furnished herein is tru	and check) b. KIND OF AGEN U. S. Ce Certifice Manufau	critificated Mechanic. Certificated Mechanic. Ited Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.) fied under item 3 above and nts of Part, 18 of the U. S. Ciknowledge.	described on the vil Air Regulation	Treverse of
AGENCYS NA FORFEST (OB. F. ALFOR M ALFOR I Certify attachme the inforr 12-6-82 (Date re APROV. Pursuant	MITY STATEMENT (Compile of ME AND ADDRESS S. Unitable Goodrich Syletion 8 unicipal Airport Chio. that the repair and/or altern ints hereto have been made in mation furnished herein is true pair and/or alteration completed) AL FOR RETURN TO SERVI to the authority specified bel the Federal Aviation Agency	and check) b. KIND OF AGEN U. S. Ce Certified Manufa Ation made to the unit(s) identi accordance with the requireme e and correct to the best of my CE (Check and complete appropriate items low the unit identified in item 3 and is	crifficated Mechanic. Gertificated Mechanic. Gertificated Mechanic. ted Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.) fied under item 3 above and nts of Part, 18 of the U. S. Ciknowledge. (Signature of authorized in the manner)	described on the vil Air Regulation ABB 149218 dividual) r prescribed by t	reverse or ns and that he Adminis-
CONFORMAGENCYS MAINTENANCE MARCHAETTENANCE MAINTENANCE MARCHAETTENANCE MARCHAE	MITY STATEMENT (Compile of ME AND ADDRESS S. Unitable Glocdrich Wilston S unicipal Airport Chio that the repair and/or altern also hereto have been made in mation furnished herein is true pair and/or alteration completed) AL FOR RETURN TO SERVI to the authority specified bel the Federal Aviation Agency PEROVED BY FAA De EJECTED BY FAA DE Standard Inspecto	and check) b. Kind of Agen U. S. Ce Coreign Certified Manufastion made to the unit(s) identified in accordance with the requirement e and correct to the best of my low the unit identified in item and is Signe	ertificated Mechanic. Certificated Mechanic. Ited Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.) field under item 3 above and ints of Part, 18 of the U. S. Ciknowledge. (Signature of authorized in the manne) Canadian Department of T Other (Specify)	described on the vil Air Regulation Ass 149218 dividual)	reverse or ns and that he Administration
GENCYS MAIN OFFICE TO THE METERS OF T	MITY STATEMENT (Complete of ME AND ADDRESS) S. Unitable Goodrich Stitution Standard Assertion Standard Standard Standard Standard Standard Standard Standard Standard Standard Inspector Standard Inspector Standard Stan	and check) b. Kind of Agent U. S. Ce Roreign Certified Manufa accordance with the requireme e and correct to the best of my low the unit identified in item 3 and is Repair Station Item certified Repair Station Item Item certified Repair Station Item Item Item certified Repair Station Item	crificated Mechanic. Certificated Mechanic. Gertificated Mechanic. Ged Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.) fied under item 3 above and into of Part 18 of the U. S. Ciknowledge. (Signature of authorized in by was inspected in the manne) Canadian Department of T Other (Specify)	described on the vil Air Regulation Ass 149218 dividual)	reverse or ns and that he Administration
I certify attachme the information of the informati	MITY STATEMENT (Complete of ME AND ADDRESS) S. Unitable Goodrich Arietian Standard Arietian Standard that the repair and/or alternation furnished herein is true pair and/or alternation completed) AL FOR RETURN TO SERVITO to the authority specified believe Federal Aviation Agency PPROVED BY FAA De EJECTED FAA De EJECTED FAA Tinspector	and check) b. Kind of Agen U. S. Ce Roreign Manufa Manufa certified accordance with the requireme e and correct to the legst of my complete appropriate items complete appropriate appropriate items complete appropriate appr	critificated Mechanic. Certificated Mechanic. Ited Repair Station. cturer. (Check if repair or alteration was made under delegation option procedures.) fied under item 3 above and nts of Part, 18 of the U. S. Ciknowledge. (Signature of authorized in the manne) Canadian Department of T Other (Specify)	described on the vil Air Regulation and 149218.	reverse or ns and that he Administration

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

B. DESCRIPTION OF WORK ACCOMPLASHED

Propeller elected system installed per Grussen Aircraft braving Ho.108700 "System installation and Braving Ho. 108701 "Tenk (Asses & Inst.].

Type 21 De-Icer system installed per B.F. Goodrich Co. Installation manual Ho. 61-103. Approval basis 6TC Ho. Sal-366 Cated 2-7-61.

beight and Balance Information

- 2	41.00				felia i ab					7			the large transfer of	
	Ite	100	3.00				frailse si	seight	Pathali	585 mg			yn it in	
	Ship	E 1	Mary Control of the C	Service For the	4. j. il al 4. j						Arm		Moment	
								9678.9		" () 💆 ·	228.9	3	2215887.3	
	Type	21	De-Ig:	r Syste	3		- 1	163.9			233.6	arony 🛂		-
٠	Prop	811	noer .	ing and	24-0-	100	•					₽.	38267.0	•
	9 6				- AABTE		P.	4.0	* * * * * * * * * * * * * * * * * * * *	•	" ?9. 0`		316.0	Ω
	7.0	En 7	TOUR S	nd pusy	La trade	1. 对空间心	- 4	12,00	3	1	7.0	1		
	1.1.3				ж.		•			: -	760		84,0	
	1. 1. 1			Advanta	and the second	4 t 2		1858.60	. San San San	t ale		4.0	2253942.3	0

2253942.80 229.65 Teff of the datum 9858.60

New useful lond to 2891.2 lbs.

All tol Like Sept 1

A sortes wielies Store 0489899999999 browell Legislan high

٠٥٤١٠ معدو،

Wood - Inches

in the streets settle seed to a seed

Oheck block if additional sheets are attached.

33-1- J

6 . ····		FEDERA	L AVIATION	AGENCY	Po	orm approved.
MAJO	R REPAIR AND ALTERATION				OPELLER O	R APPLIANCE)
1. AIRCRAFT	C Fumman		≈6-7 3	SERING HO 4	** * * * * * * * * * * * * * * * * * * *	VALITY AND REGISTRATION MARK
2. OWNER	Packer Pontiac			Detroit, M		w) Venue .
3. COMPLET	TE ONLY FOR UNIT REPAIR CE WITH CIVIL AERONAUTIC	ED AND/OR /	ALTERED, DE	SCRIBE WORK ACCO	MPLISHED (ON REVERSE IN AC-
UNIT	MAKE	in the second	MODEL D <i>ota</i>	SERIAL NO.	able a working	ATURE OF WORK (Check) REPAIR MAJOR ALTERATION
4. AIRFRAME	,	The (As described) requ	rements and as ap	nerem complete the shove de	horized in	STATE
i. POWERPLAN		subj	ect to conformity '18.11(b)	inspection by a person au	0	
c. PROPELLER	· Destroy Company	APF	ROVING INSPECTO	IR M. WAL		
d. APPLIANCE	TYPE AND MANUFACTURER	DA	1 July	131,1961		
	T WEIGHT AND BALANCE DA ER the repairs and/or alterations described below were made.	case of a	spare compor n an aircraft.	npleted by repair or a ent, it will not be cor At this time, it will be	npleted until a	such component is in-
CATEGORY	EMPTY WEIGHT (Po			ITER OF GRAVITY (Inches from	datum)*	USEFUL LOAD (Pounds)*
Standar	d 9 978. 0		228.9 Nose 1	in AFT of Datum	en turner er er er Generale er er er er Generale er	307/.1 He.
5. CONFOR	MITY STATEMENT (Complete and	check)	L KIND OF AGE	arige to tall the		•
MacAr	Trades Inc. thur Airport nkoma, New York		U.S. C. Foreign Certific	ertificated Mechanic. Certificated Mechanicated Repair Station.	teration	115
the inform	that the repair and/or alteratic nte hereto have been made in a nation furnished herein is true a 61	cordance with	the requirement the best of my	nts of Part 18 of the knowledge. R. Btzel	ve and descri U. S. Civil Air orized individual)	bed on the reverse or Regulations and that
Pursuant	L FOR RETURN TO SERVICE to the authority specified below the Federal Aviation Agency and	the unit iden			manner presc	ribed by the Adminis-
RE	PROVED BY GRAA Design Standards Inspector			Canadian Departme	ent of Transpoi	rt Inspector of Aircraft
	of approval or rejection)		(815	fature of authorized individu	al; title or identific	patien number)
	DMPLETED ONLY BY FAA PE		tached memora	6.6.a/re	t Checked	15 100 No.
16-54010-6	FAA designation number)	दल हैंच्या १ द		(Signature Flight S		61 Form FAA-887 (4-52

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airfrane, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original cory of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

The following repairs were accomplished in the left and right center section areas due to corrosion.

Cleaned and treated corrosion along left and right lower aft spar cap strips P/N 112030-2. Affected areas are approximately 5 inches in length, starting at wing Station 125 and progressing inboard. Depth of material removed does not exceed 25% at any place, deepest in center of 5 inch areas. A 75-ST6. 125" x 1.75" x 22.5 was installed outside of lower skin approximately centered on the treated area along the spar cap. All original rivet sizes and spacing used when original skin was reriveted.

Counter-sinks in original skins filled with countersunk heads of revets. Rivet heads drilled through with size for new rivets, same size as original installation. Surface between original lower skin and new reinforcement strap lined with 3M #853 non-Hydroscopic tape.

Cleaned and treated corrosion of left and right stringers "L". affected area approximately 2.5" in length and at no areadeeper that 25% of stringer guage. A flat strip of 75-ST6 x .094" approximately 11" long and same width as stringer was installed on stringer over affected area. This piece was picked up By the existing rivets attaching two P/N 106201 R and two P/N 106201L to stringers. The four P/N 106201 R&L were replaced by newly manufactured parts per drawing 106201.

A. ,051" 24ST plate approximately 6"long was installed in the right tank area inboard of station 125 and between the aft lower cap strip and stringer "L" Purpose of this plate is for a small amount of surface corrosion on inside of lower skin in this area. Al7ST-4 rivets on 1" centers

lower skin in this area. Al7ST-4 rivets on 1" centers.

Removed lower flange of Station 125 left and right ribs, section of flange removed between aft lower spar cap strip and stringer "L. Replaced with formed angle.Lower flangesame width as removed portion, and vertical flange up as high as angle-5 on G.A.E.C. blueprint 106089 (Rib Assy.Sta.125). Material same as rib, but one gauge thicker (.051"). Rivet size and pattern on lower flange is same as existing rivets removed. Vertical flange riveted into existing rib seb 2 rows of Al7-ST-5 rivets on 3/4 spacing.

Removed, cleaned up, or replaced tapping blocks P/N 112063 on lower section of center section as necessary.

Fabricated and installed new stringer seals at station 125 and stringers "L" and "R" left and right sides. Seals part nos 11400L,111400R,111401L and 111401R fabricated from 618T,0.100"material shaped and welded.

Heft and reght fuel tanks resealed.
To change in empty weight.

END

O WHO

O W

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

S. GOVERNMENT PRINTING OFFICE 16-54010-

Form FAA-887 (4-52)

	U:S. DEPARTMENT OF COMMERCE.	DESIGNATION NO. 1-13h		
COMPON	OF COMPLIANCE OF AIRCRAFT OR AIRCRAFT ONTS HITH THE CIVIL AIR REGULATIONS OF DESIGNEE	DATE		
	Structural Engineering	June 7 , 1961		
OCL NO. MODEL FIFE (Airplane, Badio, Heliospier, etc.) G-73 Grumman Mallard Airplane		Grumman Aircraft Engr. Corp. Bethpage, L.I., N. Y.		
		· [1] 是一种,因为一种自然的。		
LISE OF APPROVED REPO		PORTS AND DATA TIPLE		
FAA-337	for Aero Trades Inc., MacArthur prepared by Mr. Joseph H. Etzel	m (Airframe) dated June 5, 1961 Airport, Ronkonkoma, L.I., N.Y. This form covers corrective ag of Grumman Model G-73, Serial No.		
LISTED ABOVE A LISTABLISHED P REQUIREMENTS (ND ON ATTACHED SHEEFS NUMBERED. ROCEDURES AND FOUND TO COMPLY, TO THE BEST C OF THE CIVIL AIR REGULATIONS.	MADDIBUSTRATION, I MEREBY CERTIFY THAT THE DATA HAVE BEEN EXAMINED IN ACCORDANCE WITH F MY KROWLEDGE AND BELIEF WITH THE PERTIMENT		
I THERLFORE IZ	APPROVE THESE DATA.	Tuner C. Adu		

RECORDS BRANCII Aug II 2 03 PH '61

OKLAHOMA CITY, OKLA.

			<u> 1988 - Landin Britania (h. 1988)</u>	ERPLANT, PROPEL	<u> 1 </u>	
. AIRCRAFT	Grumman		MODEL	J-14		N2954
. OWNER	Packer Po	ntiac Comp	Dany	ess (Street and number, city, 20 18650 Liverno Detroit, Mic	ois Avenue	
. COMPLETE CORDANC	ONLY FOR UNIT REWITH CIVIL AERON	EPAIRED AND/O	OR ALTERED. DESCRI	BE WORK ACCOMPLI	SHED ON RE	VERSE IN AC-
UNIT	MAKE		MODEL	SERIAL NO.	NATURE OF MAJOR REPAIR	WORK (Check) MAJOR ALTERATION
AIRFRAME	***************************************	000000 (As descr	ibed in item I above) #####	••••••		XX
POWERPLANT			The regul	ements and is approved only	lfor the phore cos	tribed aircrait
PROPELLER			รบก) 18.1	(b).	Ly 2 paradir datir	I ZEU III OAK
APPLIANCE	TYPE AND MANUFACTU	RER	5 - Date	29.59 Jale	of B. B	ealt
*AFTE	WEIGHT AND BALAN R the repairs and/or alteral secribed below were made.	ions case stall	s item must be complet of a spare component, ed in an aircraft. At the oplicable.	it will not be complete	d until such co	I lowever, in the imponent is in- stalling agency,
Norman CONFORM	9678.9			.94 " aft of Index 221.5		.072 lbs
RE PO	ND R. BENGE MMERT -WER MPANO BEAC MPANO BEAC	H AIRPORT	Certificated Manufacture (Che was 1	ificated Mechanic. Repair Station.		100 mm 1
100		lteration made t	o the unit(s) identified with the requirements of	f Part 18 of the U.S. (d described on Civil Air Regula	the reverse or ations and that
the information of the informati	ts hereto have been ma ation furnished herein i 27/59 Ir and/or alteration completed	s true and correct		(Bignature of authorized i		
5/2 (Date repa APPROVAL Pursuant to trator and	to hereto have been madition furnished herein is 27/59 Ir and/or alteration completed to the authority specific is PROVED BY CLEETED BY	ERVICE (Cacct and d below the unit	complete appropriate items) identified in item 3 was	(Signature of authorized in inspected in the mann anadian Department of	ndividual) er prescribed b	

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Removed one 2217A Antenna.
Installed ARC Type 210 VHF communication unit (Sta. 488). Unit consisting of ARC Type RT-11A receiver-transmitter with RC Type M-31A mounting, ARC Type P-15A power unit with M-32A mounting, A-15antenna and cables control head. MCW S-28-3943-P-S for ARC RT11A. Power was supplied through a PSM 10 amp circuit breaker, power leads are #10 awg wire and control lead are #20 awg wire. Wire bundel runs along with the original wire right side of fuselage above. Head liner wiring was anchored with insulated clamsp. Wire bundel is 50 ft. long and holds the voltage drop to 40% of allowed limits. As required by the electrical cable chart Fig. 12-1 of CAM 18. Wiring used was AN-J-C-48A, and identified in compliance with 18-30-12 (e) (8) (12). Wiring diagram was provided for aircraft file.

Two A-15 antennas were installed at Sta. 382, one on top of fuselage, one on left side, one on right side. A 20/24 -T3-.040 doubler with A- 12" flange was used. Radio rack was made of 20/24/T-3-.040 aluminum hat section 4" wide 1" high, 25" long with a 3/4" flange on both sides, running across fuselage at 3a. 488. Mounting brackets on side of fuselage are of 20/24-T-3-.051 aluminum rivit to the side of the fuselage with AN455-AD4 rivits. The rack is structurely adequate to support the required loads (CAR 3.174, 3:301, 3.386). The rack does not affect other structure or cause interference with controls primary or secondary CAR 3.721.

Note: Continuous electrical load computation made by use of an ammeter placed in the circuit between battery and electrical load. Total electrical load ammeter reading 55 amps. Total generator output one engine out operation of 100 amp generators restricted to a 60 amp max, out put. 52 = 9/2. Senerator Capacity is interfactory for the additional electrical load imposes No restrictions are necessary for single engine emergency operation.

Grumman Mallard
Model G-73
Serl. No. J-14
Reg.No. N2954
Page Two
of 337 dated 5-27-59

WEIGHT AND BALANCE REPORT

그런 보험되었다. 그리고, 살아보았다면 가는데 대학원 아무리를 받았다. 유리 달라를 받았다면 하는데 되었다.	
of the control of the	ion.
수 있다면 수입되어 지식을 하는 것을 못하면 하는데 내가 한 경우를 하는데 모든 사용을 하고 있다면 하는다.	
Aircraft E.W. 9645.0 221.52 220	8010.40
Turn & Bank 1.9	176.7
A-15 Antennas 1.0 882.0	382.0
	8734.4
	3318.4
Gebles Control Head .4 97.0	38.8
하는 것들은 이 대표를 통하다♥이 되었다. 이 사람들은 사람들은 이 사람들이 되었다. 이 사람들은 사람들은 사람들은 사람들이 사용되었다.	2612.5
2217A Antenna - 1.0 366.0 -	366.0
	5907.2

E.W. C.G. / 228.94 inches aft of zero station at nose. Empty Weight 9678.9 pounds Useful load 12,072 pounds Unit Index 221.5

For leading instructions see loading schedule.

Note:

This weight and balance report includes the RTALD Transcever weight of 75.8 lbs. at ste. 414.

Zind R. Benge/ A.I. #681789 5. 7. 9.

ć	_	DAA -	_
,		Form app Budget B	rov

MAIOR	REPAIR AND ALTERATI	CIVIL AERO	RTMENT OF CO NAUTICS ADMINIS	TRATION	•	ireau No. 41-R052.4.
<u> </u>	MAKE Gruman		G-73	SERIAL NO.		ND REGISTRATION MAR
2. OWNER	NAME (First, middle, last) Packer Pontiac C	ompany	ding side i	DRESS (Street and number, city, 18650 IAvers Detroit, Hic	ole Avenue	kanasia Pangataki Pangataki
3. COMPLET CORDANC	E ONLY FOR UNIT REPAIR	ED AND/OR A	LTERED. DESC	RIBE WORK ACCOMP	LISHED ON RE	VERSE IN AC-
UNIT	MAKE		MODEL.	SERÎAL NO.	NATURE OF MAJOR REPAIR	WORK (Check) MAJOR ALTERATION
a. AIRFRAME	***************************************	• (As described i	n item I above) ###	••••••		E
b. POWERPLANT	•					
c. PROPELLER						
. Appliance	TYPE AND MANUFACTURER					
d. APPLIANCE		4:5				
	WEIGHT AND BALANCE DA R the repairs and/or alterations escribed below were made.	case of a	spare component an aircraft. At	eted by repair or altera, it will not be completed this time, it will be con	ted until such co	However, in the omponent is installing agency,
CATEGORY	EMPTY WEIGHT (Pa			OF GRAVITY (Inches from datu	m)* USEF	UL LOAD (Pounds)*
Standard	9645		12.13"	Fed. of Datum		31.05
5. CONFORM	IITY STATEMENT (Complete and	l check)		-7.		
P. O. Inter Mismi	can Airmotive Corpor Box No. 187, Airpor national Airpost h8, Plorida	t Branch	☐ Foreign Ce	eck if repair or altera made under delegation procedures.)	op-	
attachment	ts hereto have been made in a ation furnished herein is true a	ccordance with	the requirements	of Part 18 of the U.S.	Civil Air Regul	
	ir and/or alteration completed)			(Signature of authorized		
Pursuant to trator and	L FOR RETURN TO SERVICE to the authority specified below is PROVED BY CAA Desi CAA Avi Safety Ag 1958 of approval or rejection)	the unit identification Mar	nufacturer	Canadian Department of Other (Specify)	Transport Inspe	ector of Aircraft
	MPLETED ONLY BY CAA PE	RSONNEL	(отвина)			
Accepted Reg.	2 FW (Date) O 13	See att	(Date)	4. J. Cool		(Date)
(CA)	A designation number)		<u> </u>	(Signature Aviation Sa		rm ACA-837 (1-

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning

8. DESCRIPTION OF WORK ACCOMPLISHED.

Installed bow chine spray deflectors per instructions Hallard Customer Bulletin No. 87.

Aircraft water tested, - no leaks. F.W. Kelly A & E # 6050.

Negligible change in weight.

Check block if additional sheets are attached.

1. AIRCRAFT	_8		ODEL.	SERIAL NO.	NA.	-	REGISTRATION MARK
NA NA	Gruss BD ME (First, middie, last)	7 - 1 - 1	G-78	ESS (Street and numb	er, city, zone and	State)	
OWNER Pa	eker Pontiac Co.	ang againt an		Detroit,	Nichie	an	
COMPLETE CORDANCE	ONLY FOR UNIT REPAIRE	D AND/OR	ALTERED. DESCR	BE-WORK ACC	OMPLISHED		
UNIT	, MAKE		MODEL	SERIAL NO.	MAJ	HATURE OF OR REPAIR	WORK (Check) MAJOR ALTERATION
. AIRFRAME		• (As described	in item 1 above) #####	***********	M	各有 部	
b. POWERPLANT							
c. PROPELLER							
& APPLIANCE	TYPE AND MANUFACTURER						
	NEIGHT AND BALANCE DA the repairs and/or alterations ribed below were made.	case of stalled i	em must be complet a spare component, in an aircraft. At ti cable.	it will not be co	impleted unt	il such co	owever, in the mpenent is in- talling agency,
CATEGORY	EMPTY WEIGHT (For	unds)*	EMPTY CENTER O	F GRAVITY (Inches fro	m datum)"	USEFU	L LOAD (Pounds)*
Normal	9645		20.394	Fwd. of	Da tam	8	105
	7000		IX.LO	Sade in		1	
CONFORMIT AGENCY'S NAME A	TY STATEMENT (Complete and ND ADDRESS WIFEZ	check)	6. KIND OF AGENCY		i	. CERTIFICATE	E NO.
s. CONFORMIT a. AGENCY'S NAME A Meinrad Michigar Detroit	TY STATEMENT (Complete and ADDRESS	check)	6. KIND OF AGENCY U. S. Certifi Poreign Cert Certificated Manufacture (Che	cated Mechanic, ificated Mechan Repair Station, ar, cc, if repair or made under deleg	ic.	9007	
5. CONFORMIT a. AGENCY'S NAME A Meinrad Michigar Detroit Detroit d. I certify that attachments the informati	TY STATEMENT (Complete and MIND ADDRESS WITTE AVIATION CO. City Alphort Hichigan t the repair and/or alteration hereto have been made in action furnished herein is true a	n made to ti	6. KIND OF AGENCY U. S. Certific Foreign Cert Certificated Manufacture (Che was 1 tion. The unit(s) identified the requirements of	anted Mechanic. Liftcated Mechan Repair Station. ar. ck if repair or madd under deleg procedures.) under tem 8 at if Part 18 of the vielege	ic. alteration ation op-	9007 cribed on Air Regula	the reverse or
5. CONFORMIT a. AGENCY'S NAME A Michigat Detroit Detroit d. I certify that attachments the informati (Date repair) 5. APPROVAL I Pursuant to itrator and is	TY STATEMENT (Complete and NOD ADDRESS WIFTE AVIATION CO. City Alphort Lichigan the repair and/or alteration hereto have been made in action furnished herein is true a standard alteration completed) FOR RETURN TO SERVICE the authority specified below ROVED BY CAA Desi	on made to the cordance with and correct to the correct to the unit identification of the unit identif	b. KIND OF AGENCY Cortificated Foreign Cert Certificated Manufacture (Che was I tion) Che was I tion Che was	inted Mechanic. Interest of the second of th	alteration pation op-	eribed on Air Regula	the reverse or tions and that
Meinrad Michigar Detroit d. I certify that attachments the informati (Date repair) 5. APPROVAL Pursuant to trator and is ### APPR REJE 2/22/58	WITE AVIATION CO. City Alphore At the repair and/or alteration hereto have been made in a clion furnished herein is true a standard alteration completed) FOR RETURN TO SERVICE the authority specified below ROVED BY CAA Desi Safety Ag	on made to the contract of the unit identification Residues to the	b. KIND OF AGENCY. U. S. Certific Foreign Cert Certificated Manufacture (Che was I tion the unit(s) identified the requirements of the best of my know Mete appropriate items) ntified in item 3 was anufacturer capair Station Micros	anted Mechanic. Lificated Mechanic Repair Station. Article of repair or madd under deleg procedures. Under teem 8 at 1/Part 18 of the viedge of surface of surfac	alteration prove and des U. S. Civil A thorized individue manner provent of Trans	9007 cribed on Air Regula ual) escribed b port Inspe	the reverse or tions and that y the Adminis- etor of Aircraft
Meinrad Michigar Detroit d. I certify that attachments the informati (Date repair F. APPROVAL I Pursuant to trator and is APPR REJE 2/22/58 (Date of a	WITE AVIATION CO. City Alphore the repair and/or alteration hereto have been made in a clion furnished herein is true a clion furnished herein cli	m made to the cordance with and correct to the corr	b. KIND OF AGENCY. U. S. Certific Foreign Cert Certificated Manufacture (Che was I tion the unit(s) identified the requirements of the best of my know Mete appropriate items) ntified in item 3 was anufacturer capair Station Micros	inted Mechanic. intented Mechanic Repair Station. ir. ick if repair or madd under deleg procedures) under item 8 at of Part 18 of the vierge (Signature of au anadian Departm	alteration prove and des U. S. Civil A thorized individue manner provent of Trans	eribed on Air Regula ual) escribed b port Inspe	the reverse or tions and that y the Adminis- etor of Aircraft
S. CONFORMIT a. AGENCY'S NAME A Meinrad Michigat Detroit Detroit Conformation C	Wirtz Aviation Co. City Alphort It the repair and/or alteration hereto have been made in a ton furnished herein is true a sand/or alteration completed) FOR RETURN TO SERVICE the authority specified below ROVED BY CAA Desi Safety Ag Approval or rejection) PLETED ONLY BY CAA PEI	on made to the correct to the unit identity of the	b. KIND OF AGENCY. U. S. Certific Foreign Cert Certificated Manufacture (Che was I tion the unit(s) identified the requirements of the best of my know Mete appropriate items) ntified in item 3 was anufacturer Capair Station (Signature (Signature)	inted Mechanic. Liftcated Mechanic Liftcated Mechanic Repair Station. In the station of the sta	alteration prove and des U. S. Civil A thorized individue manner provent of Trans	eribed on Air Regula ual) escribed b port Inspe	the reverse or tions and that y the Adminis- etor of Aircraft
5. CONFORMIT a. AGENCY'S NAME A Meinrad Michigas Detroit Detroit Conting that attachments the informati (Date repair) 5. APPROVAL I Pursuant to the trator and is APPR REJE 2/22/58 (Date of a 7. TO BE COMI a. Forwarded b. Forwarded conformative transfer of the complete of the conformative transfer of the conformative	TY STATEMENT (Complete and IND ADDRES) Wirtz Aviation Co. City Airport It the repair and/or alteration hereto have been made in action furnished herein is true a band/or alteration completed) FOR RETURN TO SERVICE the authority specified below ROVED BY CAA Desi Safety Ag Approval or rejection) PLETED ONLY BY CAA PEI	n made to the cordance with and correct to correct to correct to correct to correct to cordance correct to cor	b. KIND OF AGENCY U. S. Certific Foreign Certificated Manufacture (Che was I tion tion tion tion Miche best of my know Miche appropriate items) ntified in item 3 was anufacturer Capair Station (Signature ttached memorandum	inted Mechanic. Liftcated Mechanic Liftcated Mechanic Repair Station. In the station of the sta	alteration pation op- ove and des U. S. Civil I thorized individue manner properties that Trans last the or iden	eribed on Air Regula ual) escribed b port Inspe	the reverse or tions and that y the Adminis- etor of Aircraft

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Repaired Left wing tip

Spliced left leading edge skin from slot cut outboard tip

tip rib with 2024 ST .032 skin as original. Splice made as

original factory method of splicing skin on wing.

Spliced skin on top and rear of leading edge skin from tip rib

to first rib inboard with 2024 ST .032 metal. Splice made

to conform to factory splice on top of wing. Counter sunk

rivets used.

Replaced pitot end with new part.

Replaced pitot mast with new tube.

Replaced air tubing and wireing with new parts.

*If additional space is needed attach additional sheets bearing aircraft nationality Check block if additional sheets are attached.

			- <u> </u>	<u> </u>		W-24
	, ,	CIVIL AERON	RTMENT OF CON	RATION	• .	oved. reau No. 41-R052,4.
MAJOR I	REPAIR AND ALTERAT	ON FORM (A	URFRAME, PO	WERPLANT, PROPEL	LER OR APP	LIANCE)
1. AIRCRAFT	Grupaan.	МОС	DEL G -7 ∂	SERIAL NO.	NATIONALITY AN	D REGISTRATION MARK
2. OWNER	ME (First, middle, last) Profess Fontice	. 4	or of the contract of the cont	PRESS (Street and number, city, 20 19050: Linernal Detroit, Mich.	e vac.	
3. COMPLETE	ONLY FOR UNIT REPAIR WITH CIVIL AERONAUTIC	ED AND/OR A	LTERED, DESCI	RIBE WORK ACCOMPLE	SHED ON RE	VERSE IN AC-
UNIT	MAKE	S .	MODEL	SERIAL NO.		WORK (Check) MAJOR ALTERATION
a. AIRFRAME	***************************************	• (As described in	n item I above) 🚧		Х	×
b. POWERPLANT						
c. PROPELLER						
d. APPLIANCE	TYPE AND MANUFACTURER	•	31,71			
4. AIRCRAFT *AFTER des	WEIGHT AND BALANCE Do the repairs and/or alterations cribed below were made.	anca of a	spare component an aircraft. At	eted by repair or alterati , it will not be complete this time, it will be comp	d until such co	However, in the omponent is installing agency,
CATEGORY	EMPTY WEIGHT (P			OF GRAVITY (Inches from datum)	• USEF	UL LDAD (Pounds)*
	0045		10.139	Fud. of Tatum		2205
Normal	TY STATEMENT (Complete an	d check)		/		
a. AGENCY'S NAME			b. KIND OF AGENCY		c. CERTIFICA	TE NO.
Chest	n. Hond. or-Permyville Ai ville, Fo.	.Poo rt	☐ Foreign Ce ☐ Certificate ☐ Manufactu ☐ (C	ficated Mechanic. rtificated Mechanic. 1 Repair Station. rer. seek if repair or alterati s made under delegation of	on	041010
attachments	at the repair and/or alterat hereto have been made in tion furnished herein is true	accordance with	the requirements	or Part 18 of the U. S.	d described or Civil Air Regul	the reverse or lations and that
10.00	= 57 r and/or alteration completed)			(Signature of authorized	individual)	
6. APPROVAL Pursuant to trator and is	FOR RETURN TO SERVICE the authority specified belo	E (Check and compl w the unit iden	tified in item 3 w	as inspected in the mann	ner prescribed	by the Adminis-
REJ	ROVED BY TO CAA DE CAA AS BATELY A	signee	pair Station	Canadian Department of Other (Specify) Line of authorized individual: tijit	TA 78	p4741
	APLETED ONLY BY CAA P	ERSONNEL				
Accepted R	d for engineering comment	☐ See at ☐ Reinspected	tached memorano	um Spot Cho	cked	(Date)
3	SDO 17		_Mau	(Signature Aviation Saf	<u> </u>	
16-54010-4					F	orm ACA-337 (4-52)

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

- 1. Rudder recoved, everbailed and recovered using Grade A labric and fire registent dope.
- 2. Memoved one IMECAFD Receiver and MWC1 Loop Control.
- 3. Installed one ARC of ADF: Receiver, fused with a 10 amm. Circuit
- 4. Almorast weighed and new weight and belance computed at this time.

TO THE REPORT OF THE PARTY OF T

*H additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

			1.0	""		WZXD
ara lor	R REPAIR AND ALTERATIO	CIVIL AERON	RTMENT OF COM NAUTICS ADMINIST	RATION		rcau No. 41-R052.4.
WAJUH AIRCRAFT	Grumman		G 73	SERIAL NO.		ID REGISTRATION MARK
OWNER	NAME (Firet, middle, lost) Packer Pontia	ıc	ADD 18	1855 (Street and number, city, to 1850 Livernois A etroix 21, Michi	ne and State)	Lifette iku Lifeteanjese krij Lifette iku turi
COMPLET	TE ONLY FOR UNIT REPAIRE CE VITH CIVIL AERONAUTIC	ED AND/OR A	LTERED. DESCR	IBE WORK ACCOMPLI	SHED ON RE	VERSE IN AC-
UNIT	MAKE		MODEL	SERIAL NO.	NATURE OF MAJOR REPAIR	WORK (Check) MAJOR ALTERATION
AIRFRAME	**************	♠ (As described in	n item I above) ****	***********		
POWERPLANT						
PROPELLER	Hamilton Standard		23D40-51	158857	X	
APPLIANCE	TYPE AND MANUFACTURER		6533A-18	515386-87-88		
	T WEIGHT AND BALANCE DA ER the repairs and/or alterations described below were made.		spare component, an aircraft. At	ted by repair or alterati it will not be complete this time, it will be comp		However, in the omponent is installing agency,
CATEGOEY	Y EMPTY WEIGHT (Po			OF GRAVITY (Inches from datum)	• USE	FUL LOAD (Pounds)*
tandaro	1 9648	5	12.13" Fwd	of Datum	S	105
	MITY STATEMENT (Complete and ME AND ADDRESS	check)	b. KIND OF AGENCY		c. CERTIFICA	TE NO.
Lan	nmert-Werner, Inc. nbert Field Louis 21, Mo.		Foreign Ce	icated Mechanic. tificated Mechanic, Repair Station. er. erk if repair or alterati made under delegation o procedures.)	3919 on op-	
attachmenthe inform	that the repair and/or alterations hereto have been made in a mation furnished herein is true a	ccordance with	e unit(s) identified the requirements	under item 3 above an of Part 18 of the U.S.	Oldir ing Teopa	
(Date re	25-57 pair and/or alteration completed)		6.4~	(Signature of authorized	Repairm	an #1261774
(Date rej 5. APPROVA Pursuant trator and	pair and/or alteration completed) AL FOR RETURN TO SERVICE to the authority specified below	w the unit iden	tified in item 3 w		individual) ner prescribed	ot by the Adminis-
(Date rej. APPROV.) Pursuant trator and trator and Ri	pair and/or alteration completed) AL FOR RETURN TO SERVICE to the authority specified below diss PPROVED BY CAA Des CAA Avisafety Ag 6 - 5 7	w the unit iden	nufacturer (as inspected in the mann	ner prescribed Transport Insp	by the Adminis- pector of Aircraft
(Date rej. APPROV/Pursuant trator and trator and trator.)	pair and/or alteration completed) AL FOR RETURN TO SERVICE to the authority specified below d is PPROVED BY CAA Des EJECTED BY CAA Avi Safety Ag 6 17 cof approval or rejection) COMPLETED ONLY BY CAA PE rded for engineering comment	w the unit iden signee	nufacturer 0 0 0 0 0 0 0 0 0	Canadian Department of Other (Specify)	ner prescribed Transport Insi	by the Adminis- pector of Aircraft
(Date rej. APPROV.) Pursuant trator and trator and (Date rej. (Dat	pair and/or alteration completed) AL FOR RETURN TO SERVICE to the authority specified below d is PPROVED BY CAA Des EJECTED BY CAA Avi Safety Ag 6 17 cof approval or rejection) COMPLETED ONLY BY CAA PE rded for engineering comment	w the unit iden signee	nufacturer 0 0 0 0 0 0 0 0 0	Canadian Department of Other (Specify) Canadian Department of Other (Specify) Canadian Department of Other (Specify)	ner prescribed Transport Insp or identification of the color of the co	by the Adminis- pector of Aircraft

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Propeller overhauled. All steel parts magnetic inspected. Hub assembly cad, plated and baked. Blades measured for tolerance. Penetrant inspected and given mirror finish. Blade corrosion barrier installed as per Hamilton Standard Bulletin #390. Prop assembled and balanced in accordance with manufacturers specifications. Low pitch indexed for 12 high pitch 84°. Preload .015 shims. Prop O.K. for service.



"If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. S. SOVERBREAT PRINTING OFFICE 15-54010-

			CIVIL AERON	TMENT OF COM	RATION		oved. reau No. 41-R052.4.
MAJOR	REPAIR A	IND ALTERATIO	N FORM (A	IRFRAME, POV	WERPLANT, PROPEL	LER OR APP	'LIANCE)
AIRCRAFT	MAKE		MODI	a for any contract of the cont	SERIAL NO.	N 2954	ID REGISTRATION MARK
	Grumma HAME (First, mi			G 73°	RESS (Street and number, city, to		11.11.N.2.11
OWNER	Packer	Pontiac			8650 Livernois A etroit 21, Michi	gan), e[tigespl] ; ett. [t ::Tipesis (1, 579)
COMPLET	E ONLY FO	R UNIT REPAIRE	D AND/OR AL MANUAL 18.	TERED. DÉSCR	RIBE WORK ACCOMPL	ISHED ON RE	VERSE IN AC-
UNIT		MAKE		IODEL	SERIAL NO.	MAJOR REPAIR	WORK (Check) MAJOR ALTERATION
IRFRAME			(As described in	item I above) ****	**********		
POWERPLANT			Sie Bar				
PROPELLER		on Standard	23D40-	31	158858	X	
APPLIANCE	TYPE A	IND MANUFACTURER	6533A-	18	515389-90-91		
*AFTE	T WEIGHT A ER the repairs described below	AND BALANCE DA' and/or alterations o were made.		spare component an aircraft. At	eted by repair or alterat, it will not be complete this time, it will be comp		However, in the component is in- astalling agency,
CATEGORY					OF GRAVITY (Inches from datum	ı)* USE	FUL LOAD (Pounds)*
	r. 1	EMPTY WEIGHT (Pot	unds)	EMPIT CERTER			-,
1		9645			Fwd. of Datum		3105
CONFORM	MITY STATI	9645 EMENT (Complete and		12.13"]		e. CERTIFICA	
CONFORM		9645 EMENT (Complete and		12.13"]	Fwd. of Datum		
CONFORM	MITY STATI	9645 EMENT (Complete and	check) 155	12.13" I b. KIND OF AGENCY U. S. Certi Foreign Ce	Fwd. of Datum	g. CERTIFICA	LTE NO.
CONFORM AGENCY'S NAM	MITY STATI	9645 EMENT (Complete and	check) 155	12.13" I b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate	Fwd. of Datum ficated Mechanic. rtificated Mechanic. d Repair Station.		LTE NO.
CONFORM AGENCY'S NAM	MITY STATI	9645 EMENT (Complete and -Werner, In	check) 155	12.13" I b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactu	Fwd. of Datum Grated Mechanic. Artificated Mechanic. Repair Station. Irer.	e. CERTIFICA	LTE NO.
AGENCY'S NAME	MITY STATI	9645 EMENT (Complete and	check) 155	12.13" I b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactur (CI Way	Fwd. of Datum ficated Mechanic. rtificated Mechanic. d Repair Station.	s. CERTIFICA	LTE NO.
CONFORM AGENCY'S NAM B I S I certify attachmen the inform	MITY STATI ME AND ADDRESS Remmer Lambert St. Louis that the re- ents hereto he mation furnis	9645 EMENT (Complete and -Werner, In Field 21, Mo. pair and/or alteration have been made in a hed herein is true a	check) so	b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactu (C) was tion e unit(s) identifies	Fwd. of Datum ificated Mechanic. rtificated Mechanic. d Repair Station. urer. heck if repair or alterats made under delegation procedures.) d under item 3 above a of Part 18 of the U. S.	s. CERTIFICA 39 ion op- nd described o Civil Air Regu	19
CONFORM AGENCYS NAM B I S I certify attachmen the inform (Date re)	MITY STATI ME AND ADDRESS Remmer(Lambert St. Louis that the reprints hereto him mation furnis 10-25-57 Pagir and/or alter AL FOR RE- to the author	9645 EMENT (Complete and -Werner, In Field 121, Mo. pair and/or alteration ave been made in action to the completed)	on made to the coordance with and correct to	b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactu (CI was tion e unit(s) identifie the requirements the best of my kn	ficated Mechanic. rtificated Mechanic. d Repair Station. reck if repair or alterates made under delegation a procedures.) d under item 3 above a sof Part 18 of the U. S. owledge. (Signature of authorized years inspected in the man	s. CERTIFICA 39 clon op- nd described o Civil Air Regu Repairm i individual)	in the reverse or elations and that the theorem is the same of the
I certify attachmen the inform	MITY STATI ME AND ADDRESS Remmer Lambert St. Louis that the report in th	9645 EMENT (Complete and -Werner, In Field 121, Mo. pair and/or alteration ave been made in action to the completed)	check) re on made to the coordance with and correct to the unit identification Re	b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactu (Ci was tion e unit(s) identifie the requirements the best of my kn atter appropriate items) tified in item 3 w unufacturer pair Station	finated Mechanic. rtificated Mechanic. d Repair Station. urer. heek if repair or alterats s made under delegation n procedures.) d under item 3 above a s of Part 18 of the U. S. owledge. (Signature of authorized was inspected in the man Canadian Department of Other (Specify)	c. CERTIFICA 39 Lion op- and described of Civil Air Regulation Repairm I individual) and rescribed Transport Ins	in the reverse or elations and that the man #1261774 by the Administration of Aircraft
I certify attachmen the inform	MITY STATI ME AND ADDRESS Remmer Lambert St. Louis that the report that the report to hard to furnity 10-25-57 repair and/or alter AL FOR REto the author d is PPROVED LEJECTED G-57 ta of approval or	9645 EMENT (Complete and the complete and the completed) TURN TO SERVICE ority specified below Safety Agreements.	occet) so on made to the coordance with and correct to the coordance with an action with a contract to the coordance with a correct to the correct	b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufactu (Ci was tion e unit(s) identifie the requirements the best of my kn atter appropriate items) tified in item 3 w unufacturer pair Station	ficated Mechanic. rtificated Mechanic. d Repair Station. rer. heck if repair or alterats made under delegation n procedures.) d under item 3 above as of Part 18 of the U. S. owledge. (Signature of authorized vas inspected in the man	c. CERTIFICA 39 Lion op- and described of Civil Air Regulation Repairm I individual) and rescribed Transport Ins	in the reverse or elations and that the theorem is the same of the
I certify attachment the information of the informa	MITY STATI ME AND ADDRESS Remmer Lambert St. Louis that the report to the author of the author d is PPROVED LEJECTED G 5 7 to of approval or COMPLETED	9645 EMENT (Complete and -Werner, In Field 21, Mo. Pair and/or alteration are been made in a shed herein is true a shed herein i	check) so on made to the coordance with and correct to the coordance with an action with a correct to the coordance with a correct to the correct	b. KIND OF AGENCY U. S. Certi Foreign Ce Certificate Manufacture e unit(s) identifies the requirements the best of my kn det appropriate items) tified in item 3 w mufacturer pair Station	ficated Mechanic. crificated Mechanic. crificated Mechanic. drepair Station. cree. heck if repair or alterates made under delegation in procedures. d under item 3 above a sof Part 18 of the U. S. owledge. (Signature of authorized in the man Canadian Department of Other (Specify)	s. CERTIFICA 39 ion op- nd described of Civil Air Regulation individual) mer prescribed f Transport Ins	in the reverse or elations and that the man #1261774 by the Administration of Aircraft

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance... After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Propeller overhauled. All Steel parts magnetic inspected. Hub assembly cad, plated and baked. Blades measured for tolerance. Penetrant inspected and given mirror finish. Blade corrosion barrier installed as per Hamilton Standard Bulletin #390. Prop assembled and balanced in accordance with manufacturers specifications. Low pitch indexed for 12° high pitch 84°. Preload .020 shims. Prop O.K, for service.

ALIGHE PRINTED

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. S. GOVERNMENT PRINTING OFFICE 16-54010-

	REPAIR AND ALTERATIO	MODE	G-73	J-14	RATIONAL 1	N2954	RATION MARK
WNER	AME (First, middle, lost)			DDRESS (Street and number, city 18660 Linerno: Detroit, Mich	ls Ave.		
OMPLETE	ONLY FOR UNIT REPAIRI	ED AND/OR AL S MANUAL 18.	TERED. DES	CRIBE WORK ACCOM	PLISHED OF	URE OF WORK (Chech)
UNIT	MAKE		ODEL	SERIAL NO.	MAJOR R		ALTERATION
IRFRAME	***************************************	(As described in	item I above) 94	*************			
OWERPLANT	Pratt & Whitney	R1 340		P327929	XXX	8 4	
ROPELLER							
APPLIANCE	TYPE AND MANUFACTURER						
· AFTE	WEIGHT AND BALANCE D. R the repairs and/or alterations secribed below were made. EMPTY WEIGHT (P	case of a stalled in if applica	spare compon an aircraft. ble.	apleted by repair or alternt, it will not be comp At this time, it will be c	ompleted by	the installin	g agency,
Norma			12.1	3" Fwd. of Da	tum	310	05
	IITY STATEMENT (Complete and E and Address	d check)	b. KIND OF AGE	HCY	e. C	ERTIFICATE NO.	1
inbert	that the repair and/or altera	tion made to the	☐ Foreign SCertific ☐ Manufa	(Check if repair or alt was made under delegat tion procedures.) lified under item 3 above and of Part 18 of the U	ion op-	3933	reverse or
the inform	nts hereto have been made in nation furnished herein is true 22, 1957 pair and/or alteration completed)	and correct to	the best of my	ins & Man	orized individual	341467	
,	AL FOR RETURN TO SERVI	esignee M	anufacturer epair Station	☐ Canadian Departme ☐ Other (Specify)	t of Transport	ort Inspector	of Aircraft
Octobe	a of sourcest or rejection)						1. T 37

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this
the CAA for administrative purposes. The duplicate copy is retained by

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

This is to certify that this Pratt & Whitney model R1340 engine, S/N P327929 was completely major overhauled. Magnetos, carburetor, ignition harness were given major overhaul. All steel parts magnetic inspected. Inspected all aluminum alloy parts. List of parts replaced in engine:

	56	4614	needle brg.
	12	5999	rollers
-	. 2	11730	brg.
	4	280	acrewa
- 1	ī	32256	
-	6	32154	brg.
-	ĭ	206442	
	i		
	_	65 ^	pin
- 2	1	104	brg.
į	į	13704	shim
٠.;	1	13633	baffle
. !	1	58893	screen
Ċ]	122	brg.
- 3	1	2211	cap
ij.		5020	lock
1	1	17187	snap ring
1	4	33456	ring
	1	30	pin
;	- 4	12768	brg.
	18	15893	ferrel
	1	12895	brg.
	ī	35081	pin
1	ī		key
	2	87	
	ĩ	10128	key
i.	_		key
÷ •	144	3/8"	pal nute
	75	5/16"	elastic nuts
	1	116999	gasket set
	10	32383	grommet
	18	38674	grommet
			-

118383 oig. 4060-1 cig. cover 18 78643 18. elbows gasket knuckle pins 14128 32154A 6532-514 lea 6332-615 lea 6332-615 lea lead lead 6332-1212 lead 7349 grommet 21844 grommet 12707 26378 olips cam



^{*}If additional space is needed attach additional spects bearing aircraft nationality and registration mark and date work completed.

Check block if additional spects are attached.

W-240

. AIRCRAFT M	(AKE	and the state of t	мо	DDEL	SERIAL NO.		D REGISTRATION MARK
	Grun			G-73	J-14 DRESS (Street and number, city, to		954
OWNER	-	Pontiac C			18650 Linernoi Detroit, Mich.	s Ave.	
COMPLETE	ONLY FOR	R ÚNIT REPAIRE IL AERONAUTICS	D AND/OR A	ALTÉRED. DESCI	RIBE WORK ACCOMPL	ISHED ON RE	VERSE IN AC-
UNIT		MAKE		MODEL	SERIAL NO.	NATURE OF MAJOR REPAIR	WORK (Check) MAJOR ALTERATION
AIRFRAME	****	***************************************	(As described	in item I above) 9000			
POWERPLANT	Pratt	& Whitney	Rls	340	P327939	XXX	rg is over
PROPELLER						<u></u>	N. C.
. APPLIANCE	TYPE AN	D MANUFACTURER		W (2)		•	
*AFTER		ND BALANCE DAT nd/or alterations were made.		a spare component in an aircraft At	eted by repair or alteration, it will not be complete this time, it will be comp		
CATEGORY		EMPTY WEIGHT (Pou			OF GRAVITY (Inches from datum)• USE	UL LOAD (Pounds)*
:			5 7 4 5				
Manna 7				1			
Normal	1	9645		12.13	Fed. of Datum		3 1 05
	ITY STATE	9645 MENT (Complete and a	rheck)	12.13	Fed. of Datum		3105
, CONFORM , AGENCY'S NAME	AND ADDRESS	MENT (Complete and c		b. KIND OF AGENCY		c. CERTIFICA	
Engine W Lambert St. Loui	AND ADDRESS FIGHT	MENT (Complete and a Incorporate Missouri	3d	b. KIND OF AGENCY U. S. Cert Foreign Co Manufactor (C) Was tio	ificated Mechanic. ertificated Mechanic, d Repair Station. urer. heck if repair or alterate s made under delegation n procedures.)	ion opp	TE NO.
S. CONFORM a. AGENCY'S NAME Regine W Lambert St. Loui d. I certify the attachment the informs October (Date repa	Piet the repair and/or alternation furnish	Incorporate Incorporate Incorporate In and/or alteration we been made in acced herein is true as 187 Itom completed)	n made to the cordance with and correct to	b. KIND OF AGENCY U. S. Cert Foreign C. Manufacta (C. Wa tio the unit(s) identifies h the requirement the best of my kn	ificated Mechanic. ertificated Mechanic. d Repair Station. urer. heck if repair or alterates made under delegation on procedures.) d under item 3 above as of Part 18 of the U.S.	on op- ad described or Civil Air Regu	933
A I certify the attachment the informs October GAPPROVAL Pursuant to trator and in Re. Cotober Cotober	nat the repairs the repairs hereto have ation furnish. If and/or alternation to the author is	Incorporate Incorporate Incorporate Missouri Air and/or alteration we been made in acced herein is true and B7 tlom completed) URN TO SERVICE rity specified below CAA Design CAA Avis Safety Age	n made to the cordance with and correct to (Check and compthe unit identified to the unit i	b. KIND OF ASENCY U. S. Cert Foreign C. Manufacta Manufacta (C Wa tio the unit(s) identifies the requirement the best of my kn plete autor-priate items) ntified in item 3 v anufacturer epair Station	ificated Mechanic. ertificated Mechanic. d Repair Station. urer. heck if repair or alterative smade under delegation on procedures.) d under item 3 above as of Part 18 of the U.S. owledge. (Signature of authorized years inspected in the manual Canadian Department of	don opposed of Civil Air Regularity	the reverse or lations and that by the Adminis-
APPROVAL Pursuant to trator and in Re. Cotober (Date repa (Date of Re.	provide approval or response to the substantian furnish. PROVED JECTED J. 19 19, 19 19, 19 19, 19 19, 19	Incorporate Incorporate Incorporate Missouri Air and/or alteration we been made in acced herein is true and B7 tlom completed) URN TO SERVICE rity specified below CAA Design CAA Avis Safety Age	n made to the cordance with and correct to (Check and compthe unit idea gnee Mation Reconnect	U. S. Cert U. S. Cert U. S. Cert Foreign C. U. S. Cert Foreign C. U. S. Cert U. S. Certificate U. S. Certifi	ificated Mechanic. ertificated Mechanic. d Repair Station. arer. heck if repair or alteratiss made under delegation of procedures.) d under item 3 above at sof Part 18 of the U. S. owledge. (Signature of authorized vas inspected in the manical Canadian Department of Other (Specify) he Homfeld Chure a authorized individual: ite	don opposed of Civil Air Regularity	the reverse or lations and that by the Adminis-
A PEROVACION DE COLORDO CONTRA DE COLORDO COMPANDA DE COLORDO	AND ADDRESS FOR 8, P1 eld L8 21, Lat the repa Lat the repa Lation furnish L9 19 LT and/or alterat L FOR RETI O the author is LECTED LECTED LECTED MPLETED LECTED LE	Incorporate Incorporate Incorporate Missouri Air and/or alteration we been made in acced herein is true as End herein is true as E	n made to the cordance with and correct to (Check and compthe unit idea gnee Mation Reconnect	U. S. Cert Foreign C Wa Certificate Manufacture (C wa tion C wa	ificated Mechanic. ertificated Mechanic. d Repair Station. arer. heck if repair or alteration procedures. d under item 3 above at so f Part 18 of the U. S. owledge. (Signatural of authorized ras inspected in the many Canadian Department of Other (Specify) http://doi.org/10.1007/10.	don opposed of Civil Air Regularity	the reverse or lations and that by the Adminis-

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning

8. DESCRIPTION OF WORK ACCOMPLISHED.

This is to certify that this Pratt & Whitney model R1340 engine, S/N P327939 was completely major overhauled. Hagnetos, carburetor, ignition harness were given major overhaul. All steel parts magnetic inspected. Inspected all aluminum alloy parts. List of parts replaced in engine:

1	12707	brg.	1.1	6552-6	15 leads
1	1044	pin	1	6332-1	212 lead
7	5999	roller	9	21844	grommets
2	11730	brg.	9	7349	grommeta
1	32256	brg.	4	9294	nuts
6	32154A	pin	2	21355	keepers
1	104	brg.	2	17018	keepers
ī	12895	brg.	18	30489	rocker shaft seals
4	12768	brg.	1	23521	piston
1	13704	shim	9	23402	exhaust guldes
<u>2</u>	85	key	1	1163	intake valve
2	109	brg.	18	31724	seals
ĩ	9156	key	18	17354	gaskets
ī	2211	cap	Θ.	15945	rings
ī	5020	lock	18	188543	rings
ī	17187	snap ring	- 18	15736	rings
4	33456	ring	9	37734	rings
ĭ	30	pin	18	13621	corks
ī	116999	gasket set	2.	13212	stud
ī	35081	pin	8	9016	rocker brg.
2	4614	needle brg.	ile billio		
8	87	key			
ĩ	10128	key	47 1 44	Harry Live	والترب فالمراز والمحككة وتهويركان



[&]quot;If additional space is needed attach additional sheets bearing

Check block if additional sheets are attached.

25820 gaaket AN913-6 plug 6332-514 leads

15893

13633

37315

13670

38674

14128

₩ 8992

18

18

y, I,

ferrel

baffle

elbows 4060-1 cig. covers

grommets

gaskets bolt

gear 12081/4 stud 118383 cig. 78643

bracket

	REPAIR AND ALTERAT	CIVIL AER	ARTMENT OF CO	TRATION	DODELLER		ored. resu No. 41-R052.4.
	MAKE Grownen	and the state of the state of	ODEL G-73	SERIAL NO.			D REGISTRATION MARK
z. OWNER	NAME (First, middle, lost) Packer Pontiac Co			18650 Live Detroit, I	ilch.		
COMPLETE CORDANC	E ONLY FOR UNIT REPAI E WITH CIVIL AERONAUT	RED AND/OR ICS MANUAL	ALTERED. DESC	RIBE WORK AC			
UNIT	MAKE		MODEL	SERIAL NO). 	JOR REPAIR	WORK (Check). 34
L AIRFRAME	***************************************	ooo (As described	i in item I above) 🙌	•••••			X
. POWERPLANT							
. PROPELLER				1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0
. APPLIANCE	TYPE AND MANUFACTURER						
category Std.	escribed below were made. EMPTY WEIGHT (9367	if appli	EMPTY CENTE	this time, it will r of gravity (Inches)	rom dalum)*		UL LOAD (Pounds)*
. CONFORM	IITY STATEMENT (Complete of	end check)					
3714 ef	iC.		☐ Foreign C ☐ Certificate ☐ Manufact ☐ C	crificated Mechanic ertificated Mecha ed Repair Station, urer. theck if repair or is made under dele in procedures.)	nic.	1 & E 1	
Dec .) (Date repr	hat the repair and/or alterate hereto have been made in ation furnished herein is true 1956 air and/or alteration compilied) L FOR RETURN TO SERVI to the authority specified believed.	accordance will and correct to	the unit(s) identifits the requirement the best of my ke	ed under item 3 is of Part 18 of the nowledge. (Signature of the state of the stat	anthorized individ	Air Kegui	ations and tilge
APEC	PROVED] [CAA D	viation R	epair Station	Canadian Depart Other (Specify)	NSPECTI	329	THORIZATIO
- □ Forward	OMPLETED ONLY BY CAA I	☐ See	attached memoran				000
Accepte	A designation number)	☐ Reinspecte	d (Date	ey Palell	Spot Checked	R	leg. 3 KC

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

	ACCOMPLISHED.		

Installed Lear L-2C Aut	opilot per Dwg. 95	600 as follows:		
ITEM		<u>m</u>	· ARY	MOVENT
Aileron Servo and Capst	an	6.0	258	1.548.0
Rudder Servo and Capsta	n .	6.0	₩ _ 433	2,598.0
Elevator Servo and Capa	tan -	6.0	387	2,322.0
Aileron follow-up		0.8	233	186.4
Elevator follow-up.		0.8	496	396.8
Rudder follow-up		0.8	498	398.4
Dynamotor power supply	e ji mellinden delilijihat den ejistisi.	5.5	32	176.0
Autopilot Amplifier		7.6	. 42	319.4
Elev. Trim Tab Servo		2.1	L31	905.1
Directional Gyro		2.8	93	260.4
Attitude Gyro		2.9	93	269.7
Controller		1.8	96	172.8
Blectrical Wiring, etc.		20.0	230	4,600.0
ethini asing sugar Til Island				

그 꿈이 되는데 뭐 가게 하셨다. 나는 나는 나를 모		the control of the co
Total Wt. added	63.1	14,153.0
Previous Empty Wt.	9,294.0	222.42 2,067,139.59
New Empty Wt.	9,357.1	2,081,292.59

New EGG = $\frac{2,081,292.59}{9.387.1}$ = 222.4 aft of Sta. 0

Distance from main wing beam (C.A.A. datum) = 233.65 -(222.h) = -11.25° fed. of datum

Useful load = 12,750 -9,357 = 3,393 pounds

Load in accordance with information in Section V of airplane Flight Manual, using an Empty Weight of 9,357 pounds and an index unit of 208.1

R. E. Weir Lear, Inc.

If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. S. GOVERNMENT PRINTING OFFICE 18-54010-4

AIRCRAFT	R REPAIR AND ALTER/		G-73		J-14		N 295	
AIRCRAFT	NAME (First, middle, last)		1	ADDR	ESS (Street and number, c		State)	
OWNER	PACKER PONT		e přesie sesti <u>– mar</u>		8650 LIVER ETROIT, H	CHIGA	B.	rener IN AC-
COMPLET	TE ONLY FOR UNIT REP CE WITH CIVIL AERONAL	AIRED AND	R ALTER	ED. DESCR	IBE WORK ACCO	MPLISHED	ON REV	PERSE IN AC-
CORDAN	CE WITH CIVIL ALKONIA				SERIAL NO.		,	
· UNIT	MAKE		MODEL		22,22	MAJ	OR REPAIR	MAJOR ALTERATION
AIRFRAME		***** (As descr	ibed in item	I abave) *****	***********	XX	XXXX	XXXXX
AIRFRANL								
POWERPLAN	τ			egasi e sakari Sa	100		-	
				Maria de la facilita				
PROPELLER				<u> </u>				
. APPLIANCE	TYPE AND MANUFACTURE	K						1.1
. APPLIANCE				-	l	ttion p	ganey F	lowever, in the
. AIRCRAI	T WEIGHT AND BALANC	E DATA Th	is item mu e of a spare	st be comple component,	ited by repair or all it will not be con	apieted un	All amob or	mnonent is in-
-AF1	TER the repairs and/or alteratio described below were made.	5ta	lled in an a	ircratt. At	tillis tillio, 20 tilli		* * <u> </u>	
CATEGOR	EMPTY WEIG	HT (Pounds)*		EMPTY CENTER	OF GRAVITY (Inches from	dalum)*	USEF	UL LOAD (Pounds)*
CATEGO	<u>`</u>				. 00			3456
1	. 0004			-11	.23			つそへの
只要ANDA	IRD 9294		'1					
Ŧ ' ' '				<u> </u>				
	RMITY STI TEMENT (Comp	icle and check)	B. 1	CIND OF AGENCY			c. CERTIFICA	TE NO.
5. CONFOF	RMITY ST. TEMENT (Comp			(IND OF AGENCY	ficated Mechanic.		c. CERTIFICA	TE NO.
5. CONFOF	RMITY ST/ TEMENT (Compane And Address	WC.	[(IND OF AGENCY U. S. Certi Foreign Ce	ficated Mechanic.	0.		TE NO.
5. CONFOF	AMITY STITEMENT (Compane and address AME O TRADES, 1	NC.		U.S. Certi Poreign Ce	ficated Mechanic, rtificated Mechanic d'Repair Station.	c.	c. CERTIFICA	TE NO.
5. CONFOF	RMITY ST/ TEMENT (Compane And Address	NC.		U. S. Certi Foreign Ce Certificate Manufactu	ficated Mechanic. rtificated Mechanic d'Repair Station. rer.	Iteration		TE NO.
5. CONFOF	AMITY STITEMENT (Compane and address AME O TRADES, 1	NC.		U. S. Certi Poreign Ce Certificate Manufactu	ficated Mechanic. rtificated Mechanid Repair Station. rer. rer. s made under deleg	Iteration		TE NO.
5. CONFOF	ARITY STATEMENT (Compane and address ARRO TRADES, 1 MAC ARTHUR AIR BONKONKORA, DE	THC. RPORT TU YORK		ORD OF AGENCY] U. S. Certi] Foreign Ce Certificate Manufactu (CI was tion	ficated Mechanic. rtificated Mechanic l'Repair Station. rer. rer. s made under delega	Iteration ation op-	115	the reverse OF
5. CONFOR	ARMITY ST. TEMENT (Compane and address ARRO TRADES, 1 MAC ARTHUR AIE RONKONKORA, BE	PORT FORE teration made	to the unit	J. S. Certi Poreign Ce Certificate (C) (C) (C) (C) (t(s) identific	ficated Mechanic. rtificated Mechanic d'Repair Station. reck if repair or a made under delega procedures.) d under tem 3 ab of Part 18 of the	Iteration ation op-	115	the reverse OF
5. CONFOR	AMITY STATEMENT (Compane and address AMENO TRADES, IMAC ARTHUR AIR RONKONKOKA, BR	PORT FORE teration made	to the unit	U. S. Certi Poreign Ce Certificate (C) (C) was tion it(s) identific requirements est of my kn	ficated Mechanic. rtificated Mechanid Repair Station. rer. heck if repair or as made under delegen procedures.) d under tem Sab s of Part 18 of the owledge.	Iteration ation op- ove and d U. S. Civi	115	the reverse OF
d. I certify attachur the info	AMITY STATEMENT (Companies and ADDRESS AREA TRADES, I MAC ARTHUR AZEROMEOREORA, EXPENSE AND ADDRESS AREA TO THE TRADES AND ADDRESS AND ADD	RPORT RPORT Iteration made in accordance true and corrections.	to the unit	U. S. Certi Poreign Ce Certificate (C) (C) was tion it(s) identific requirements est of my kn	ficated Mechanic. rtificated Mechanic i Repair Station. research for the station of the station	Iteration ation op-	115 escribed of Air Regu	the reverse OF
d. I certify attachm the info	AMITY ST. TEMENT (Companies and ADDRESS AREA TRADES, I MAC ARTHUR ATEROMEOREMA, ELECTRICAL AND ADDRESS AREA OF THE TRADES AND ADDRESS AND	RPORT RPORT RW YORK teration made le in accordant true and corre	to the university to the best to the b	U. S. Certi Poreign Ce Certificate Manufactu (C) was tion it(s) identifier requirements east of my kn	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. s made under delega n procedures.) d under tem 3 ab s of Part 18 of the owledge.	ove and d U. S. Civi	escribed of l'Air Regu	n the reverse or
d. I certify attachm the info	AMITY ST. TEMENT (Companies and ADDRESS AREA TRADES, I MAC ARTHUR ATEROMEOREMA, ELECTRICAL AND ADDRESS AREA OF THE TRADES AND ADDRESS AND	RPORT RPORT RW YORK teration made le in accordant true and corre	to the university to the best to the b	U. S. Certi Poreign Ce Certificate Manufactu (C) was tion it(s) identifier requirements east of my kn	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. s made under delega n procedures.) d under tem 3 ab s of Part 18 of the owledge.	ove and d U. S. Civi	escribed of l'Air Regu	n the reverse or
d. I certify attachm the info	ARMITY ST. TEMENT (Compane and ADDRESS ARRO TRADES, I HAC ARTHUR AIE ROBROTRONA, SE That the repair and/or al sents hereto have been madrimation furnished herein is 9/29/56 repair and/or alteration completed) VAL FOR RETURN TO SE to to the authority specified	RPORT RPORT RW YORK teration made le in accordant true and corre	to the university to the best to the b	V. S. Certi Poreign Ce Certificates Manufactu (C) was tion ti(s) identifier requirements east of my kn JOSEPH propriete ltems) in item 3 v	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. s made under delega n procedures.) d under item ab s of Part 18 of the owledge. (Signature au ass inspected in the	ove and du. S. Civi	escribed o	on the reverse or listons and that
d. I certify attachur the info (Date 6. APPRO Pursuar trator a	AMITY ST. TEMENT (Companies and ADDRESS AEHO TRADES, I MAC ARTHUR AIR From that the repair and/or a sents hereto have been madermation furnished herein is 9/29/56 Fepair and/or alteration completed) VAL FOR RETURN TO SET to the authority specified and is	EVICE (Check at below the un	to the university to the bound complete opinit identifies	JOSEPH OF AGENCY OF	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. s made under delega n procedures.) d under tem 3 ab s of Part 18 of the owledge.	ove and du. S. Civi	escribed o	n the reverse or lations and that by the Administration of the Adm
d. I certify attachur the info (Date 6. APPRO Pursuar trator a	That the repair and/or alteration furnished herein is 9/29/56 repair and/or alteration completed) VAL FOR RETURN TO SE to the authority specific cond is	THE OPPOSE TO THE POSE OF T	to the unive with the ect to the built identified	V. S. Certi Foreign Ce Certificates Manufactu (Ci) (it(s) identifice requirements east of my kn Foreign Certificates Control Con	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. s made under delega n procedures.) d under item ab s of Part 18 of the owledge. (Signature au ass inspected in the	ove and du. S. Civi	escribed o	on the reverse or listons and that
d. I certify attachur the info (Date 6. APPRO Pursuar trator a	That the repair and/or alteration furnished herein is 9/29/56 repair and/or alteration completed) VAL FOR RETURN TO SE to the authority specific cond is	EVICE (Check at below the un	to the unive with the ect to the built identified	V. S. Certi Foreign Ce Certificates Manufactu (Ci) (it(s) identifice requirements east of my kn Foreign Certificates Control Con	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. heck if repair or as made under delega procedures.) d under teem 8 ab s of Part 18 of the owledge. (Signature as an as inspected in the	ove and du. S. Civi	escribed of Air Regulation (Air Regulation)	by the Administraction in the reverse or literature and that the state of the Administraction in the Administracti
d. I certify attachu the info (Date 6. APPRO Pursuan trator a	That the repair and/or al rents hereto have been mad is to the authority specified and is	THE OPPOSE TO THE POSE OF T	to the unive with the ect to the built identified	U. S. Certi Poreign Ce Certificates Manufactu (C) was tion (it(s) identifier requirements east of my kn JOSEPH Company Company	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. ser. smade under delega procedures.) d under item S ab s of Part 18 of the owledge. (Signature of au cas inspected in the	ove and d U. S. Civi	escribed of Air Regulation of	by the Administraction in the reverse or later and that the Administraction in the control of th
d. I certify attachur the info (Date 6. APPRO Pursuar trator a	AREAD TRADES, I MACE ARTHUR AIE RONKOEKONA, EE RONK	THE OPPOSE TO THE POSE OF T	to the unive with the ect to the built identified	U. S. Certi Poreign Ce Certificates Manufactu (C) was tion (it(s) identifier requirements east of my kn JOSEPH Company Company	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. heck if repair or as made under delega procedures.) d under teem 8 ab s of Part 18 of the owledge. (Signature as an as inspected in the	ove and d U. S. Civi	escribed of Air Regulation of	by the Administraction in the reverse or later and that the Administraction in the control of th
d. I certify attachm the info (Date 6. APPRO Pursuar trator a	RMITY ST. TEMENT (Compane AND ADDRESS AREO TRADES, 1 HAC ARTHUR AZE RONKOEKOMA, EE Y that the repair and/or a nents hereto have been mad remation furnished herein is 9/29/56 TO ARTHURN TO SE A	EVICE (Check a libelow the unitary Agent	to the university to the bound complete opinit identifies Manufa	U. S. Certi Poreign Ce Certificates Manufactu (C) was tion (it(s) identifier requirements east of my kn JOSEPH Company Company	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. ser. smade under delega procedures.) d under item S ab s of Part 18 of the owledge. (Signature of au cas inspected in the	ove and d U. S. Civi	escribed of Air Regulation of	by the Administraction in the reverse or later and that the Administraction in the control of th
d. I certify attachm the info (Date 6. APPRO Pursuar trator a	ARMITY STATEMENT (Compane AND ADDRESS AREO TRADES, I MAC ARTHUR AZE RONKOEKONA, EE To that the repair and/or altents hereto have been madermation furnished herein is 9/29/56 TO THE TO THE ADDRESS IN THE ADDRESS	teration made in accordant true and corner in accordant true accordant true accordant true in accordant true	to the university to the bound complete opinit identifies Manufa Repair	U. S. Certi Poreign Ce Certificates Manufactu (C) was tion (it(s) identifier requirements east of my kn JOSEPH Company Company	ficated Mechanic. rtificated Mechanic it Repair Station. rer. heck if repair or as made under delega procedures.) d under teem 8 ab s of Part 18 of the owledge. (Signature as an inspected in the Canadian Departm Other (Specify) ture of authorized Indivi-	ulteration ation op- ove and d U. S. Civi thorist individual indiv	escribed of Air Regulation of the Air Regula	by the Administraction in the reverse or later and that the Administraction in the control of th
d. I certify attachm the info (Date 6. APPRO Pursuar trator a	AMITY ST/ TEMENT (Compane AND ADDRESS ARRO TRADES, IMAC ARTHUR ATERIOR AND ADDRESS To that the repair and/or alternation furnished herein is 9/29/56 PARTOURN TO SET TO COMPLETED SET COMPLETED SET COMPLETED SET COMPLETED ONLY BY COMPLETED ONLY	THE PORT EV YORR Iteration made is in accordance true and corn RVICE (Check at below the unit of the low the unit of the low the unit of the low A Personnetty Agent	to the university to the bound complete opinit identifies Manufa Repair	U. S. Certi Foreign Ce Certificates Manufactu (C) (S)	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. ser. ser. ser. ser. ser. ser. ser	ove and d U. S. Civi	escribed of Air Regulation of	by the Administration and that the Administration and the Administra
d. I certify attachm the info (Date 6. APPRO Pursuar trator a	AREAD TRADES, I HAC ARTHUR AIE RONKOEKONA, EE RONKOEKONA, EN RONKOEKONA, EE RONKOEKONA, EE RONKOEKONA, EE RONKOEKONA, EE RONKOEKONA, EN RONKOEKONA, EE RONKOEKONA, EN RONKOEKONA, EE RONKOEKONA, EN RONKO	THE PORT EV YORR Iteration made is in accordance true and corn RVICE (Check at below the unit of the low the unit of the low the unit of the low A Personnetty Agent	to the university to the bound complete opinit identifies Manufa Repair	U. S. Certi Poreign Ce Certificate Certificate (Ci was tion it(s) identific requirements est of my kn JOSEPH Station Station (Signal	ficated Mechanic. rtificated Mechanic d'Repair Station. rer. ser. ser. ser. ser. ser. ser. ser	ulteration ation op- ove and d U. S. Civi thorist individual indiv	escribed of Air Regulation of	by the Administraction in the reverse or later and that the Administraction in the control of th

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

RECOVERED LEFT AND RIGHT FLAPS WITH PACTORY SUPPLIED SEINS IN ACCORDANCE TO PACTORY SPECIFICATIONS.

REBUILT LEFT AND RIGHT ELEVATORS FROM SPARS AFT IN ACCORDANCE WITH GRUNNAN AIRCREFT ENGINEERING CORP. BLUE PRINT NO. 106713.

ELEVATORS COVERED WITH GRADE "A" PARRIC, AND NITRATE DOPE.

REPLACED SECTIONS OF LEFT AND RIGHT LOWER HULL SKINS FROM STEP PORMARD IN ACCORDANCE WITH HANUPACTURERS SPECIFICATIONS DATED APRIL 17 1956.

APRIL 17, 1956.

REPLACED 96 INCHES OF REEL, STEP FORWARD. INSTALLED NEW SKIN PART NUMBER 112028 AND THE DOWN PITTING ON RIGHT FLOAT.

INSTALLED NEW ELEVATOR CONTROL QUADRANT P/N 106716-1.

RE-INSTALLED OVERHAULED NOSE WHEEL ASSEMBLY.

RE-INSTALLED OVERHAULED WING FLAP CYLINDERS.

HAND PUMP SELECTOR BENCH CHECKED AND RE-INSTALLED.

ITEN		EICHT WT.		LANGE ARM	Konena	13.23.0
PREV	IOUS E.W			1:16		
	ACA337 D 6/19/56	9261.0		22.19	2057701.59	
inst.	ALLED HETA	L				
	APS	33.0	86	36.00	9438.00	
HEW .	e-w. ác.c	9294.0	. 22	2.42	2067139.59	

233.65°-222.42 • 11.23 E.C.G. PRON CAA DATUM 12750-9294 • 3456 LBB. NEW USEFUL LOAD.

END.

[&]quot;H additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

ASD	0	-/	3

	MAKE G	Substitute Frequency		MODEL	G73 Halls	rdi s	PLANT, PROPEL ERIAL NO.	1 1	NALITY AND	REGISTRATION MAN
OWNER	NAME (First, 7	niddle, last) Packe	r Pontiac	7			Street and number, city, 20 18650 LAVOTO Destroit, Kiel	ols Nigan		
COMPLETE	E ONLY E	OR UNIT REPA	TICS MANUA	OR ALTI	ERED. DESC	RIBE	WORK ACCOMPL	ISHED	ON REV	/ERSE IN AC
TINU		MAKE		MOD			SERIAL NO.	100	R REPAIR	WORK (Check)
AIRFRAME	•	***************************************	10000 (As descr	ribed in it	em I above) +++	****	*******		* 1 ·	8
POWERPLANT										
PROPELLER								~		
PROPELLER	TYPE	AND MANUFACTURER				1)
APPLIANCE										Iowever, in th
*AFTE	ER the repair lescribed bel	AND BALANCE s and/or alteration our tears made. EMPTY WEIGH	cas stal if a	e of a sp lled in a applicabl	pare componer in aircraft. A le.	t this	by repair or alterate will not be complet time, it will be com	pleted	by the in	stalling agency
CATEGORY	r . †	EMPTY WEIGH	(PRINTED)						-	4 1 2 4
100		V. 1.0								2 1.00
Standar	rd.		261			-	11.16			89يلو 3
5. CONFOR	MITY STA	93 TEMENT (Comple	261. de and check)		b. KIND OF AGENC	ay .	the Mechanic.	c.	. CERTIFICA	
AGENCYS NAME AGENCY NAME AGEN	MITY STAME AND ADDRESS 1 Inter 2 Box 6 1 LB; F	TEMENT (Compless Reptive Corpstional Airportional Airpor	261 de and check) poration rport t Brench		U.S. Cer Foreign (Certificat Manufac	tificate Certific ted Re- turer. Check as ma-	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.)	tion op-	3606	TE NO.
A. AGENCYS NAM A. AGENCYS NAM A. AGENCYS NAM P. O. Misson 4. I certify attachme the infort	MITY STAME AND ADDRESS LOGIN ASI LIGHT FOR A STATE OF THE	TEMENT (Compless) Reptive Cornectional Airport lorida epair and/or althave been made aished herein is	261 te and check) poration rport t Breach	to the	U. S. Cer Foreign (Certifical Manufac	tificate Certific ted Re turer. Check as mas ion pro ied un its of I	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.) der item 3 above i	tion op-	3606	1/A
AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY NAM	MITY STAME AND ADDRESS CORN A1: 1 Inter: 1 Lib, F that the r that the r must hereto mation furr 10, 19 pair add/or at	TEMENT (Compless TRACTIVE Cornectional Ail 187, Airport lorida epair and/or althave been made hished herein is larted lorida l	poration port Breach eration made in accordance	to the se with the to the	U. S. Cer Foreign (Certificat Manufac (With	tificate Certific ted Re- turer. Check as ma- tion pro- lied un tts of I	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.) der item 3 above i	tion op-	3606	1/A
AGENCY'S NAME OF THE PROPERTY	MITY STAME AND ADDRESS 1081 ASI 1 Inter. 1 UB, F that the r mis hereto mation furration furr	TEMENT (Compless Rective Cornectional Al 187, Airport Lorida epair and/or alt have been made ished herein is	portion made in accordance true and corrective and	to the se with the control to the co	Unit (s) identificate the requirement to best of my in the appropriate tiens affect in item 3	tificate Certific ted Re- turer. Check ras ma- tion pro- tied un tts of I tnowle- was in	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.) der item 3 above (Part 18 of the H. S des Station of sutherize (Signature of sutherize aspected in the ma	and des Civil	3606 Seribed of Air Regulation Regulation Regulation Regulation Regulation Reserved Regulation Reserved Regulation Reserved Regulation Reserved Regulation Reserved Regulation	n the reverse lations and the
AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY STATE AGENCY STATE AGENCY STATE AGENCY STATE AGENCY STATE AGENCY STATE AGENCY A	MITY STAME AND ADDRESS 1081 ASI 1 Inter. 1 UB, F that the r mis hereto mation furration furr	TEMENT (Completes) Reptive Cornectional Ail 187, Airport lorida epair and/or alt have been made inshed herein is learned between the completed) ETURN TO SEF hority specified BY CAL	poration rport t Breach eration made in accordance true and corre evice (Check as below the uni	to the se with the control to the complete it identified the complete it id	U. S. Cer Foreign (Certificat Manufac Unit(a) identifiche requiremente best of my le e appropriate tieras fified in item 3	tificata' Certificated Re- turer. Check was maion pro- fied un tts of I nowle- was in Can Can Can Can Can Can Can Can Can Ca	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.) der item 3 above it Part 18 of the H. S der item 3 above it graphic at a substitution of substitution in the su	and des Civil	3606 Seribed of Air Regulation Regulation Regulation Regulation Regulation Reserved Regulation Reserved Regulation Reserved Regulation Reserved Regulation Reserved Regulation	n the reverse lations and the
ARENT AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY'S NAME AGENCY AGE	MITY STAME AND ADDRESSED ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED ADDRESSED AND ADDRESSED ADDRESSED AND ADDRESSED ADDRESSED AND ADDRESSED ADD	rement (Compless reptive Cornectional Ai 187, Airpor lorida epair and/or alt have been made hished herein is ETURN TO SEF hority specified Bay CAA Safe CAA Safe or rejection)	poration made in accordance rue and correction to the correction of the correction o	to the se with the to the set to	U. S. Ceu Foreign (Certificas Manufac Unit (a) identificate requirement (a) text of my is appropriate trems (fied in items (a) identified in identified in items (a) identified in identified in identified in identified in identified i	tificate Certificate ded Received Recei	ed Mechanic. ated Mechanic. pair Station. if repair or alterade under delegation cedures.) der item 3 above of the U.S. der item 4 above of the U.S. der item 4 above of the U.S. der item 5 above of the U.S. der item 5 above of the U.S. der item 5 above of the U.S. der item 6 above of the U.S. der item 7	and des Civil	3606 seribed or Air Regulation Re	n the reverse lations and the
ARENT'S NAME OF THE STATE OF TH	MITY STAME AND ADDRESS ICEN A1: I Inter: Par 6: I IB; F that the r mts hereto mation furn The stamp of	epair and/or althave been made inshed herein is santom completed) ETURN TO SEF hority specified Bay CAA Bafe or rejection)	poration port t Breach eration made in accordance true and corre RVICE (Check and below the uni A Designee A Aviation ty Agent	to the se with the to the set to	U. S. Cer Foreign (Certificat Manufac Unit(a) identifiche requiremente best of my le e appropriate terms filed in item 3 uffacturer [air Station [Sign	tificate Certificate Certificate Certificate Certificate Certificate Certificate Certificate Certificate Certificate Construction Const	ed Mechanic. ated Mechanic. pair Station. if repair or alterade under delegation occlures.) der item 3 above of the U.S. design of the U.S. design of the U.S. (Signature of authorize and in the manadian Department of the U.S. authorized individual: the understand individual: the understan	and des Civil And Grand And Civil dindivid	3606 seribed or Air Regulation Re	n the reverse lations and the
AGENCY'S NAME OF THE PROPERTY	MITY STAME AND ADDRESSED ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED AND ADDRESSED ADD	rement (Compless reptive Cornectional Ai 187, Airpor lorida epair and/or alt have been made hished herein is ETURN TO SEF hority specified Bay CAA Safe CAA Safe or rejection)	poration port t Breach eration made in accordance true and corre RVICE (Check and below the uni A Designee A Aviation ty Agent	to the be with the to the with the to the standard complete it identifies the Reps Reps Reps Reps Reps Reps Reps Rep	U. S. Ceu Foreign (Certificas Manufac Unit (a) identificate requirement (a) text of my is appropriate trems (fied in items (a) identified in identified in items (a) identified in identified in identified in identified in identified i	tificate certificate certifica	ed Mechanic. ated Mechanic. pair Station. if repair or altera de under delegation cedures.) der item 3 above if Part 18 of the U. S destrict of the U. S d	and des Civil And Grand And Civil dindivid	3606 seribed or Air Regulation Re	n the reverse lations and the

8. DESCRIPTION OF WORK ACCOMPLISHED.

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

Ganged Rotary Beacon Circuit as per electric

AMERICAN AIRMOTIVE CORP. 3606 AIRFRAME LIMITED

AIT Press S.W.

10 Amp.

A. S. SOVERNBERT PRINTING OFFICE 16-64010-

^{*}If additional space is needed attach additional sheets bearing gireraft nationality and registration mark and date work completed.

MAJOR		VIL AERO	RTMENT OF COMMUNICATION OF COMUNICATION OF COMMUNICATION	RATION	e întage	ireau No. 41-R052.4.
I. AIRCRAFT	Grumman		73 Mallard	SERIAL NO. J=14		ND RECISTRATION MAR
The second of the second	iame (First, middle, last) Packer Pontiac			RESS (Street and number, city, so 8650 Livernois etroit, Michiga		
3. COMPLETE CORDANCE	ONLY FOR UNIT REPAIRED A	ND/OR A	LTERED. DESCR	IBE WORK ACCOMPLI	SHED ON RE	VERSE IN AC-
UNIT	MAKE		MODEL	SERIAL NO.	MAJOR REPAIR	WORK (Check)
a. AIRFRAME	******************* (Az	described (n item I above) ***	•••••••		х.
b. POWERPLANT			a vicar a estaria. Ajimar veri 111. ej			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
c. PROPELLER						1.2
d. APPLIANCE	TYPE AND MANUFACTURER					
	WEIGHT AND BALANCE DATA the repairs and/or alterations teribed below were made.	case of a	spare component, an aircraft. At	ted by repair or alterati it will not be completed his time, it will be comp	d until such c	omponent is in-
CATEGORY	EMPTY WEIGHT (Pounds)*	Гаррия		OF GRAVITY (Inches from datum)	usei	FUL LOAD (Pounds)*
Stan.	9,261		-1	1.46		3 , 489
5. CONFORMI	TY STATEMENT (Complete and check)	•				
a. AGENCY'S NAME	AND ADDRESS		b. KIND OF AGENCY	· · · · · · · · · · · · · · · · · · ·	c. CERTIFICA	TE NO.
naka.				cated Mechanic.		
• 1		• -		tificated Mechanic.		
	IY SOUTH AIRCRAFT SERVICE	• 20	1 · -	Repair Station.	ا ا	(3
, SRO	WAID COUNTY INTERNIATIONAL AIRCORT	•	☐ Manufactur			
	FORT LAUDERDALE, FLORIDA		Was	ock if repair or alteration made under delegation of)n p-	
		•	tion	procedures.)		
d I certify the attachments the information	at the repair and/or alteration mass shereto have been made in accorda- tion furnished herein is true and co	de to the three with prect to t	unit(s) identified the requirements he best of my kno	under item 3 above and of Part 18 of the U. S. C. wledge.	l described or livil Air Regul	the reverse or ations and that
March	14, 1956	•		Kuchana		
(Date repair	r and/or alteration completed)	* ?		(Signature of authorized in	odividusi)	
	FOR RETURN TO SERVICE (Check the authority specified below the use			s inspected in the mann	er prescribed l	by the Adminis-
	ROVED BY CAA Designee CAA Aviation Safety Agent			anadian Department of I	Transport Insp	ector of Aircraft
	h 14, 1956 approval or rejection)		(Signatur	of authorized individual; title	or identification n	amber)
7. TO BE COM	IPLETED ONLY BY CAA PERSON	INEL			4	
a ☐ Forwarder b. ☐ Accepted	MADER OF THE CO.	☐ See att aspected .	tached memorandu	m Spot Chec	ked	(Date)
19	designation number)			(Signature Aviation Safet	y Agent)	η^{r}

BEEF & S HAM

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

B. DESCRIPTION OF WORK ACCOMPLISHED.

The following radio equipment was removed from aircraft:

- 1. Narco, VTR, Modulator and antenna. 2. MN-26-K Range receiver.
- 3. MN-54-A Fixed loop antenna.

The following equipment was installed in aircraft:

1. 2 each ARC - Type 15D Omnis.

- ARC-CD-1 Course director. 2.
- ARC-F-11-A Amplifier.
- 4 ARC-T-11 Transmitter.
- R89B/ARN-5A Glide path receiver.

Radio equipment removal, installation and final check out performed by Radio Department, Sunny South Aircraft Service personnel, with approved type installation prints for the above mentioned equipment.

WEIGHT AND	BALANCE COMPU	TATION	
a (1≥5m ₹	9,242.0	Arm	Moment
Aircraft, 9	9,242.0	<u>Arm</u> - 11.56	106892.175
(Removed adipment)			
Nasso MR 37	7∙5	-141.0	/· 1057 . 5
Narro modurator	6.75	-184.0	1242.00
Narco mitenna	5•25	+ 10.0	52.50
IN-26- Renge receiver	42.0	-181.0	7602.0
IN-54-A Fixed loop antenna	4.5	- 94.0	423.0
(Installed Equipment)		医乳腺素 化二氯甲基甲基	
2 each ARC, type 15D Omni equipment	44.0	-193.0	8492.0
ARC-CD-1 Course director	8.€6	-105.0	903.0
ARC-CD-1 Course director unit	2.0	+261.0	522.0
ARC-F-11-A Amplifier	8.0	-105.0	840.0
ARC-T-11 Transmitter	3∙8	-105.0	399.0
R89B/ARN-5A Glide Path	18.8	-105.0	1974.0
	9,261.0 lbs.		106078.175

New Empty Wt. 9,261. lbs. New Empty Wt. C.G. 11.46 lbs. 3,489. Useful load lbs.

^{*}If additional space is needed attach additional sheets bearing aircraft nationality and registration mark Check block if additional sheets are attached.

			ARTMENT OF COMM		Form appr Budget Bu	roved. ireau No. 41-R052.4.
MAJOR	REPAIR AND ALTERATI	ON FORM	(AIRFRAME, POW	ERPLANT, PROPE	LLER OR API	PLIANCE)
1. AIRCRAFT	Grumman	1 2	173 Mallard	SERIAL NO.	NATIONALITY A	ND REGISTRATION MAR
2. OWNER	RAME (First, middle, last) Gar Wood		5. N	ss (Stret and number, city, 574 Collins ami Beach,	Avenue Plorida	rillija (195 Gartillijaek (194 Valsti (1958)
CORDANC	E ONLY FOR UNIT REPAIR E WITH CIVIL AERONAUTIC	S MANUAL	Т			WORK (Check)
UNII	MAKE		MODEL	SERIAL NO.	MAJOR REPAIR	MAJOR ALTERATION
a. AIRFRAME	***************************************	M (As described	l in item I above) ******	**********	×	*
b. POWERPLANT						}
c. PROPELLER						
d. APPLIANCE	TYPE AND MANUFACTURER					
*AFTEI de	WEIGHT AND BALANCE DA R the repairs and/or alterations pecribed below were made.	case of	em must be complete a spare component, it in an aircraft. At thi cable.	will not be complet	ed until such co	mponent is in-
CATEGORY	EMPTY WEIGHT (Po	unda)*	EMPTY CENTER OF	GRAVITY (Inches from datus	a)* USEF	UL LOAD (Pounds)*
tandard				- C D A		
5. CONFORM a. AGENCY'S NAME		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	b. KIND OF AGENCY	of Datum	c. CERTIFICAT	, 508 E NO.
a. AGENCY'S NAME LUNNY SOU LOWARD (ITY STATEMENT (Compide and AND ADDRESS uth Aircraft Serv County Internatio port derdale, Florida	vice, In	b. KIND OF AGENCY U. S. Certifica Foreign Certif Certificated R Manufacturer. (Check was mu tion pr	ted Mechanic. icated Mechanic. epair Station. if repair or alterat de under delegation occdures.)	c. CERTIFICAY	E NO.
5. CONFORM a. AGENCYS NAME Sunny Sou Foward (Fort Lauc d I certify th attachment	ITY STATEMENT (Compide and AND ADDRESS With Aircraft Serv County Internation port	n made to the	b. KIND OF AGENCY U. S. Certifica Foreign Certifi Certificated R Manufacturer. (Check was mution properties of the requirements of the requir	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occurres.)	c. CERTIFICAT	7 3
5. CONFORM a. AGENCY'S NAME CURRY'S NAME CUR	ity STATEMENT (Compide and ADDRESS ith Aircraft Serve County Internation port derdale, Florida at the repair and/cr alteration is hereto have been made in account and the repair and/cr alterations hereto have been made in account and the repair and/cr alterations.	n made to the	b. KIND OF AGENCY U. S. Certifica Foreign Certif Certificated R Manufacturer. (Check was mation proper unit(s) identified unit the requirements of the best of my knowled.	ted Mechanic. leated Mechanic. epair Station. if repair or alterst ade under delegation occurres.) ander item 3 above an Part 18 of the U. S.	c. CERTIFICAT 367 ion op- and described on Civil Air Regula	7 3
a. AGENCY'S NAME CONTROL AGENCY'S NAME COUNTY SOU FOWARD I certify the attachment the informa (Date repair Charterpair (Date Popul APPROVAL	ity Statement (Complete and AND ADDRESS with Aircraft Serve County Internation port derdale, Florida at the repair and/cr alteration shereto have been made in action furnished herein is true at a rand/or alteration completed) FOR RETURN TO SERVICE the authority specified below	on made to the coordance with and correct to	b. KIND OF AGENCY U. S. Certifica Foreign Certificated R Certificated R Manufacturer. (Check was mution processed in the requirements of the best of my knowle corporate temporate te	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occurres.) ander item 3 above an Part 18 of the U. S. idge. (Signature of authorized	c. CERTIFICAT 367 ion op- ad described on Civil Air Regula	the reverse or tions and that
A AGENCY'S NAME COUNTY SOU FOWARD OFT Lauc I certify the attachment the informa Se/2-2 (Date repai 5. APPROVAL Pursuant to trator and in	ity STATEMENT (Compide and ADDRESS uth Aircraft Serv County Internation port derdale, Florida at the repair and/cr alteration is the authority sheet of the authority specified below a CAA Design C	m made to the coordance with and correct to (Cack and comp the unit ider	b. KIND OF AGENCY U. S. Certifica Foreign Certificated R Certificated R Manufacturer. (Check was mution pr the unit(s) identified un the requirements of the best of my knowled T. McCant the appropriate terms) thiffed in item 3 was in unufacturer Can	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occurres.) ander item 3 above an Part 18 of the U. S. idge. (Signature of authorized	c. CERTIFICAT 367 ion opposed described on Civil Air Regula	the reverse or tions and that
L Certify th attachment the information (Date repair APPROVAL Pursuant to trator and in the information and i	ity STATEMENT (Complete and AND ADDRESS uth Aircraft Serve County Internation port derdale, Florida at the repair and/or alteration is true a stron furnished herein is true a formation and an action furnished herein is true a formation and/or alteration completed) FOR RETURN TO SERVICE the authority specified below is ROVED BY CAA Designer CAA Avia	m made to the coordance with and correct to (Cack and comp the unit ider	b. KIND OF AGENCY U. S. Certifica Foreign Certificated R Certificated R Manufacturer. (Check was mution properties of the best of my knowled appropriate thrms) in the requirements of the best of my knowled appropriate thrms) integrated in item 3 was integrated in item 3 was integrated in other compair Station of the co	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occdures.) Part 18 of the U. S. edge. (Signature of authorized unspected in the manuadian Department of	donopopological described on Civil Air Regula individual) Transport Inspe	the reverse or tions and that y the Administrator of Aircraft
A APPROVAL PURSUANT TO BE COM TO WARD A TO STATE OF THE PROVAL A TO BE COM TO MAKE TO TO BE COM TO STATE OF THE POWER TO BE COM TO BE COM TO BE COM TO BE COM TO FORWARD A DEFORMANCE TO BE COM T	ity Statement (Complete and And Address ith Aircraft Serv County Internation port derdale, Florida at the repair and/cr alteration is hereto have been made in action furnished herein is true a from alteration completed) FOR RETURN TO SERVICE the authority specified below is served by the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety Age CAA Designation of the authority specified below is safety age of the authority specified below in the authority specified below is safety age of the authority specified below is safety age of the authority specified below in the authority specified below is safety age of the authority specified below is safety age of the authority specified below in the authority specified below is safety age of the authority specified below in the authority specified below in the authority specified below is safety age of the authority specified below in the authority specifie	m made to the coordance with and correct to the coordance with and correct to the unit ider the unit	b. KIND OF AGENCY U. S. Certifica Foreign Certificated R Certificated R Manufacturer. (Check was mution properties of the best of my knowled appropriate thrms) in the requirements of the best of my knowled appropriate thrms) integrated in item 3 was integrated in item 3 was integrated in other compair Station of the co	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occdures.) Part 18 of the U. S. adge. (Signature of authorized in the manuadian Department of ar (Specify)	a. CERTIFICAY 367 ion op- nd described on Civil Air Regula individual) ner prescribed b Transport Inspe or identification nur	the reverse or tions and that y the Administrator of Aircraft
Lauce of training and in the information of the inf	ith Aircraft Service and Approval or rejection) ROVED BY CAA Designer of CAA Avia Safety Age Approval or rejection) APLETED ONLY BY CAA PEF d for engineering comment	on made to the coordance with and correct to the unit ider the unit ider the unit ider Resonnel Resonnel See at	U. S. Certifica Foreign Certificate Foreign Certificated R Manufacturer. (Check was must be unit(s) identified unit the requirements of the best of my knowle T. Manufacturer Can pair Station Other Control	ted Mechanic. icated Mechanic. epair Station. if repair or alterated under delegation occdures.) ander item 3 above as Part 18 of the U. S. idge. (Signature of authorized in the manual adian Department of ar (Specify)	d described on Civil Air Regular individual) Transport Insperent or identification nurse or identification nurse cked	the reverse or tions and that y the Administrator of Aircraft

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

B. DESCRIPTION OF WORK ACCOMPLISHED.*

- 1. Hull bottom patched per manufacturer's recommendations 34m dia. hole. L.H. side fwd. of step. See Pict. #1 & 2.
- 2. L.H. Flap repaired. Replaced two outboard ribs with parts supplied by manufacturer. See Pict. #3.
- Installed new L.H. float pedestal and inc. side of two upper bolts in float fitting from 20 to 5/160 per manufacturer's approval. Pict. #4.
- 4. L.H. Aileron repaired. Replaced three ribs at inboard end with parts supplied by manufacturer. Spliced L.E. and Spar web outboard of center hinge per attached sheets. See Picts. #5, 6, 7, 8 and 9.
- 5. Liff. Sing repaired Sta. 230 outboard tip all new from Sta. 317.

 All lower stringers replaced from tip to Sta. 230 outboard.

 Two upper stringers attaching to float fittings spliced near

 Sta. 317. Also aft upper T. E. stringer. Remainder of upper

 stringers replaced from tip to Sta. 230. Upper and lower T. E.

 skins spliced at Sta. 317. 24-ST-3 used in outboard Panels,

 O.K. by manufacturer. L.E. Section replaced from Sta. 317

 outboard. Manufacturer's parts used in all cases except T. E.

 Skin. See Piots. 10 through 13.
- 6. Fabric replaced where required. Entire airplane painted.

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. S. GOVERNMENT PRINTING OFFICE 18 S4010-

Page 1.

G73 Grussman Mallard Serial No. J-14

LEFT WING REPAIR

Stringer Splices 9 Sta 317 (Ref. Photos #10 and #11) Ref: G.A.E. Report #2507 Section II-A

Stringers C & E were spliced and also P.

Stringer C was spliced just outboard of Sta 317

Stringers E & F were spliced just inboard of Sta 317

The allowable loads for these stringers are (Ref. II-18-19)

Str C 6000# Str D 6000# Str E 6250#

Using 106216 splices as furnished by manufacturer, the minimum strength is as follows:

10 AD4 Rivets in sides (.040)

Minimum of 13 AD 3 Rivets in tep to skin 2821# (100°C.S.R.)

Allowable 6681#

M.S. is adequate

Page 1.

G73 Grunden Wallard Serial No. 1-14

LEFT ING PEPAIR

Stringer Splices 9 Sta 317 (Ref. Sotoo #13 and #11)
Ref: G.A.B. Report #2507 Section II-A

Stringers C & E wase spliced and riso P.

Stringer C was spliced just inhort of Sta 317
Stringers E & F were pliced just inhort of Sta 317
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for these stringers are (Sef. II-1853) 7
The allowable loads for th

5 10 34 Al Str D 60004 .

Using 106216 splices as furnished by manufacturer, the minimum strength is as follower

10 AD4 Rivets in sides (.040)
Minimum of 13 AD 3 Rivets in top to skin 2811# (100°C.S.F. Allowable . . . 6681#

M.S. is adequate

G73 Grumman F lucd Serial No. J-14

Page 2

LEFT WING REPAIR (CONTID)

The top and bottom trailing edge skins were spliced at Sta. 317 using an .040 splice strip 1 11/16" wide. Both skins and splice strips are Z4ST-3 by permission of manufacturer instead of R301-T6 due to low loads at this station. (Ref. Peport #2507 Page II-10) (Ref. Photos 11, 12, and 13)

Upper Surface Cond. III,

Stress 9 d - equals -16300 PS1 (-16300) (.032) equals 521 #/11

Stress # e - equals -12500 PS1 (-12500) (.032) equals 400 #/11

Stress @ f - equals -11700 PS1 (-11700) (.032) equals 374 #/11

AN 426-AD4 Rivets in dimpled skin and CISK Plate

Allowable is 374# Ref. ANC-5 Use Rivets Approx. 2 on Centers Allowable Load is 748 #/11

Minimum M.S. Bending is 44% 9 d

Same spacing used entire length Upper stringers joggled over splice strip

Skin Splice @ Sta. 317

Lover Surface

Stress @ 1 equals 7309 PS1 (7309) (.032) equals 234 #/11

Stress @ j equals 14936 PS1 (14936) (.032) equals 478 #/11

Same spacing used as top surface

M.S. Bending is 56% 9 j

The splice plates running spanwise at D & K are spliced per manufacturer's request using ZAD5 rivets and 1AD4 Rivet per side. The splice is also .051

\$ 030C

是

of least 1 least

SIME VENTE

The top and hottom trailing edge skins were spliced at Sta. 317 using on .041 splice strict 1 11/16 wide. Both wains tond splice strips are 74ST-s by permission of manufacturer and splice strips are 74ST-s by permission of manufacturer. instead of R301-76 due to low loads at this station, N. (Ref. Papert 71537 Page 11-19) (Ref. Photos 11, 12, and 13)

thper Surface Cond. III

Stress 3 d - equals -16300 251 (-16300) (.932) equals 221 #/11

Stress 3 e - cquala -12500 281 (-1:500) (.332) equate 400 #/11

Stress 1 - equals -1170) non (-11790) (.032) equals 374 //1

AN 436-ADS Elvets in dimpled skin and CraxBelife D
Allocable is 374% kef. ANC-S 655 75 15
Use Nivets Approx. 40 on Conters 656 D 10
Use Nivets Approx. 40 on Conters 656 D 10
Use Nivets Approx. 40 on Conters 656 D 10
Use Nivets Approx. 40 on Conters 656 D 10
Use Nivets Approx. 40 on Conters 656 D 10
Use Nivets 148 4/11

Minimum M.S. Dending is 448 3 d

Same spacing used entire length Upper stringers joggled over splice strip

Skin Splice & Sts. 317

Lover Surface

Stress & 1 e us18 7309 ms1 .(7309) (.032) equals 234 #/11

Strees # 1 equals 14936 pg1 (14936) (.034) equals 478 #/11

Same spacing used as top surface.

M.S. Bending is 56% a j

The splice plates running commune of D & Kore upliced per menufecturer's request using 2:105 rivets and IADA Rivet per side. The splice is also .051 G73 Grumman M. lard Serial No. J-14 Page 3

LEFT WING REPAIR (CONT'D)

Allowable is (594) (2) plus 388 equals 1576# (Ref. ANC-5) (Skin Dimpled)

Lording Upper Plate is (16300) (.051) (1.75) equals 14500# - M.S. equals .09 (Ref. Photo #12)

Lower surface higher M.S.

Splices at Sta. 317

语言 医基基性原子

NOTE:

Both stringer splices and skin splices may be compared with original manufacturer's splices in vicinity and will be found to be more conservative. (The leading edge skin is spliced at Sta. 317 and rivet specing is somewhat greater)

& order, as

biol_4 nazzo em. Mal .of Isings

(J'IACO) SIA SE CONTE

Allowable is (594) (?) plus 388 equals 1576% (Ref. ANC-5) (Skin Simpled)

Conding Unser Flote is (16300) (.051) (1.75) equals
14500# - M.S. equals .09 (.ef. Flore #12)

Lover surface higher 4.5.

Splices et ste. 317

Both stringer sollcer and ekin oplices may be compared with original maunifacturer's endices in vicinity and will be found to be more conservative. vicinity and will be found to be more conscryancy
(the leading edge skin is soliced at Step Blagrand
rivel spicing is somewhat greater)

Sign Diverse spicing is somewhat greater)

Sign Diverse spicing is somewhat greater)

\$973 Grumman llard Serial No. J-14

Page 4

AILERON REPAIR

(Ref. Report #2507 Page V-8) (Ref. Photos 5 through 9)

The aileron loads are rather low even at the center hinge where a section was replaced of the nose beam and the nose skin (The splice is just outboard of the center hinge).

An .040 splice piece similar to that used by the manufacturer was used on the web of the beam and a piece of .051 was used for the nose skin. The replacement skin was also .051.

Nose Skin (Ref. Page V-8)

Eff. Width equals 1.30"

fb equals 8860 PS1 (8860) (1.30) (.040) equals 462# Bending or Axial load

Nose Skin

q Torsional Shear is 57.5 #/11 Page V-9

Using AD4 rivets in dimpled skin Z Rows in on centers for 8" and single row beyond for a ligid splice the M.S. is high.

Allowable (386) (4) equals 1544 #/11

1544 x 1.3 equals 2000# in Eff. width section

Sparweb

Depth equals 4.81

q equals 52 #/11 (Ref. V-9*

Shear load due to torsion equals (52) (4.81) equals 250# (Ref. V-7)

Check splice for 500#
Minimum of 6 AD4 Rivets in .032 sheet splice plate
(.040)

(6) (386) equals 2316# Conservative allowable

M.S. High

173 Granton 111 rd Serial No. 1-14

P 5355 4

ัก

150

AILTRON REPAIR

(Ref. Report #1507 Page V-8)
[Ref. Photos 5 through 9)

The elleron loads are rather low even at the center hinge where a section was replaced of the nose beam and the nose skin (The splice is just outboard of the center hinge).

An .040 evilice piece similar to that used by the manufacturer was used on the veb of the beam end a piece of .051 was used for the nose skin. The replacement skin was also .051.

Nose Ekin (Ref. Page V-8)

Eff. Midth equals 1.30m

fb equals 8860 721 (8860) (1.30) (.040) equals 4628 Bending or Axial load

Nose Skin

q Torsional Sheer is 50.5 #/11 rage V-9

Using AD4 rivets in direled skin Z Rows in on centers for 8" and single row beyond for a rigid splice the M.S. is high.

Allowable (386) (4) equels 1544 #/11

1544 x 1.3 equels 2000# in Eff. width section

Soarveb

Depth equals 4.81

q equals 57 \$/11 (Pef. V-9#

Shear load due to toraion equals (S2) (4.81) equals 250# (Ref. Y-7)

Check splice for 500# Winimum of 6 4D4 Elvets in .032 sheet splice plate (.040) (6) (386) equals 2315# Conservative allouble

M.J. High

G73 Grumman 11ard Serial No. J-14

Page 5

TIP FLOAT - L.H.

The two upper bolts in the float fitting were increased from 1 bolts to 5/16 bolts. This was necessary due to installation of a new pedestal and to eliminate oversize holes with the 1 bolts.

This reduced edge distance by 1/32" but as maximum loads are not critical in shear test-out but act away from the edge (Ref. 2507 Pages III-9-10) the strength is still adequate. This was approved by the manufacturer.

The remainder of the repair was atandard replacement of manufacturer's parts except for the substitution of AN426 rivets for G73 (1000 for 780) with manufacturer's approval due to G73's not being available.

Jan 19 18 760 89-41

incita dinamata sun

Pagh: S

TI FLOAT - L.M.

The two upper bolts in the float fitting were increased from \$\footnote{\pi}\$ belts to \$\footnote{\pi}\$ belts to \$\footnote{\pi}\$ belts. This was accessary due to installation of a new redental and to aliminate everying locker with the \$\footnote{\pi}\$ bolts.

This reduced edge distance by 1/22" but as maximum loads are not orision; in sheer tear-out but eat sucy from the edge (lef. 2007 Pages 111-9-10) the strength is eith edequated into was opproved by the ashufoturer.

The remainder of the repair was standard replacement of constocturarie pairts except for the substitution of AM425 rivets for 678 (1920 for 730) with manufactureria appreading to 072's not being evaluable.

AECEIVED 5 - 10 34 AR

198087

4.

U. S. DEPARTMENT OF COMMERCE		Furm Approved. Budget Bureau No. 41-R041.5.
CIVIL AERONAUTICS ADMINISTRATION		· INSTRUCTIONS
APPLICATION FOR AIRWORTHINESS CEI AND/OR ANNUAL INSPECTION OF AN A		Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.
I. TYPE OF APPLICATION (Check which)	1.	
■ □ ORIGINAL ISSUANCE OF CERTIFICATE b. ☑ ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE c. □ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATION	e. 🗆 MULTI	TIFICATION UNDER THE PROVISIONS OF CAR 8 PLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
 AIRWORTHINESS CLASSIFICATION (Check appropriate It is requested that the Certificate of Airworthiness b worthiness classification(s): 	ttem(s)) be issued to peri	nit operation of the aircraft in the following air-
b. STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT C	(ATEGORIES)	
RESTRICTED (SEE CAR 8)		
(Check the restricted special purpose operation(s) to be conducted)		그는 이 남자는 사람들은 사는 이 것 같아.
AGRICULTURAL AND PEST CONTROL	☐ PATRO	LLING
AERIAL ADVERTISING	FORES	T AND WILDLIFE CONSERVATION
AERIAL SURVEYING	☐ WEATH	ER CONTROL
GLIDER-TOWING	OTHER	
d. ☐ EXPERIMENTAL		
(Check the type of experimental operation(s) to be conducted)		
RESEARCH AND DEVELOPMENT	☐ RACIN	
AMATEUR-BUILT	C EXHIB	
DEMONSTRATION	□ отне	
	Clour	
		e. AIRCRAFT SERIAL NO
3. AIRCRAFT IDENTIFICATION (Complete all items)		
3. AIRCRAFT IDENTIFICATION (Complete all items)		e. AIRCRAFT SERIAL NO.
3. AIRCRAFT IDENTIFICATION (Compile all items)	-73	e. AIRCRAFT SERIAL NO.
3. AIRCRAFT IDENTIFICATION (Complete all items)	-73 c. engine i	SODEL
a. AIRCRAFT IDENTIFICATION (Compile all lients) a. AIRCRAFT MAKE CRUMMAN d. ENGINE MAKE D. W. C. C	DDEL - 73 e. ENGINE M	e. AIRCRAFT SERIAL NO.
S. AIRCRAFT IDENTIFICATION (Compiles all liens) a. AIRCRAFT MAKE b. AIRCRAFT MO d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compiles a REGISTERED OWNER'S FULL NAME	DDEL - 73 e. ENGINE M	SODEL
3. AIRCRAFT IDENTIFICATION (Compile all lients) a. AIRCRAFT MAKE b. AIRCRAFT MO C. ENGINE MAKE c. AIRCRAFT REGISTRATION INFORMATION (Complex)	DDEL - 73 e. ENGINE M	SODEL
S. AIRCRAFT IDENTIFICATION (Compile all liems) a. AIRCRAFT MAKE D. AIRCRAFT MO d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	DDEL - 73 e. ENGINE M	SODEL
S. AIRCRAFT IDENTIFICATION (Compile all liems) a. AIRCRAFT MAKE D. AIRCRAFT MO d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	DDEL - 73 e. ENGINE M	SODEL
AIRCRAFT IDENTIFICATION (Compile all liems) a. AIRCRAFT MAKE CRUMMAN d. ENGINE MAKE AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	DDEL - 73 e. ENGINE M	SODEL
3. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE CRUHHAN d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S FULL NAME	DDEL 73 c. ENGINE N She all items b. PERMANE ORA KEE ORA DETA	ODEL SHIP NT MAILING ADDRESS WHAT AND REGISTRATION MARK NEW AND REGISTRATION MARK
3. AIRCRAFT IDENTIFICATION (Compile all library) a. AIRCRAFT MAKE CRUMMAN d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S FULL NAME 5. AIRCRAFT OWNER'S CERTIFICATION (Check and com	DDEL 73 e. ENGINE IN S. PERMANE D. PER	C AIRCRAFT SERIAL NO. J - 14 SODEL SHAPP CONTROL AIRCRAFT NATIONALITY AND REGISTRATION MARK N- 295-4 1071/5-1164
S. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE C. C	DDEL 73 a. ENGINE M S. PERMANE D. PERMANE D. PERMANE O. P. P. PERMANE O. P. PERMANE O. P. PERMANE O. P. P. PERMANE O. P. PERMANE O. P. P. P. PERMANE O. P. P. PERMANE O. P. P. P. PERMANE O. P. P. P. PERMANE O. P.	ODEL SHIP CODEL AND MAILING ADDRESS AND REGISTRATION MARK
A AIRCRAFT IDENTIFICATION (Compile all liems) a. AIRCRAFT MAKE C. AUMHAN d. ENGINE MAKE A AIRCRAFT REGISTRATION INFORMATION (Compile a REGISTERED OWNER'S FULL NAME 5. AIRCRAFT OWNER'S CERTIFICATION (Check and committee a registered owner registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evide and CERTIFICATE OF REGISTRATION. FORM ACA-500 (PART A)	DDEL 73 a. ENGINE I S. Set all items) b. PERMANE DETT DETT Applete appropriate items (or his agent) of a as required by ence of registrat DATE OF ISSUE	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE C. C	DDEL 73 a. ENGINE I S. Set all items) b. PERMANE DETT DETT Applete appropriate items (or his agent) of a as required by ence of registrat DATE OF ISSUE	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE b. AIRCRAFT MO d. ENGINE MAKE d. AIRCRAFT REGISTRATION INFORMATION (Compiles and Registered OWNER'S FULL NAME 3. AIRCRAFT OWNER'S CERTIFICATION (Check and compiles and registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evide a. D'CERTIFICATION FOR REGISTRATION. FORM ACA-500 (PART A) b. APPLICATION FOR REGISTRATION. FORM ACA-500 (PART E) WAND ON	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane J. France (or his agent) of a sa required by lence of registrat OATE OF ISSUE (D. FORM ACA-500, I.	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE b. AIRCRAFT MO d. ENGINE MAKE c. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S CERTIFICATION (Cheek and com i hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evid c. DEALER'S REGISTRATION. FORM ACA-500 (PART B) W-300 ON (CATE) C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, D.	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane J. France (or his agent) of a sa required by lence of registrat OATE OF ISSUE (D. FORM ACA-500, I.	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all lierus) a. AIRCRAFT MAKE b. AIRCRAFT MO d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compiles and Compiles a	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane J. France (or his agent) of a sa required by lence of registrat OATE OF ISSUE (D. FORM ACA-500, I.	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all library) a. AIRCRAFT MAKE b. AIRCRAFT MO d. ENGINE MAKE c. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S CERTIFICATION (Cheek and com i hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evid c. DEALER'S REGISTRATION. FORM ACA-500 (PART B) W-300 ON (CATE) C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, D.	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane J. France (or his agent) of a sa required by lence of registrat OATE OF ISSUE (D. FORM ACA-500, I.	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compiles all liems) a. AIRCRAFT MAKE C. AUMHAN d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S FULL NAME S. AIRCRAFT OWNER'S CERTIFICATION (Check and com I hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 gad when operated displays the following evid a. [Certificate of Registration, Form ACA-500 (PART B) W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1701, D The order to be eligible for registrates as defined by Section 1 (13) of the Civil Aeronautics Act of 1938, as smeanded.	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane L. Engine I. D. Perm	ODEL 3 NT MAILING ADDRESS NT MAILING ADDRESS AND REGISTRATION MARK AND REGISTRATION MARK THE AIRCRAFT NATIONALITY AND RE
S. AIRCRAFT IDENTIFICATION (Compiles all liems) a. AIRCRAFT MAKE C. C	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane L. Engine I. D. Perm	odel Archaft Serial No. J - / 4 ODEL NT MAILING ADDRESS ARCRAFT NATIONALITY AND REGISTRATION MARK N- 1954 Other aircraft identified in Item 3 above which is the Regulations of the Administrator, Part 501 OTHER 12-741
S. AIRCRAFT IDENTIFICATION (Compile all liems) a. AIRCRAFT MAKE C. AUMHAN d. ENGINE MAKE A. AIRCRAFT REGISTRATION INFORMATION (Compile a. REGISTERED OWNER'S FULL NAME S. AIRCRAFT OWNER'S CERTIFICATION (Check and com I hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 gad when operated displays the following evid- a. D'ERTIFICATE OF REGISTRATION. FORM ACA-500 (PART B) W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1701, D "In order to be eligible for registration and already must be owned by a citizen of the Tuited States, as defined by Section 1 (13) of the Civil Aeronautics Act of 1838, as smeanded. ATTACHMENTS (Check which)	odel. C. Engine I. C. Engine I. C. Engine I. C. Engine I. D. Permane L. Engine I. D. Perm	ODEL 3 NT MAILING ADDRESS NT MAILING ADDRESS AND REGISTRATION MARK AND REGISTRATION MARK THE AIRCRAFT NATIONALITY AND RE

U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION
AIRCRAFT INSPECTION REPORT
(To be completed by a CAA representative or approved repair station)
The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: (Check and complete applicable items) 1. AIRCRAFT AND ENGINE CERTIFICATION BASIS [V] AIRCRAFT SPECIFICATION NO. 19-783 THROUGH SHEET REVISION NO. 3
b. ☐ AIRCRAFT LISTING PAGE NO.
c. ☑ AIRWORTHINESS DIRECTIVE SUMMARY 1953 THROUGH CARD TO
d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE)
2. AIRCRAFT AND ENGINE OPERATING RECORDS
. AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTENANCE HISTORY
b. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED A PARCHAET RECORDE INDICATE THE ADERDANE WAS BEEN OBERAGED A TOTAL OF 366/10 HOURS
C MINISTER LICEOURS INDICATE LIFE WINE THE BEST OF COURSE A SOURCE OF
d. Engine records indicate the following operation: Serial No. 3 2 7 9 2 9 Total Hours 3 7 2 25
SERIAL NO. 3 2 7 9 3 9 TOTAL HOURS 3 7 2 2 5
SERIAL NO: TOTAL HOURS
SERIAL NO TOTAL HOURS >
3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)
a. LAST AIRWORTHINESS INSPECTION CONDUCTED (DATE)
BY AIRCRAFT MANUFACTURER
Grot By APPROVED REPAIR STATION, CERTIFICATE NO.
b. Deriodic aircraft inspection report, form aca-319, was returned to owner
4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED
. OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED)
6. CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT GOVERNMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT
d Octreent weight and balance information is available in aircraft
THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS
CERTIFICATE OF AIRWORTHINESS, FORM ACA-1862, ISSUED TO EXPIRE
EM PREVIOUS FORM ACA-1962 WAS ISSUED TO EXPIRE
(NAME OF ISSUING REPRESENTATIVE) (DESIGNATION NO.)
5 CAA APPROVED REPAIR STATION CERTIFICATION
The aircraft described on the reverse has been inspected mider the authority accorded certificated repair station No
☐ AIRWORTHY
UNAIRWORTHY (REPAIR STATION AUTHORIZED SIGNATURE) (DATE)
6. GAA REPRESENTATIVE CERTIFICATION
I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY (Cases appropriate them)
DESIGNATION NO. F DATE
AVIATION SPITY ABENT'S AIGHATURE CASESICATION OF DATE PACCEPTED
LA CTAC STATE OF THE PARTY OF T
ASIN SEP 1 1934 GENERALD
T ATTACHMENT

B. S. GOVERNMENT PRINTING OFFICE 15-60837-

Form ACA-805a (11-51)

	REPAIR AND ALTERATION	MODE	<u>t</u> aring the same of the same	SERIAL NO.	HC-2	ALIT AND REGISTRA	TION MARK
RCRAFT	Gramman NAME (First, middle, last)		4 140 140 140	Jolis (Street and number, city,	sons and State		
WNER	Car Wood	Kirinin u	Mia	Gollins Aven Mi Beach, Flor	1da		IN AC-
OMPLET	E ONLY FOR UNIT REPAIRED OF WITH CIVIL AERONAUTICS M	AND/OR AL ANUAL 18.	TERED. DESCRI	BE WORK ACCOMP	LISHED C	TURE OF WORK (C)	eck)
UNIT	MAKE	M	ODEL	SERIAL NO.			LTERATION
IRFRAME	*************************	s described in	item I above) \$00000	*********	1 2		
OWERPLANT							
ROPELLER							
PPLIANCE	TYPE AND MANUFACTURER					, S	
* 4FT	T WEIGHT AND BALANCE DATA ER the repairs and/or alterations described below were made.	This iten case of a stalled in if applica	spare component, an aircraft. At the	ed by repair or alters it will not be complet is time, it will be con	ation agen ted until npleted by	the installing	nt is in- agency,
CATEGOR	Y EMPTY WEIGHT (Pound		EMPTY CENTER C	F GRAVITY (Inches from date	(m)*	#SEFUL LOAD (Pounds)*
			33 CL P	ard of datum		3,508	
tandar			11.50 FGF 80	IN OF CHROM		1 / 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 ·	
	MITY STATEMENT (Complete and chee ME AND ADDRESS		b. KIND OF AGENCY		e. (SERTIFICATE NO.	
. O. B	n Airmotive Corporation ox 6 prings, Florida		☐ Foreign Cer ☐ Certificated ☐ Manufactur ☐ (Chewas		ation	1606 I/A	
the infor	that the repair and/or alteration ents hereto have been made in accommation furnished herein is true and 12, 1955 epair and/or alteration completed)	correct to	the best of my kno	under item 3 above of Part 18 of the U. wledge. (Signature of author)	3		everse o
APPROV Pursuan trator as	VAL FOR RETURN TO SERVICE (t to the authority specified below t and is	he unit ider	ntined in item 3 wa	s inspected in the m			
	APPROVED BY CAA Design REJECTED BY CAA Aviat Safety Ager	ion 🔲 Re	epair Station R. I. Mat	other (Specify)	18	0 ^p	
April	12, 1955		(Signati	re of authorized individual;	title or ident	tification number)	
April (D	12, 1955 ate of approval or rejection) COMPLETED ONLY BY CAA PER	SONNEL	(Signatu	re of authorized Individual	title or iden	tification number)	:

INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, power-plant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the CAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

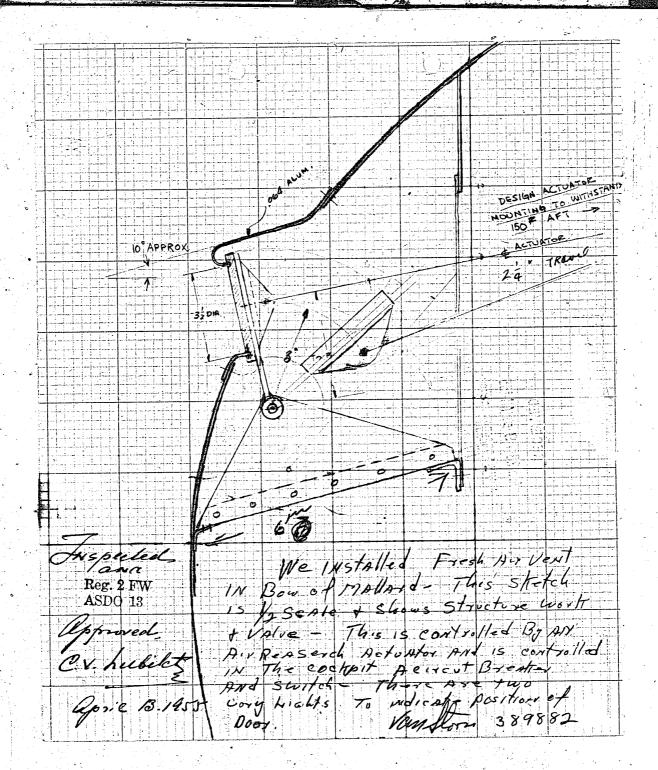
ABRICAGO SOSSALANTES ABRICAGO SOSSALANTOS ABRICAGO SORANTOS

Installed fresh air valve in nose. See attached sketch.

"Il additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.

U. B. GOVERNMENT PRINTING OFFICE 16-84010-



	.,			<u> </u>		مداحا بأنسست بالتستيين	<u> </u>	
		LILLE S						
- i.,			1 ()			Land Carl Land		
12			Eddin III.	Lillini				
. j.,						1 2 1 1 1 1 1		
	1		14-4				3	
-	1-1-1-1-1-1	1						
110			X-1					
-		 	L					
-		1-1-1-1-1-1-1-1-				to the last the same of the		
	1		<u> </u>			the second of		
٠. "					mental Salar			Elitabili de la companya di pro-
. :								
. il.,	عؤ فلطرانا إحماء المراجال	L	Light	أأسأسانية بالماءات				
1.7		المساجعة المتابعة المتحدثيات			Ling to the street	1 1 2 1 1 1		
1.5				ب أو علم أحمار المعالم	was in the second of the second			أد أحابت أحادًا
- 4		1-1	<u> </u>		-)			المالية بالطابة الساسة والمالة
٠.		· · · · · · · · · · · · · · · · · · ·				nia i nimita in india	خهناها المساحوك	
		1		وأحادث أحربه	Property and the			
		Transfer to						
			17 1 7 1 1 1 1 1				1 1 1 1 1 1 1	
• ; .								
٠.		LALLELLE					429.	
	ما مي جا شاماله الكانب	1-		سلطيط المادار علوادا				
- 1:						منحناهم والمحادثات	بإبارتكنه بشبابات	
	:			القنطو وأستأه والمنتسا		and a section particular section	خلص أحارك تبارك والمراجع	
	 			1.4 1.55				
	1	him in a second					a farafari manda da d	
٠.		 - - - - - - - -						
								<u> </u>
-								
	PER CONTRACTOR	THE THE		The second secon				
. •		12 3						
•		APRI 299 8-STHIN 755 ADMIN. SAECERDS BRANCH						
	for the Late							
	Larger Lift.	W 7 8					المشكونة للماكات أوسال بأوا	
	- hali minerali	3 th 20		برائدة تنف فالمستدود		حاجا بالمناب لحزا لب	اعلى فكالمناجلة	الطباب فيرابا فياسانيا
		m ~ 26					alama and deline	المراجع المستحدات
	0 00			manus i Siani i iniinii	and the same of th		
		用している。					and the second control of the second	la jarfan s iar ja la jar l ani
	-	E 23 8.					للطمع مؤسك مسماوية	
		RECEIVED TH 299 B-STP/AN WH. & RECERDS BRA						
		-				i en e incomençar e proprio de la casa. La casa de la casa de	77.77.77	
		₩ ₹						
				وسأعطش التفسيل المدامي		التوجيد بشاعل بمرحد	11.1. (.1,1,1)	
- 1						a sala and a sala a	البهابة فالمساب	and the second of
			كالمستواد المستوادين		ā i			المام ا
	 	 	 		~5		113 11 1	
	1	t er jelendeld						
÷,	11777711	ind Examinated A	ng agailte a ti	الموطنة المحادث	- W-			
				er i et et e egendeld oo	i ilai apa 🏄 i ata			
	LESSELLE ET	Education of the Control of the Cont					المرازع والمرازع المؤال	
1 . *			المناب الشابات	at interest falls				
1	1 1 1 1 1 1 1 1 1 1 1	1 - 1 10 - 10 - 10 - 10 - 1				1 1 1 1 1 1 1 1 1		
		1-1-1-1-1-1		er federiside de		N	إحادت والشارحيين	
ĺ	harria de la	[XX++	التعليد المراجعين			mie er ei derlei bei i	العابيات أوالمانة لخد	yet in the day of the best from
		ri di di						
. :							Agricultă Indiagrafia Salarent Salarent	
4.1								
	a							
	1 3 3 3			<u> PERTURB</u>	1.7 \$ \$ 1 1 1 1	77777		
	1 (46) 1							
d						and it		
1	1 1 7		1 2 10	네 보세하다 하다				
	1	احتصاصا		المتعلق المحاسب				

	F COMMERCE	Form Approved. Budget Bureau No	4.18 1 1.18
CIVIL AERONAUTICS AD APPLICATION FOR AIRWORT AND/OR ANNUAL INSPECTION	THINESS CERTIFICATE	INSTRUCTIONS Please print or type. Submit thi Civil Aeronautics Administration A Field Representative.	s form to the viation Safety
TYPE OF APPLICATION (Check which)	70-20-1		
	a ∏ oper	RTIFICATION UNDER THE PROVISIONS OF CA	AR B
a. C ORIGINAL ISSUANCE OF CERTIFICATE		TIPLE CERTIFICATE UNDER THE PROVISIONS	OF CAR B
b. ANNUAL INSPECTION FOR RENEWAL OF C AMENDMENT OR MODIFICATION OF CU			
AIRWORTHINESS CLASSIFICATION It is requested that the Certificate of worthiness classification(s):	N (Check appropriate tiem(s)) [Airworthiness be issued to pe	mit operation of the aircraft in the fo	llowing air-
STANDARD (NORMAL, UTILITY, ACROB	ATIC, TRANSPORT CATEGORIES)		
b. LIMITED (SEE CAR 9)			
c. RESTRICTED (SEE CAR 8)		일반 : : : : : : : : : : : : : : : : : : :	
(Check the restricted special purpose operation	TROI TO DE COMMUNICAMO	OLLING	
AGRICULTURAL AND PEST CON	THOL	ST AND WILDLIFE CONSERVATION	
AERIAL ADVERTISING		THER CONTROL	
AERIAL SURVEYING	☐ 0 111		1.0
GLIDER TOWING	,		
d. Check the type of experimental operation(s) to be conducted)	그러나는 가는 사고를 가는데?	
RESEARCH AND DEVELOPMENT	∐ RAC		
☐ AMATEUR-BUILT	□ EXI	IBITION	
☐ DEMONSTRATION	□ oπ	ER	
. AIRCRAFT IDENTIFICATION (Com	plete all items) b. AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.	
& AIRCRAFT MAKE	B. AIRCRAFT MODEL		
	672	J14	
Grunnan	e ENGIN	MODEL.	
d. ENGINE MAKE		的。[1] \$P\$ (1) \$P\$ \$P\$ (2) \$P\$	
PAY.		SHI	
AIRCRAFT REGISTRATION INFO	RMATION (Complete all Hems)		
			T NATIONALITY
REGISTERED OWNER'S FULL NAME	b. PERM	NENT MAILING ADDRESS c. AIRCRAI	T NATIONALITY GISTRATION MARK
B. REGISTERED OWNER'S FULL NAME	b. PERMI	그리는 얼마나 하는 그 그 그리는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	GISTRATION MARK
Gar Wood.	o. permi	aven .	
. REGISTERED OWNER'S FULL NAME	o. permi	그리는 얼마나 하는 그 그 그리는 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
. REGISTERED OWNER'S FULL NAME	o. permi	internation in 25	
. REGISTERED OWNER'S FULL NAME	Grey Grey Eeel Detr	internation in 25	
REGISTERED OWNER'S FULL NAME	b. Permi	N- 29) 54
REGISTERED OWNER'S FULL NAME	b. Permi	N- 29) 54
REGISTERED OWNER'S FULL NAME	b. Permi	N- 29) 54
GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut on the control of	TION (Chtet and complete epiroprists registered owner: (or his agent) ites Administration as required the following evidence of register	on Drive N- 29 N- 29 of the aircraft identified in Item 3 a py the Regulations of the Administration:) 54
GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays	TION (Cheek and compilete expirurable registered owner for his agent) its Administration as required the following evidence of registrates a compilete expirurable and the following evidence of registrates are for the compilete expirurable and the following evidence of registrates are for the following evidence of registrates are followed as f	of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is stor, Part 501
GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays	TION (Cheek and compilete expirurable registered owner for his agent) its Administration as required the following evidence of registrates a compilete expirurable and the following evidence of registrates are for the compilete expirurable and the following evidence of registrates are for the following evidence of registrates are followed as f	of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is stor, Part 501
F. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays CERTIFICATE OF REGISTRATION. FO B. APPLICATION FOR REGISTRATION.	TION (Chee and complete expropriate registered owner (or his agent) ics Administration as required the following evidence of register Administration as required the following evidence of register ACA-500 (PART A), DATE OF ISSUORM ACA-500 (PART B), FORM ACA-500 (PART B).	on Drive N- 29 N- 29 of the aircraft identified in Item 3 a py the Regulations of the Administration:	bove which is stor, Part 501
F. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered with the Civil Aeronaut or 502 and when operated displays E. CERTIFICATE OF REGISTRATION, FO D. APPLICATION FOR REGISTRATION, FO	TION (Chee and complete expropriate registered owner (or his agent) ics Administration as required the following evidence of register Administration as required the following evidence of register ACA-500 (PART A), DATE OF ISSUORM ACA-500 (PART B), FORM ACA-500 (PART B).	of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is stor, Part 501
FREGISTERED DWNER'S FULL NAME GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays EXECUTIFICATE OF REGISTRATION, FO b. APPLICATION FOR REGISTRATION, FO W-300 ON C. DEALER'S REGISTRATION CERTIFICA	TION (Cheek and complete appropriate registered owner (or his agent) ices Administration as required the following evidence of register ACA-500 (PART A), DATE OF ISSU ORM ACA-500 (PART B), FORM ACA-500 (PAR	of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is stor, Part 501
F. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays CERTIFICATE OF REGISTRATION. FO H-300 ON	TION (Cheek and complete appropriate registered owner (or his agent) ices Administration as required the following evidence of register ACA-500 (PART A), DATE OF ISSU ORM ACA-500 (PART B), FORM ACA-500 (PAR	of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is stor, Part 501
GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered with the Civil Aeronaut or 502 and when operated displays a. Extrificate of registration, Fo b. APPLICATION FOR REGISTRATION, FO W-300 ON c. DEALER'S REGISTRATION CERTIFICA "In order to be eligible for registration and owned by a citizen of the United States as de 1 (13) of the Unit Aeronautics and of 1936, as ATTACHMENTS (Check which)	TION (Check and complete appropriate registered owner for his agent) ices Administration as required the following evidence of registers AMM ACA-500 (PART A), DATE OF ISSU ORM ACA-500 (PART B), FORM ACA-500	in Drive N- 25 16: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	bove which is stor, Part 501
FREGISTERED DWNER'S FULL NAME GAT WOOD. 5. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays . Extrificate of registration, FO b. APPLICATION FOR REGISTRATION, FO W-300 ON c. DEALER'S REGISTRATION CERTIFICA *In order to be eligible for registration an owned by a citizen of the United States, as de 1 (13) of the Util Aeronautics at of 1933, as ATTACHMENTS (Chect which)	TION (Cheek and complete appropriate registered owner (or his agent) ices Administration as required the following evidence of register AM ACA-500 (PART A), DATE OF ISSU ORM ACA-500 (PART B), FORM ACA-500 (of the aircraft identified in Item 3 a stion: 3/12/47.	bove which is ator, Part 501
F. AIRCRAFT OWNER'S CERTIFICA I hereby certify that I am the registered* with the Civil Aeronaut or 502 and when operated displays CERTIFICATE OF REGISTRATION. FO APPLICATION FOR REGISTRATION. FO W-300 ON C. DEALER'S REGISTRATION CERTIFICA *In order to be eligible for registration an owned by a clizen of the United States, as de 1 (15) of the Civil Aeronautics Act of 1928, as ATTACHMENTS (Check which)	TION (Cheet and compiles appropriate registered owner (or his agent) ites Administration as required the following swidence of register AM ACA-500 (PART A). DATE OF ISSU ORM ACA-500 (PART B). FORM ACA-500 (in Drive N- 25 16: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	bove which is ator, Part 501

 U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION 	
AIRCRAFT INSPECTION REPORT	
(To be completed by a CAA representative or approved repair station)	
The nircraft described in Item 3 on the reverse of this form has been inspected and found to conform (Check and compiled applicable items) 1. AIRCRAFT AND ENGINE CERTIFICATION BASIS a. AIRCRAFT SEPTIMENT OF THROUGH SHEET REVISION NO. 2 b. AIRCRAFT LISTING PAGE NO. 1954 c. AIRCRAFT LISTING PAGE NO. 1954 d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATE) 2. AIRCRAFT AND ENGINE OPERATING RECORDS a. AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY b. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED c. AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 367100 HOURS	to the following:
SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS	
3. PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319)	era de la la companya de la companya
LAST AIRWORTHINESS INSPECTION CONDUCTED 2/17/55 BY AIRCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CERTIFICATE NO. BY MECHANIC, CERTIFICATE NO. Donald F. Litty ASB 522839 LAST AIRWORTHINSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER	APR 19 ADMIN. & RE
4. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED	1 CE
OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) CURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT CONTRIBUTION OF AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS CONTRIBUTION OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE (CDATE) (MANE OF ISSUING REPRESENTATIVE) (DESIGNATION NO.)	ECEIVED 1 14 PH 355 1 300 BRANCH
3. CAA APPROVED REPAIR STATION CERTIFICATION	
The aircraft described on the reverse has been inspected under the authority accorded certific No by CAR 52 and was found to be: AIRWORTHY UNAIRWORTHY (REPAIR STATION AUTHORIZED SIGNATURE)	ated repair station
6. CAA REPRESENTATIVE CERTIFICATION	
HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTH (Check appropriate tiem) DESIGNET'S SIGNATURE DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTH (Check appropriate tiem)	

CAN DESIGNATION HAD

B. GUYERNMENT PICTUTING OFFICE 16-60837-

ATTACHMENT

Form ACA-805a (11-61)

ACCEPTED REINSPECTED

SPOT CHECKED

FEB 2 8 1955

U. S. DEPARTMENT OF COM CIVIL AERONAUTICS ADMINIST PPLICATION FOR AIRWORTHINE AND/OR ANNUAL INSPECTION O	ESS CERTIFICATE	INSTRUCTIONS Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safety Field Representative.
TYPE OF APPLICATION (Check which) L. ORIGINAL ISSUANCE OF CERTIFICATE D. MANUAL INSPECTION FOR RENEWAL OF CERTIF C. MAENDMENT OR MODIFICATION OF CURRENT	FICATE & MULT	RIJECATION UNDER THE PROVISIONS OF CAR 8 IPLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
AIRWORTHINESS CLASSIFICATION (Check It is requested that the Certificate of Airwo worthiness classification(s): a. STANDARD (NORMAL, UTILITY, ACROBATIC, TE b. LIMITED (SEE CAR 9)	orthiness be issued to per	mit operation of the aircraft in the following air.
RESTRICTED (SEE CAR 8)		
(Check the restricted special purpose operation(s) to b	e conducted)	OLI INC
AGRICULTURAL AND PEST CONTROL		ST AND WILDLIFE CONSERVATION
☐ AERIAL ADVERTISING ☐ AERIAL SURVEYING		HER CONTROL
GLIDER TOWING	□ отн	from the second of the control of th
A T EXPERIMENTAL		
(Check the type of experimental operation(a) to be con	(ducted)	
RESEARCH AND DEVELOPMENT	☐ RAC	
AMATEUR-BUILT		
DEMONSTRATION		
AIRCRAFT IDENTIFICATION (Complete all is	teme)	
a. AIRCRAFT MAKE b. A	AIRCRAFT MODEL	c. AIRCRAFT SERIAL NO.
Grussen G	73	
d. ENGINE MAKE	e. ENGINE	MODEL.
		8- 3-3-1
749		
AIRCRAFT REGISTRATION INFORMAT	ION (Complete att uems)	NENT MAILING ADDRESS . AIRCRAFT NATIONALITY AND REGISTRATION MARK
REGISTERED OWNER'S FULL NAME	Wg	AND REGISTRATION MARK
Car Vood	2.03	(OX /OCT)
RUL BOOK	100	n_ 2954
CAL BOOK	79.77 TW 1	Beach n_ 2954
	Hiad Flor	
	79.77 TW 1	
	Flår	
	Flår	
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adr	(Check and complets appropriate if and owner (or his agent) ministration as required I lowing evidence of registr	in) of the aircraft identified in Item 3 above which is y the Regulations of the Administrator, Part 501
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll	(Check and complete appropriate if or owner (or his agent) ministration as required thowing evidence of registration (ABLE) AND TO SISSIE	in) of the sircraft identified in Item 3 above which is by the Regulations of the Administrator, Part 501 ation:
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll	(Check and complete appropriate if or owner (or his agent) ministration as required thowing evidence of registration (ABLE) AND TO SISSIE	in) of the sircraft identified in Item 3 above which is by the Regulations of the Administrator, Part 501 ation:
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adt or 502 and when operated displays the foll EXECUTION FOR REGISTRATION, FORM ACA- b. APPLICATION FOR REGISTRATION FORM ACA-	(Check and compides appropriate if ared owner (or his agent) ministration as required it lowing evidence of registar -500 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50	in) of the aircraft identified in Item 3 above which is y the Regulations of the Administrator, Part 501 attems.
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll a. A CERTIFICATE OF REGISTRATION, FORM ACA- b. APPLICATION FOR REGISTRATION FORM ACA-	(Check and compides appropriate if ared owner (or his agent) ministration as required it lowing evidence of registar -500 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50	in) of the sircraft identified in Item 3 above which is by the Regulations of the Administrator, Part 501 ation:
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the register registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll EXECUTION FOR REGISTRATION, FORM ACABOM APPLICATION FOR REGISTRATION FORM ACABOM ON W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FOR	(Check and complete appropriate is streed owner (or his agent) ministration as required i lowing evidence of regista -500 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50	in) of the sircraft identified in Item 3 above which is by the Regulations of the Administrator, Part 501 ation:
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the register registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll EXECUTION FOR REGISTRATION, FORM ACABOM APPLICATION FOR REGISTRATION FORM ACABOM ON W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FOR	(Check and complete appropriate its great owner (or his agent) indistration as required its owner expisite the control of the	in) of the aircraft identified in Item 3 above which is the aircraft identified in Item 3 above which is the temperature of the Administrator, Part 501 aircraft aircraft are cords branch, part a forwarded to cas aircraft records branch.
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adt or 502 and when operated displays the foll EXAMPLICATION FOR REGISTRATION, FORM ACA- b. APPLICATION FOR REGISTRATION, FORM ACA- W-300 ON C. DEALER'S REGISTRATION CERTIFICATE. FOR "In order to be eligible for registration an aircraft regyred by a citizen of the United States, as defined by I (18) of the Civil Aeronautics Act of 1938, as amended	(Check and complete appropriate its great owner (or his agent) indistration as required its owner expisite the control of the	in) of the sircraft identified in Item 3 above which is by the Regulations of the Administrator, Part 501 ation:
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the register registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll EXECUTION FOR REGISTRATION, FORM ACA- B. APPLICATION FOR REGISTRATION, FORM ACA- W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FOR "In order to be eligible for registration an aircraft rowned by a citizen of the United States, as defined by I (18) of the Civil Aeronautics Act of 1938, as amended	(Check and complete appropriate agency) and owner (or his agent) ministration as required it lowing evidence of registr .500 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50 M ACA-1707, DATED must be Bectian	in) of the sircraft identified in Item 3 above which is y the Regulations of the Administrator, Part 501 ation. 3/12/47. A PART A FORWARDED TO CAS AIRCRAFT RECORDS BRANCH.
AIRCRAFT OWNER'S CERTIFICATION I hereby certify that I am the registe registered* with the Civil Aeronautics Adr or 502 and when operated displays the foll EXECUTIFICATE OF REGISTRATION, FORM ACA- b. APPLICATION FOR REGISTRATION, FORM ACA- W-300 ON (DATE) C. DEALER'S REGISTRATION CERTIFICATE, FOR In order to be eligible for registration an aircraft is owned by a citizen of the United States, as defined by I (18) of the Civil Aeronautics Act of 1938, as amended ATTACHMENTS (Check which) ACA-319 WEIGHT AND BALANCE REPOR	(Check and complete appropriate is greed owner (or his agent) ministration as required it owing evidence of registration (PART A). DATE OF ISSUE A-500 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50 MACA-1707, DATED	of the aircraft identified in Item 3 above which is y the Regulations of the Administrator, Part 501 atlour. 3/12/47. A PART A FORWARDED TO CAA AIRCRAFT RECORDS BRANCH.
AIRCRAFT OWNER'S CERTIFICATION I bereby certify that I am the register registered* with the Civil Aeronautics Adr or 502 and when operated displays the following the compact of the comp	(Check and complete appropriate is agent) ministration as required is lowing evidence of registricts S00 (PART A). DATE OF ISSUE A-500 (PART B). FORM ACA-50 mast be Section THE Vandaria	of the aircraft identified in Item 3 above which is y the Regulations of the Administrator, Part 501 atlour. 3/12/47. A PART A FORWARDED TO CAA AIRCRAFT RECORDS BRANCH MAINER OF RESISTERED DWINER OR AUTHORIZED AGENT)

U.S. DEPARTMENT OF COMMERCE CIVIL ARRONAUTICE ADMINISTRATES ALICORAT. INCPECTION REPORTS (To be completed by a CAA representative or approach repair station) The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: Cluck and emploir applicable in them 3 on the reverse of this form has been inspected and found to conform to the following: Cluck and emploir applicable in them 3 on the reverse of this form has been inspected and found to conform to the following: Cluck and employer applicable in them 3. I PROUGH CARD NO. I PARKENATI INTERIOR PARE TO PROVIDE THE CERTIFICATE A INCRAFT AND ENGINE OPERATING RECORDS A INCRAFT AND ENGINE OPERATING RECORDS A INCRAFT AND ENGINE OPERATING OR MAINTENANCE HISTORY I PARENT INTERIOR PARENT PREVIOUS OPERATION OR MAINTENANCE HISTORY I PARENT INTERIOR PROPERTY THE AIRFRANK HAS BEEN OPERATED A TOTAL FOR 356100 HOURS SERIAL NO. SERIAL		 -	<u> </u>	
(To be completed by a CAA representative or approped repair station) The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: Check and complete applicable linem. A INGRAFT AND ENGINE CERTIFICATION BASIS THROUGH SHEET REVISION NO. A INGRAFT LISTING PAGE NO. A INGRAFT AND ENGINE OPERATING RECORDS A INGRAFT AND ENGINE OPERATION OR MAINTENANCE HISTORY B COMPLANCE WITH APPLICABLE AIRWORTHINGS DIRECTIVES RECORDS A INGRAFT RECORDS INDICATE THE AIRFAME HAS BEEN OPERATED A TOTAL OF 3568 10 HOURS SERIAL NO. 327933 TOTAL HOURS SERIAL NO. 327934 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327936 SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327936 SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327938 TOTAL HOURS SERIAL NO. 327939 TOTAL HOURS SERIAL NO. 327939 TOTAL HOURS SERIAL NO. 327930			S 16	
(To be completed by a CAA representative or approped repair station) The aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: Check and complete applicable linem. A INGRAFT AND ENGINE CERTIFICATION BASIS THROUGH SHEET REVISION NO. A INGRAFT LISTING PAGE NO. A INGRAFT AND ENGINE OPERATING RECORDS A INGRAFT AND ENGINE OPERATION OR MAINTENANCE HISTORY B COMPLANCE WITH APPLICABLE AIRWORTHINGS DIRECTIVES RECORDS A INGRAFT RECORDS INDICATE THE AIRFAME HAS BEEN OPERATED A TOTAL OF 3568 10 HOURS SERIAL NO. 327933 TOTAL HOURS SERIAL NO. 327934 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327935 TOTAL HOURS SERIAL NO. 327936 SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327936 SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327937 TOTAL HOURS SERIAL NO. 327938 TOTAL HOURS SERIAL NO. 327939 TOTAL HOURS SERIAL NO. 327939 TOTAL HOURS SERIAL NO. 327930	ALBORAFI	INSPECTION RE	PORT	
CRUCK and emplote applicable there) AIRCRAFT AND ENGINE CERTIFICATION BASIS THROUGH SHEET REVISION NO. THROUGH CARD NO. TOTAL HOUSE THROUGH CARD NO. TOTAL HOUSE SERIAL NO. SERIAL NO. TOTAL HOUSE SERIAL NO				
AIRCRAFT AND ENGINE CERTIFICATION BASIS Marcraft Listing Page NO.	The aircraft described in Item 3 on the reverse of this	s form has been inspec	ted and found to confor	m to the following:
Light arroady specification no. 788 THROUGH SHEET REVISION NO. 15 AIRCRAFT LISTING PAGE NO.	Check and complete applicable items) . AIRCRAFT AND ENGINE CERTIFICATION BASI!	s		
CAA APPROVED RATIONS. FORM ACA-399, IS AVAILABLE IN AIRCRAFT AIRWORTHINESS DICCUMENTS INSUED OR REVIEWED LORGATION LIMITATIONS, FORM ACA-399, IS AVAILABLE IN AIRCRAFT AIRWORTHINESS DICCUMENTS IN THE AIRWORTH IN IS AVAILABLE IN AIRCRAFT AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY BY MECHANIC, CERTIFICATE NO. LORGINE RECORDS INDICATE THE FOLLOWING OPERATION. SERIAL NO. 227939 TOTAL HOURS SERIAL NO. 227939 TOTAL HOURS SERIAL NO. SERIAL NO. TOTAL HOURS LAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT MANUFACTURER DEVICUOUS INSPECTION CONDUCTED ALAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT INSPECTION CONDUCTED BY AIRCRAFT INSPECTION CONDUCTED BY AIRCRAFT INSPECTION CONDUCTED BY MECHANIC, CERTIFICATE NO. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED CARROTTERINGS DOCUMENTS ISSUED OR REVIEWED CARROTTERINGS DOCUMENTS ISSUED OR REVIEWED CARROTTERING OF CONTROL OF		HROUGH SHEET REVISION N	iQ 3	
A IRCRAFT AND ENGINE OPERATING RECORDS A IRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTENANCE HISTORY I AIRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED A IRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED A IRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED A IRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED A IRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED A IRCRAFT RECORDS INDICATE THE AIRCRAFT HES DIRECTIVES RECORDED SERIAL NO. 327939. TOTAL HOURS 372100. SERIAL NO. TOTAL HOURS 372100. SERIAL NO. TOTAL HOURS 372100. A IRCRAFT MANUFACTURER (DATE) BY AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER 2000. A IRCRAFT MANUFACTURER SUBJECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER 2000. A IRCRAFT MANUFACTURER SUBJECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER 2000. A IRCRAFT MANUFACTURER FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT 2000. A IRCRAFT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT 2000. A PREVIOUS FORM ACA-152 WAS SUBJECT TO EXPIRE 2000. A PREVIOUS FORM ACA-152 WAS SUBJECT TO EXPIRE 2000. A PREVIOUS FORM ACA-152 WAS SUBJECT TO EXPIRE 2000. A PREVIOUS FORM ACA-152 WAS SUBJECT TO EXPIRE 2000. CAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected trider the anthority accorded certificated repair station No. DATE 2000. CAA APPROVED REPAIR STATION CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT 2000. CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT 2000. CAA REPRESENTATIVE CERTIFICATION CAA REPRESENTATIVE CERTIFICATION DESIGNATION NO. DATE 2000. CACRETICATION CARREST DESCRIBED ON THE REVERSE AND FOUND IT 2000. CACRETICATION CARREST DESCRIBED ON THE REVERSE AND FOUND IT 2000. CACRETICATION CARREST DESCRIBED ON THE REVERSE AND FOUND I	b. AIRCRAFT LISTING PAGE NO.		T 3	
AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTENANCE HISTORY COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED AIRCRAFT RECORDS INDICATE THE FOLLOWING OPERATION. CALL COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED AIRCRAFT RECORDS INDICATE THE FOLLOWING OPERATION. CENCIME RECORDS INDICATE THE FOLLOWING OPERATION. SERIAL NO. 327939	AIRWORTHINESS DIRECTIVE SUMMARY 1903	THROUGH CARD NO.	15	
□ AIRCRAFT NEW—NO PREVIOUS OFERATION OR MAINTENANCE HISTORY □ COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED □ AIRCRAFT RECORDS INDICATE THE AIRWORTHINESS DIRECTIVES RECORDED □ AIRCRAFT RECORDS INDICATE THE FOLLOWING OPERATION. SERIAL NO. 327939. TOTAL HOURS 372100 SERIAL NO. 327939. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS (DATE) □ BY AIRCRAFT MANUFACTURER (DATE) □ BY AIRCRAFT MANUFACTURER (DATE) □ BY AIRCRAFT MANUFACTURER (DATE) □ BY APPROVED REPAIR STATION, CERTIFICATE NO. M. TRADEABERS AMBI 2317 ■ PREVIOUS INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER ARE ARE ARE ARE ARE ARE ARE ARE ARE A	d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTI	IFICATE)		
COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 356110 HOURS AIRCRAFT RECORDS INDICATE THE FOLLOWING OPERATION. SERIAL NO. 327939 TOTAL HOURS 372100 SERIAL NO. 327939 TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) LAST AIRWORTHINESS INSPECTION CONDUCTED 8/1/62 BY AIRCRAFT MANUFACTURER (GATE) BY AFFROVED REPAIR STATION, CERTIFICATE NO. N. Yandenberg AAB1331? AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED D'ERRATION LIMITATIONS, FORM ACA-39, WAS ISSUED COPY ATTACHED) COURRENT OPERATION LIMITATIONS, FORM ACA-38, IS AVAILABLE IN AIRCRAFT COURRENT OPERATION LIMITATIONS, FORM ACA-38, IS AVAILABLE IN AIRCRAFT COURRENT WEIGHT AND BALANCE HIGHT MANUAL IS AVAILABLE IN AIRCRAFT COURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT COURRENT OPERATION LIMITATIONS, FORM ACA-38, IS AVAILABLE IN AIRCRAFT COURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT COURSENT APPROVED AIRPLANCE PLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COURSENT APPROVED AIRPLANCE PLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COURSENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT COURSENTED AIR STATION CERTIFICATION THE AIRCRAFT RECORDS AND AIRWORTHY COURSENTED TO EXPIRE BASED T	. AIRCRAFT AND ENGINE OPERATING RECORDS	3		
AIRCRAFT RECORDS INDICATE THE AIRCRAME HAS BEEN OPERATED A TOTAL OF 366110 HOURS A. ENGINE RECORDS INDICATE THE FOLLOWING OPERATION: SERIAL NO. 327929 TOTAL HOURS SERIAL NO. 327929 TOTAL HOURS SERIAL NO. TOTAL HOURS PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) a. LAST AIRWORTHINESS INSPECTION CONDUCTED BY APPROVED REPAIR STATION, CERTIFICATE NO. B. 12.153. BY ARCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CERTIFICATE NO. B. 12.153. AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTH INFORMATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) B. CURRENT OPERATION LIMITATIONS, FORM ACA-329, ISS AVAILABLE IN AIRCRAFT C. CURRENT APPROVED AIRPLANE HOFORMATION IS AVAILABLE IN AIRCRAFT C. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS C. HIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS C. HIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS C. HIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS C. MALE OF ISSUING REPRESENTATIVE) CAA APPROVED REPAIR STATION CERTIFICATION (NAME OF ISSUING REPRESENTATIVE) CAA APPROVED REPAIR STATION CERTIFICATION AND DATE ANY OF THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY WAS ARROWD THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA DESIGNATION NO. DATE AVAILABLE ARROWS THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA DESIGNATION NO. DATE AVAILABLE ARROWS THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA DESIGNATION NO. DATE AVAILABLE ARROWS THE FOUND AIR AIRCRAFT OA DESIGNATION NO. DATE AVAILABLE ARROWS THE FOUND AIR AIRCRAFT OA DESIGNATION NO.	. AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTEN	NANCE HISTORY		
A. SERIAL NO. 327939 TOTAL HOURS 372100 SERIAL NO. 327929 TOTAL HOURS 372100 SERIAL NO. 327929 TOTAL HOURS 372100 SERIAL NO. 527929 TOTAL HOURS 372100 SERIAL NO. 527929 TOTAL HOURS 572100 SERIAL NO. 527929 TOTAL HOURS				
SERIAL NO. 327939 TOTAL HOURS 372100 SERIAL NO. 327939 TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 SERIAL NO. TOTAL HOURS 372100 PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) LAST AIRWORTHINESS INSPECTION CONDUCTED 8/1/52 BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER NO. M. JENDADDETS ASB13317 LEFENDOLG AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTH USENS AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT AIRWORTH WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT AIRWORTH WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT AIRWORTH WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT AIRWORTH WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT A THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS A. ECRIFICATE OF AIRWORTHINESS, FORM ACA-3182, ISSUED TO EXPIRE 10. (DESIGNATION NO.) CAAA APPROVED REPAIR STATION CERTIFICATION The aircraft described op the reverse has been inspected thidder the authority accorded certificated repair station No. AIRWORTHY AIRWORTHY UNAIRWORTHY RAME OF ISSUED TO EXPIRE AND FOUND IT AIRWORTHY UNAIRWORTHY UNAIRWORTHY CAAA REPRESENTATIVE CERTIFICATION DESIGNATION NO. DATE AVAILABLE NAME AND AIRWORTHY CREATEST MEENTS SIGNATURE DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE CAA DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE CAR DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE DESIGNATION NO. DATE AVAILABLE NAME AREA SIGNATURE CREMISPECTED REPORT AGENT AGENT AND AREA STATEMANT AREA STATEMANT AND AREA STATEM			366110 HOURS	
SERIAL NO				
SERIAL NO				
SERIAL NO				
PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) LAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CERTIFICATE NO. BY APPROVED REPAIR STATION, CERTIFICATE NO. BY MECHANIC, CERTIFICATE NO. M. VANDABLETS AND STATEMENT OF OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED COPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) CORRENT OPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) COURSENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT COMMENT APPROVED AIRCRAFT AIRCRAFT RECORDS (CATE) COMMENT APPROVED AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRCRAFT (CATE) COMMENT AND AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AI				
LAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY APROVED REPAIR STATION, CERTIFICATE NO. Wandenborg A&\$13317 B. BY MECHANIC, CERTIFICATION FORM ACA-309, WAS ISSUED (COPY ATTACHED) B. GURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B. GURRENT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR DEPORTMENT OPERATION MALANCE INFORMATION IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, IS AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, WAS ISSUED TO EXPRESED A AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, WAS ISSUED TO EXPRESED A AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, WAS ISSUED TO EXPRESED A AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, WAS ISSUED TO EXPRESED A AVAILABLE IN AIRCRAFT BY MEDICULAR PROPROSED AIRCRAFT HEADEN ACA-309, WAS ISSUED TO EXPRESED A AVAILABLE I	SERIAL NO.	TOTAL HOURS		
BY AIRCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CENTIFICATE NO. DESIGNATION AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED DEPRATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) DESIGNATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) DESIGNATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) DESIGNATION AND BLANCE INFORMACIA-309, WAS ISSUED TO EXPIRE DESIGNATION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS BY THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS BY FRENIOUS FORM ACA-1352 WAS ISSUED TO EXPIRE GAS APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected finder the anthority accorded certificated repair station NO BY CAR 52 and WAS found to be: AIRWORTHY	PREVIOUS INSPECTION RECORD (INSPECTION	RECORDED ON FOR	M ACA-319)	
BY APPROVED REPAIR STATION, CERTIFICATE NO. BY MECHANIC, CERTIFICATE NO. M. Vandenderg A&B13317	LAST AIRWORTHINESS INSPECTION CONDUCTED 8/1	/53		
BY MECHANIC, CERTIFICATE NO. M. TRINGED BY MACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) COMMERCIANT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION LIMITATIONS, FORM ACA-309, IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION ALLANCE INFORMATION IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION ALLANCE INFORMATION IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION ALLANCE INFORMATION IS AVAILABLE IN AIRCRAFT COMMERCIANT OPERATION ALLANCE INFORMATION INFORMAT	BY AIRCRAFT MANUFACTURER	(DATE)	*	
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED A OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED (COPY ATTACHED) B CURRENT OPERATION BLAINCE IN AIRCRAFT B COMMENT OF ISSUED ACA-309, WAS ISSUED (COPY ATTACHED) CAA APPROVED HAS BEEN RECORDED IN THE AIRCRAFT RECORDS BY FIRST WAS ISSUED TO EXPIRE (ATTACHED) (NAME OF ISSUING REPRESENTATIVE) COATE (PARTY OF AIRCRAFT DESCRIBED TO EXPIRE ADJUSTMENT OF AIRWORTHY (CARCAPPROPERTIES AND FOUND IT AIRWORTHY UNAIRWORTHY (CARCAPPROPERTIES AND FOUND IT AIRWORTHY UNAIRWORTHY (CARCAPPROPERTIES AND FOUND IT AIRWORTHY UNAIRWORTHY CARCAPPROPERTIES AND FOUND IT AIRWORTHY CARCAPPROPERTIES AND FOUND IT A	BY APPROVED REPAIR STATION, CERTIFICATE NO),		≥
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED OPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) L. GURRENT OPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) D. L. CURRENT OPERATION LIMITATIONS, FORM ACA-399, IS AVAILABLE IN AIRCRAFT C. L. CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT L. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT C. L. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS I. CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE BY Fred W. Foin (NAME OF ISSUING REPRESENTATIVE) CAAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected under the authority accorded certificated repair station NO by CAR 52 and was found to be: AIRWORTHY UNAIRWORTHY REPAIR STATION AUTHORIZED SIGNATURE CAAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY DESIGNATION NO. DESIGNATION	BY MECHANIC, CERTIFICATE NO. M. Vandan	Derg A&B13317	2	65
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED OPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) L. GURRENT OPERATION LIMITATIONS, FORM ACA-399, WAS ISSUED (COPY ATTACHED) D. L. CURRENT OPERATION LIMITATIONS, FORM ACA-399, IS AVAILABLE IN AIRCRAFT C. L. CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT L. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT C. L. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS I. CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSUED TO EXPIRE BY Fred W. Foin (NAME OF ISSUING REPRESENTATIVE) CAAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected under the authority accorded certificated repair station NO by CAR 52 and was found to be: AIRWORTHY UNAIRWORTHY REPAIR STATION AUTHORIZED SIGNATURE CAAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY DESIGNATION NO. DESIGNATION	b. A PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-31	19, WAS RETURNED TO OWN	ŒR 🗫	26 ∞
CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION CAA REPR	a. ☐ OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED ((COPY ATTACHED)	-300°	1
CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION CAA REPR			82	32 6
CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAA REPRESENTATIVE CERTIFICATION CAA REPR				
CAA APPROVED REPAIR STATION CERTIFICATION CAA APPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT CAS REPRESENTATIVE CERTIFICATION CONTROL CONTR	and the state of t	the state of the s	₩ €	ಪ
BY FRENIOUS FORM ACA-1562 WAS ISSUED TO EXPIRE 64.20/63. (DATE) BY Fred V Fenn (MAME OF ISSUING REPRESENTATIVE) CAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No			54	
BY Fred Fenn (MAME OF ISSUING REPRESENTATIVE) CASA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No		/30/63	(DATE)	
CAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No	By Fred W.Fonn	(BATE) #2327	<u> </u>	
The aircraft described on the reverse has been inspected under the authority accorded certificated repair station No	Mark and the second	Anna Maria de la Companya de la Comp	ATION NO.)	
No	CAA APPROVED REPAIR STATION CERTIFICAT	ION		
AIRWORTHY GATE GATE GATE			thority accorded certific	ated repair station
CAA REPRESENTATIVE CERTIFICATION 4 HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY DESIGNET'S SIGNATURE Bred 1 Septem 4 DESIGNATION NO. DATE BY 163 AVIATION SAFETY SERVICES SIGNATURE CAA DESIGNATION NO. DATE AVIATION SAFETY SERVICES SIGNATURE CAA DESIGNATION NO. DATE B 1163 CACCEPTED REINSPECTED REINSPECTED	reconstruction of the contract			
CAA REPRESENTATIVE CERTIFICATION HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT (Cacts appropriate tiem) DESIGNET'S SIGNATURE Prod 1. Form July July 2327 AVIATION SAFETY SECRET SIGNATURE CAA DESIGNATION NO. DATE AVIATION SAFETY SECRET SIGNATURE CAA DESIGNATION NO. DATE THE PRODUCT OF THE PROPERTY OF THE PR	☐ UNAIRWORTHY	القرارة القرارة		460
HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT (Cache appropriate them) DESIGNET'S SIGNATURE Prod V. Form John Date AVIATION SAFETY SECRET SIGNATURE CAA DESIGNATION NO. DATE AVIATION SAFETY SECRET SIGNATURE CAA DESIGNATION NO. DATE THE PRODUCT OF THE PROPRIETED TO THE PROPR	the contract of the contract o	REPAIR STATION AUTHORIZED SI	GHATURE)	(DATE)
DESIGNATURE Bred W. Form John Form DESIGNATION NO. DATE 2327 AVIATION SAFETY MENT'S SIGNATURE CAA DESIGNATION NO. DATE ACCEPTED REINSPECTED REINSPECTED	医透光性纤维 医脓性 人名英巴马克姓氏 网络人名英西马克			
AVIADON SAFETY SERVICE SIGNATURE CAA DESIGNATION NO. DATE: AT 153 REINSPECTED REINSPECTED	HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVER	SE AND FOUND IT 🙇 AI	RWORTHY UNAIRWORTH (Check appropriate tiem)	iv
AVIADON SAFETY SENT'S SIGNATURE CAA DESIGNATION NO. DATE AVIADON SAFETY SENT SIGNATURE CAA DESIGNATION NO. DATE REINSPECTED	DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE]
AVIADON SAFETY SENT'S SIGNATURE CAA DESIGNATION NO. DATE AVIADON SAFETY SENT SIGNATURE CAA DESIGNATION NO. DATE REINSPECTED		2327	p/1/62	
1/1/1/ 5	Bred & Both You Fenn		DATE	ACCEPTED
1/1/1/ 5		CAA DESIGNATION NO.		
I STOT CHECKED		CAA DESIGNATION NO.	A11 -	REINSPECTED
ATTACHMENT		FW 257-13	A.12-53	REINSPECTED SPOT CHECKED
그 그리고 : / 발전 📆 이 이 아니라는 백 원 모르는 말로 보이 하다.	AVIATION SAFETY SEENT'S SIGNATURE	FW257-13	A-12-53	1 -
	AVIATION SAFETY SEENT'S SIGNATURE	FW257-13	A.12-53	1 -

APPLICATION FOR AIRWORTHINESS CER AND/OR ANNUAL INSPECTION OF AN A	RTIFICATE IRCRAFT	Please print or typ Civil Aeronautics A Field Representativ	e. Submit this form to the dministration Aviation Safet e.
. TYPE OF APPLICATION (Check which)			
- 4- ORIGINAL ISSUANCE OF CERTIFICATE	d. 🗌 RECEI	ITIFICATION UNDER THE	PROVISIONS OF CAR 8
b. ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE		PLE CERTIFICATE UNDER	THE PROVISIONS OF CAR 8
E. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE	: L 🗖 🧎	Songala and so	
	4		
AIRWORTHINESS CLASSIFICATION (Check appropriate It is requested that the Certificate of Airworthiness b worthiness classification(s):	e issued to per	nit operation of the a	ircraft in the following air-
. A STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CA	ATEGORIES)		
LIMITED (SEE CAR'S)			
→ □ PESTRICTED (SEE CAR 8)			
(Check the restricted special purpose operation(s) to be conducted)	☐ PATR		
AGRICULTURAL AND PEST CONTROL	The second secon	HEING AND WILDLIFE CONSE	VATION
AERIAL ADVERTISING		HER CONTROL	
AERIAL SURVEYING	☐ OTHE		,
GLIDER TOWING	L OTHE		, 중심장 하는 것 같다.
d. EXPERIMENTAL (Check the type of experimental operation(a) to be conducted)			ှား မြ
RESEARCH AND DEVELOPMENT	☐ RACII	iG	13명 - 12 - 13 - 13 - 13 - 13 - 13 - 13 - 13
AMATEUR-BUILT	□ ехні	ITION	
DEMONSTRATION	□ отня	R	
B. AIRCRAFT IDENTIFICATION (Complete all tiems)		Linen	FT SERIAL NO.
Grumman 🐪 673	J suche	.	14
d. ENGINE MAKE	e. Engine	.	
d. ENGINE MAKE	ele all items)	MODEL SZHI	14
d. ENGINE MAKE	els all items)	MODEL SZEI ENT MAILING ADDRESS	c. AIRCRAFT NATIONALITY
d. ENGINE MAKE P&W 4. AIRCRAFT REGISTRATION INFORMATION (Comple	els all items)	MODEL. SZHI ENT MAILING ADDRESS WORVER—Keelsol	C AIRCRAFT NATIONALITY
d. ENGINE MAKE PEN 4. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	de all Berns) b. PERMAN Gre	MODEL. SZHI ENT MAILING ADDRESS Whaven-Keelson Drin	C AIRCRAFT NATIONALITY
d. ENGINE MAKE PEN 4. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	els all items)	MODEL. SZHI ENT MAILING ADDRESS Whaven-Keelson Drin	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE PEN 4. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	de all Berns) b. PERMAN Gre	MODEL. SZHI ENT MAILING ADDRESS Whaven-Keelson Drin	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE PEN 4. AIRCRAFT REGISTRATION INFORMATION (Comple a. REGISTERED OWNER'S FULL NAME	de all Berns) b. PERMAN Gre	MODEL. SZHI ENT MAILING ADDRESS Whaven-Keelson Drin	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Compl. a. REGISTERED OWNER'S FULL NAME GAT MOOD.	de all lienus) b. PERIMAN GATE DELTE RICH	Model. SZHI ENT MAILING ADDRESS THEYEN—Reeleor Driv	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Compl. a. REGISTERED OWNER'S FULL NAME GAT MOOD.	de all lienus) b. PERIMAN GATE DELTE RICH	Model. SZHI ENT MAILING ADDRESS THEYEN—Reeleor Driv	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Compl. a. REGISTERED OWNER'S FULL NAME GAT MOOD.	de all lienus) b. PERIMAN GATE DELTE RICH	Model. SZHI ENT MAILING ADDRESS THEYEN—Reeleor Driv	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE P&W 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owners Full NAME Get Hood 5. AIRCRAFT OWNER'S CERTIFICATION (Caret and on I hereby certify that I am the registered owner registered* with the Civil Aeronautics Administration of 50% and when operated displays the following ovices of 50% and when operated displays the following ovices.	b. PERMAN Bre Brich Bric	MODEL ENT MAILING ADDRESS Whaven-Kaelson Drin a) b) the aircraft identifi y the Regulations of thou	c. AIRCRAFT NATIONALITY AND REGISTRATION MAI
d. ENGINE MAKE P&W 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered owners full name Gat Hood. 5. AIRCRAFT OWNER'S CERTIFICATION (Cased and owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following ovic or 502 and when operated displays the following ovic	Detri	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owner's Full Name GET WOOD 5. AIRCRAFT OWNER'S CERTIFICATION (Check and control of the Civil Aeronautics Administration of 502 and when operated displays the following evic a. Certificate of registration, form ACA-500 (PART A) b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART I)	Detri	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE P&W 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered owners full name Gat Mood. 5. AIRCRAFT OWNER'S CERTIFICATION (Check and come registered with the Civil Aeronautics Administration or 502 and when operated displays the following ovice. 6. CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART I) b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART I)	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owner's Full Name GET WOOD 5. AIRCRAFT OWNER'S CERTIFICATION (Check and control of the Civil Aeronautics Administration of 502 and when operated displays the following evic a. Certificate of registration, form ACA-500 (PART A) b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART I)	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owner's Full name GAT HOOD 5. AIRCRAFT OWNER'S CERTIFICATION (Check and on I hereby certify that I am the registered owner registered* with the Civil Aeronautics Administration of 502 and when operated displays the following evides a Certificate of Registration, FORM ACA-500 (PART A) b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART A) W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, I	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owner's Full name GAT HOOD 5. AIRCRAFT OWNER'S CERTIFICATION (Check and on I hereby certify that I am the registered owner registered* with the Civil Aeronautics Administration of 502 and when operated displays the following evides a Certificate of Registration, FORM ACA-500 (PART A) b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART A) W-300 ON C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, I	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owner's Full Name GAT Mood. 5. AIRCRAFT OWNER'S CERTIFICATION (Check and on I hereby certify that I am the registered owner registered with the Civil Aeronautics Administration or 502 and when operated displays the following evice. 6. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART A) W-300 ON REGISTRATION, FORM ACA-500 (PART A) C. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, I are company to the Civil Aeronautics Act of 1938, as amended.	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owners Full Name Gat Mood. 5. AIRCRAFT OWNER'S CERTIFICATION (Check and continuous and con	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE P&W 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owners Full Name Get Mood. 5. AIRCRAFT OWNER'S CERTIFICATION (Caect and continuous formation of the Complete Registered owner registered* with the Civil Aeronautics Administration of 502 and when operated displays the following owner of 502 and when operated displays the following owner of the Civil Aeronautics Administration of 502 and when operated displays the following owner of the Civil Aeronautics of the C	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501
d. ENGINE MAKE PEW 4. AIRCRAFT REGISTRATION INFORMATION (Complete Registered Owners Full Name Gat Mood. 5. AIRCRAFT OWNER'S CERTIFICATION (Check and continuous and con	Detro	MODEL. SZHI ENT MAILING ADDRESS TO Drive	c. AIRCRAFT NATIONALITY AND REGISTRATION MAIN N-2954 and in Item 3 above which is the Administrator, Part 501

311 1 - 1952

AIRCRAFT AND ENGINE CERTIFICATION BASIS AIRCRAFT SECRIFICATION ON 7832 THROUGH SHEET REVISION FOR NO. AIRCRAFT LISTING PAGE NO. AIRCRAFT LISTING PAGE NO. AIRCRAFT LISTING PAGE NO. AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT NEW HO PREVIOUS OPERATING RECORDS AIRCRAFT NEW HO PREVIOUS OPERATING RECORDS AIRCRAFT RECORDS INDICATE THE FOLLOWING OFFINITUM. SERIAL NO. (19th) 327929 TOTAL HOURS SERI		~~~		
To be completed by a CAA representative or approved repair station) he aircraft described in Item 3 on the reverse of this form has been inspected and found to conform to the following: aircraft and environ certification to 793				
AIRCRAFT SPECIFICATION NO. 783 THROUGH SHETT REVISION NO. 3 AIRCRAFT SPECIFICATION NO. 783 THROUGH SHETT REVISION NO. 3 AIRCRAFT LISTING PAGE NO. 1263 THROUGH SHETT REVISION NO. 3 AIRCRAFT LISTING PAGE NO. 1264 THROUGH CARDING 52.321 AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT NEW—NO PREVIOUS OPERATING RECORDS AIRCRAFT NEW—NO PREVIOUS OPERATING RECORDS AIRCRAFT REV—NO PREVIOUS OPERATING RECORDS AIRCRAFT REV—NO PREVIOUS OPERATING RECORDS AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED SERIAL NO. 112613 227929 TOTAL HOURS 336.12 SERIAL NO. 12613 327929 TOTAL HOURS 33				- 4-1 miliar):
L GATE ALERTING PAGE NO. AIRCRAFT LISTING PAGE NO. AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT NOW HO PREVIOUS OPERATING RECORDS AIRCRAFT RECORDS INDICATE THE AIRCRAFT HAS DIRECTIVES RECORDED AIR AIRCRAFT RECORDS INDICATE THE AIRCRAFT HAS DIRECTIVES RECORDED AIR AIRCRAFT RECORDS INDICATE THE AIRCRAFT HAS DIRECTIVES RECORDED SERIAL NO. (1-(±1, 1) 327939 TOTAL HOURS 336,12 SERIAL NO. (1-(±1, 1) 327939 TOTAL HOURS 336,12 SERIAL NO. (1-(±1, 1) 327939 TOTAL HOURS 336,12 SERIAL NO. TOTAL HOURS BY APPROVED REPAIR STATION, CERTIFICATE NO. AXESSASSAS BY APPROVED REPAIR STATION, CERTIFICATE NO. AXESSASSAS AXESSASSASSASSASSASSASSASSASSASSASSASSASSA	Check and complete applicable items) I. AIRCRAFT AND ENGINE CERTIFICATION B	ASIS		rm to the following:
AIRCRAFT AND ENGINE OPERATING RECORDS AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTENANCE HISTORY AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTENANCE HISTORY AIRCRAFT RECORDS INDICATE THE AIRCRAFT HES BEEN OPERATION OF 336,12 HOURS SERIAL NO. (1cht) 327929 TOTAL HOURS 336,12 SERIAL NO. (1cht) 327929 TOTAL HO	b. AIRCRAFT LISTING PAGE NO.	-		
LARGRAFT NEW-NO PREVIOUS OPERATION OR MAINTENANCE HISTORY LA COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN OPERATED A TOTAL OF 356.12 HOURS SERIAL NO. (1121) 327929 TOTAL HOURS 336.12 SERIAL NO. (1121) 327939 TOTAL HOURS 336.12 SERIAL NO. (1121) 327939 TOTAL HOURS 336.12 SERIAL NO. TOTAL HOURS LAST AIRWORTHINESS INSPECTION CONDUCTED 6/12/52 □ BY AIRCRAFT MANUFACTURER □ BY AIRCRAFT RAMUFACTURER □ BY AIRCRAFT HEAVILY ACTURER □ BY AIRCRAFT HEAVILY ACTURED □ BY AIRCRAFT HEAVILY ACTURER □ BY AIRCRAFT HEAVILY ACTURED □ BY AIRCRAFT HEAVILY ACTURED □ BY AIRCRAFT HEAVILY ACTURED □ DEPARTMENT LIMITATIONS, FORM ACA-309, WAS ISSUED COPY ATTACHED) □ CORRECT OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED TO EXPIRE □ CORRECT OF AIRCRAFT HEAVILY ACTURED TO EXPIRE □ CORRECT OF AIRCRAFT HEAVILY ACTURED TO EXPIRE □ CORRECT OF AIRCRAFT HEAVILLE FLICHT MANUAL IS AVAILABLE IN AIRCRAFT □ THE INSPECTION LIMITATIONS, FORM ACA-309, WAS ISSUED TO EXPIRE □ THE AIRCRAFT OF AIRCRAFT HEAVILLE FOR AIRCRAFT □ THE AIRCRAFT OF AIRCRAFT RESPONSE AND FOUND TO EXPIRE BY TRACE OF THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND TO AIRCRAFT □ AIRWORTHY □ UNAIRWORTHY □ UNAIRWORTHY □ DESIGNATION NO. □ THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND TO AIRCRAFT IN AIRCRAFT □ THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND TO AIRCRAFT IN AIRCRAFT □ THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND TO AIRCRAFT IN AIRCRAFT □ AIRWORTHY □ DESIGNATION NO. □ THE AIRCRAFT SERVICE AND AI	d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE C	ERTIFICATE)		
B. M. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECTIVES RECORDED E. M. AIRCRAFT RECORDS INDICATE THE FOLLOWING OFFERNITED A TOTAL OF SERIAL NO. (1411) 327939 TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) LAST AIRWORTHINESS INSPECTION CONDUCTED 6/12/E2 BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY AIRCRAFT MEGICION CENTURICATE NO. AAE95495 B. M. SERIAL NO. AAE95495 B. M. SERIAL NO. TOTAL HOURS BY APPROVED REPAIR STATION, CERTIFICATE NO. AAE95495 B. M. SERIAL NO. AAE95495 B. M. SERIAL NO. TOTAL HOURS BY APPROVED REPAIR STATION, CERTIFICATE NO. AAE95495 BY PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED B. OFFERTION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) B. CURRENT OFFERTION LIMITATIONS, FORM ACA-329, WAS ISSUED TO EXPIRE THE AIRCRAFT AND SECONDARY OF THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY CAA REPRESENTATIVE CERTIFICATION AVAILABLE STATION AUTHORISES OF THE AIRCRAFT DESCRIBE	이 보이면 보다 그는 그 살아 있다고 하는 사람이 이번 그런 작품이			
LEARCRAFT RECORDS INDICATE THE FOLLOWING GERATION. BEGINE RECORDS INDICATE THE FOLLOWING GERATION. SERIAL NO. (Telett) 327929 TOTAL HOURS SERIAL NO. (1eft) 327929 TOTAL HOURS SERIAL NO. (Total to the following GERATION. SERIAL NO. (1eft) 327929 TOTAL HOURS SERIAL NO. (1eft) 327929 TOTAL HOU				
L ENGINE RECORDS INDICATE THE FOLLOWING OFERATION: SERIAL NO.				
SERIAL NO. (12ft) 327929 TOTAL HOURS 336.12 SERIAL NO. (12ft) 327929 TOTAL HOURS 336.12 SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS FREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM AGA-S19) LAST AIRWORTHINESS INSPECTION CONDUCTED 6/12/52 BY APPROVED REPAIR STATION. CERTIFICATE NO. (200E) BY APPROVED REPAIR STATION. CERTIFICATE NO. A&E05405 SEPRIAL NO. TOTAL HOURS PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM AGA-S19) LAST AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED COPRENT OF REATION LIMITATIONS, FORM ACA-329, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED CORRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) CORRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) CORRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED TO EXPIRE JUNES OF A CONTROL OF A CONT			336.12 ноия	s /
SERIAL NO		and the second s		
SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS SERIAL NO. TOTAL HOURS PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM AGA-319) LAST AIRWORTHNESS INSPECTION CONDUCTED 6/12/62 BY APPROVED REPAIR STATION, CERTIFICATE NO. (GATE) BY APPROVED REPAIR STATION, CERTIFICATE NO. A&E95495 LET PERIODIC AIRCRAFT INSPECTION REPORT, FORM AGA-319, WAS RETURNED TO OWNER AIRWORTHNINESS DOCUMENTS ISSUED OR REVIEWED COMPRATION LIMITATIONS, FORM AGA-320, IS AVAILABLE IN AIRCRAFT LET CURRENT OPERATION LIMITATIONS, FORM AGA-320, IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT LET CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT CHARLES AND AGA-1520 WAS ISSUED TO EXPIRE THE OF AIRWORTHINESS, FORM AGA-1520, ISSUED TO EXPIRE BY Fred W. From CHARLES AND AGA-1520 WAS ISSUED TO EXPIRE BY FREVOUS FORM AGA-1520 WAS ISSUED TO EXPIRE CHARLES AND AGA-1520 WAS ISSUED TO EXPIRE BY FRED WAS AGAINABLE IN AIRCRAFT DESCRIBED OF EXPIRE CHARLES AND AGAINABLE IN AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY (MARKWORTHY (MARKWORTHY CARE SPIRATURE) DESIGNATION NO. DATE JUNIS 30, 1952 AVAILED SAFTY ACAT SECURIOR AVAILED SAFTY ACAT SECURIOR OF THE REVERSE AND FOUND IT AIRWORTHY SECURIOR OF THE PRINCIPATION OF THE PROVED BEGINATION NO. DATE AVAILED SAFTY ACAT SECURIOR OF THE PROVED BEGINATION NO. DATE JUNIS 30, 1952 GRANDSTATURE AVAILABLE IN AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY SECURIOR OF THE PROVED BEGINATION NO. DATE AVAILABLE SAFTY ACAT SECURIOR OF THE PROVED BEGINATION NO. SPOT CHECKED AVAILABLE SAFTY ACAT SECURIOR OF THE PROVED BEGINATION NO. SPOT CHECKED ATTACHMENT OF THE AIRCRAFT				
SERIAL NO. TOTAL HOURS PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM AGA-319) L LIST AIRWORTHINESS INSPECTION CONDUCTED 6/12/62 BY AIRCRAFT MANUFACTURER (DATE) BY APPROVED REPAIR STATION, CERTIFICATE NO. AAE95495 L SP MECHANIC, CERTIFICATE NO. AAE95495 L SP PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED C CURRENT PRADOVED AIRCLARE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT C CURRENT APPROVED AIRCLARE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT C CURRENT PROVED AIRCLARE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT C CURRENT OF AIRWORTHINESS, FORM ACA-328, ISSUED TO EXPIRE 10 AIRCRAFT BY Treat W. Fenn. CHAIR OF ISSUED TO EXPIRE 5/1/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/			-12	
PREVIOUS INSPECTION RECORD (INSPECTION RECORDED ON FORM ACA-319) LAST AIRWORTHINESS INSPECTION CONDUCTED	The state of the s		 _	
LAST AIRWORTHINESS INSPECTION CONDUCTED S/12/52 (BATE) BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY MECHANIC, CERTIFICATE NO. A&B95495 L. M. PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED L. M. OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) L. M. CURRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) L. M. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT L. M. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATION OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATION OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, WAS INSTITUTED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, WAS INSTITUTED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS IN AIRWORTHINESS I	SERIAL NO.	TOTAL HOURS		图4. 图4. Days
LAST AIRWORTHINESS INSPECTION CONDUCTED S/12/52 (BATE) BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY AIRCRAFT MANUFACTURER BY MECHANIC, CERTIFICATE NO. A&B95495 L. M. PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED L. M. OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) L. M. CURRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) L. M. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT L. M. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATION OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATION OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, WAS INSTITUTED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, WAS INSTITUTED TO EXPIRE L. M. CERTIFICATE OF AIRWORTHINESS IN AIRWORTHINESS I	PREVIOUS INSPECTION RECORD (INSPECTI	ON RECORDED ON FO	RM AGA-319)	
BY AIRCRAFT MANUFACTUREN DATE DATE BY APPROVED REPAIR STATION, CERTIFICATE NO. A&E95495 E PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED CURRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) CURRENT OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT E CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT E CHTIFICATE OF AIRWORTHINESS, FORM ACA-328, ISSUED TO EXPIRE DATE E CERTIFICATE OF AIRWORTHINESS, FORM ACA-328, ISSUED TO EXPIRE DATE E PERVIOUS FORM ACA-328 WAS ISSUED TO EXPIRE DATE BY		and the second of the second o		
BY APPROVED REPAIR STATION, CERTIFICATE NO.		LC/ DC (DATE)		in the second
E BY MECHANIC, CERTIFICATE NO. A&E95495 LE PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED L OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) L OURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT L CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT L CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT L CHERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE BY Trad W Fann (MAME OF ISSUING REPRESENTATIVE) CAA APPROVED FORM ACA-132 WAS ISSUED TO EXPIRE BY TRAD W FANN (MAME OF ISSUING REPRESENTATIVE) CAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer the aircraft described on the reverse has been inspected similer (Caec appropriate dem) DESIGNETS SIGNATURE DESIGNATION NO. ATT END ATT ACCEPTED AVAILABLES SIGNATURE CAA DESIGNATION NO. JUNE 30, 1952 CAA DESIGNATION NO. JUNE 30, 1952 CAA DESIGNATION NO. ATT END ATT ACCEPTED REINSPECTED REINSPECTED SPOT CHECKED ATTACHMENT				
LE PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-319, WAS RETURNED TO OWNER AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED . OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) b. CURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT c. CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT d. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT d. CURRENT WEIGHT AND BALANCE INFORMATION IS AVAILABLE IN AIRCRAFT d. CERTIFICATE OF AIRWORTHINESS, FORM ACA-1352 ISSUED TO EXPIRE DESCRIPTION OF ACA-1352 WAS ISSUED TO EXPIRE THEREVIOUS FORM ACA-1352 WAS ISSUED TO EXPIRE DESCRIPTION NO. CAA APPROVED REPAIR STATION CERTIFICATION The aircraft described on the reverse has been inspected mindly the authority accorded certificated repair station No. AIRWORTHY CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT Fred W. Ferm. DESIGNATURE DESIGNATURE DESIGNATION NO. DATE JUNE 30, 1952 AVAILABLE SAFTY ACCEPTED REINSPECTED SPOT CHECKED			- dittaminana	
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED a. OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) b. CURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT c. CURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT c. CURRENT OPERATION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS c. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE d. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE DESIGNATION (MAME OF ISSUENG REPRESENTATIVE) CAAE BY Fred W. Fran. (MAME) CAAE DESIGNATION NO. AIRWORTHY AIRWORTHY AIRWORTHY CAAE AEPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT DESIGNATION AUTHORIZED SIGNATURE DESIGNATION NO. DESIGNATION	BY MECHANIC, CERTIFICATE NOA&T	95495		
AIRWORTHINESS DOCUMENTS ISSUED OR REVIEWED a. OPERATION LIMITATIONS, FORM ACA-329, WAS ISSUED (COPY ATTACHED) b. CURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT c. CURRENT OPERATION LIMITATIONS, FORM ACA-329, IS AVAILABLE IN AIRCRAFT c. CURRENT OPERATION HAS BEEN RECORDED IN THE AIRCRAFT RECORDS c. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE d. CERTIFICATE OF AIRWORTHINESS, FORM ACA-132, ISSUED TO EXPIRE DESIGNATION (MAME OF ISSUENG REPRESENTATIVE) CAAE BY Fred W. Fran. (MAME) CAAE DESIGNATION NO. AIRWORTHY AIRWORTHY AIRWORTHY CAAE AEPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT DESIGNATION AUTHORIZED SIGNATURE DESIGNATION NO. DESIGNATION	L PERIODIC AIRCRAFT INSPECTION REPORT, FORM A	CA-319, WAS RETURNED TO DY	VNER	
AIRWORTHY UNAIRWORTHY (REPAIR STATION AUTHORIZED SIGNATURE) (DATE) CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY UNAIRWORTHY DESIGNEE'S SIGNATURE DESIGNATION NO. DATE JUNE 30, 1952 AVIATION SAPETY ACENTS SIGNATURE CAA DESIGNATION NO. DATE JACCEPTED AVIATION SAPETY ACENTS SIGNATURE CAA DESIGNATION NO. DATE JACCEPTED ATTACHMENT SPOT CHECKED	b. CURRENT OPERATION LIMITATIONS, FORM ACA-329, c. CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS d. CURRENT WEIGHT AND BALANCE INFORMATION IS c. CURRENT WEIGHT AND BALANCE INFORMATION IS c. CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362 EPREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE BY Frad W. Fand (NAME OF ISSUING REPRESENTATIVE) CAA APPROVED REPAIR STATION CERTIFIC The aircraft described on the reverse has been	IS AVAILABLE IN AIRCRAFT AVAILABLE IN AIRCRAFT AVAILABLE IN AIRCRAFT CRAFT RECORDS ISSUED TO EXPIRE 5/1/522 COATE COATE ATTON INSPECTED UNDER THE PROPERTY OF THE PROPERTY O	(OATE) 27 HATTON NC.)	cated repair station
CAA REPRESENTATIVE CERTIFICATION I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT AIRWORTHY (Cack appropriete them) DESIGNAE'S SIGNATURE DESIGNATION NO. DATE Fred 4 February Agents Signature CAA DESIGNATION NO. DATE JUNE 30, 1952 AVIATION SAFETY AGENTS SIGNATURE CAA DESIGNATION NO. DATE JUNE 30, 1952 AVIATION SAFETY AGENTS SIGNATURE AVIATION SAFETY AGENTS SIGNATURE AVIATION SAFETY AGENTS SIGNATURE ATTACHMENT ATTACHMENT	☐ AIRWORTHY	u w be.		
THAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVERSE AND FOUND IT TO AIRWORTHY (Check appropriate tien) DESIGNATURE Fred W. Fenth Auditor No. 10ATE 2327/ JUNE 30, 1952 AVIATION SAFETY AGENTS SIGNATURE CAA DESIGNATION NO. 10ATE JUNE 30, 1952 AVIATION SAFETY AGENTS SIGNATURE 2.579.28 7-21-52 SPOT CHECKED		(REPAIR STATION AUTHORIZED I	HIGHATURE)	(DATE)
DESIGNETS SIGNATURE Fred W. Fent AU DESIGNATION NO. DESIGNATION NO. DATE JUNE 30, 1952 AVIATION SAFETY ACENTS SIGNATURE CAA DESIGNATION NO. DATE PACCEPTED REINSPECTED ATTACHMENT ATTACHMENT	CAA REPRESENTATIVE CERTIFICATION			
Fred W. Fenty LU W. LOW 23277 JUNE 30,1952 AVIATION SAPETY ACENTS SIGNATURE CAA DESIGNATION NO. DATE CAA DESIGNATION NO. DATE REINSPECTED REINSPECTED SPOT CHECKED	$\Omega \sim \Omega$	EVERSE AND FOUND IT	URWORTHY UNAIRWORT (Check appropriate tlem)	нү
AVIATION SAPETY ACENTS SIGNATURE CAA DESIGNATION NO. DATE SPOT CHECKED ATTACHMENT CAA DESIGNATION NO. DATE SPOT CHECKED	Fred W. Ferre red Willem	- L		2
2.579.28 7-21-52 REINSPECTED SPOT CHECKED	AVIATION SAFETY AGENTS SIGNATURE		DATE	ACCEPTED
□ ATTACHMENT /	admin .	20792	7-21-52	REINSPECTED
	☐ ATTACHMENT		and the same of th	[] STOT WILLIAM]
A COTTOURNET PRINTING OFFICE 15-APPLY OF				
		والمتح والمراجع والمتح والمناطق والمناطق والمناطق والمناطق والمتحاط والمتحا	a la granate	

m ACA-8 (11-48)	87		DEPARTMENT OF COMM	ERCE ^{LL} J.	Form Approved. Budget Bureau No. 41–R052.2.	
(11 80)	N-246 3-1	D ALTERATION	FORM (AIRCRAFT, PROP	ELLERS, ENGINES,	INSTRUMENTS)	
	RETAIN AN	U BLILLE STOR	SE SIDE OF THIS FORM I	FOR INSTRUCTIONS	3)	-
	MAKE	(SEE REVER	MODEL	J-14	NC-2954	"]
IRCRAFT	Grumma		ADDRESS (Street and no			7
5.7	NAME (First,	middle, last)	5574 Coll	ins Avenue.	Miami Beach Fla.	
OWNER	524					
			ONLY FOR THE UNIT REPAIR	RED AND/OR ALTERE	D	
ILL IN		1.0	MODEL	SERIAL NO.	NATURE OF WORK (Check) MAJOR REPAIR MAJOR ALTERATION	
UNIT		MAKE		1	MAJOR REPAIR	
IRCRAF	T 10000	*************	(As described in item I above)	*****************	X	_
	4 apr 1			100		
ROPELLER BLADE OR HUB				****		
ENGINE		والمراجع المراجع المرا				4
1 1	A16.7	D MANUFACTURER				
STRUME	NT.	Allega Sparit and Armed			· · · · · · · · · · · · · · · · · · ·	33
			item must be completed by re	pair or alteration agenc	y. However, in the case	
AIRCRAFT		of a	sitem must be completed by re spare component, it will not be raft. At this time, it will be co	completed until such completed by the install	ing agency, if applicable.	
EIGHT A	ND BALANCE D	IAIA		GRAVITY (Inches from datum)	• USEFUL LOAD (Pounds)*	
		/ EMPTY WEIGHT			7500	
FTER the describe	repairs and/or altere d below were made.	9242	12,0	of de	- Sum	
1.						v se
			THE SHOOT AT TERATIONS	(Check)	AL 1	
	and the transfer of the second		AIRS AND/OR ALTERATIONS		CERTIFIED MECHANIC	
□ w	IANUFACTURER	R APPROVED	REPAIR STATION NO.	(Specify)	Law war Account light	<u>. </u>
□ w	IANUFACTURER	R APPROVED	REPAIR STATION NO.	(Specify)	Law war Account telef	D.
□ M	NAME	R APPROVED	ADDRESS (Street and number Bay 99 Date	(Specify) 7, city, zone, and State) Olt Clty Air; Nicht Gan	DATE WORK ACCOMPLISHED	
□ M	NAME	R APPROVED	ADDRESS (Street and number Bay 99 Date	(Specify) 7, city, zone, and State) Olt Clty Air; Nicht Gan	DATE WORK ACCOMPLISHED	
. AGENC	NAME NAME RIFTION OF V	Gan Aviation WORK (ALL WORK) AND ITS ASS	ADDRESS (Street and number Bay #9 Detrom Detrom Bay #9 Detrom Detrom Beacomplished in Accomplished in Accomplished in Accomplished Street Gyll Aeronautica #92525 Gyll Aeronautica #9255 Gyll Aeronautica #925	(Specify) T, city, rone, and State) Olt City Air; It Michigan CORDANCE WITH PART AND W109102.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME NAME RIFTION OF V	Gan Aviation WORK (ALL WORK) AND ITS ASS	ADDRESS (Street and number Bay #9 Detrom Detrom Bay #9 Detrom Bear Bear Bear Bear Bear Bear Bear Bear	(Specify) 7, city, rone, and State) 11 Clty Air; 11 Michigan CORDANCE WITH PART AND W109102.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME NAME RIFTION OF V	gan Aviatio	ADDRESS (Street and minmore Bay #9 Detrimore Bay #9 Detri	(Specify) T, city, rone, and State) Olt Clty Air; It Michigan CORDANCE WITH PART ANDS W109102. - 697. - 337.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME 1011 RETION OF V	gan Aviatio	ADDRESS (Street and number Bay #9 Detrom Detrom Bay #9 Detrom Bear Bear Bear Bear Bear Bear Bear Bear	(Specify) T, city, rone, and State) Olt Clty Air; It Michigan CORDANCE WITH PART ANDS W109102. - 697. - 337.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME 1011 RETION OF V	gan Aviation work (ALL WORK) AND ITS ASSINATED THR Modulator	ADDRESS (Stret and number of the party of th	(Specify) T, city, rone, and State) Olt City Air; It Michigan CORDANCE WITH PART ANS W109102. - 697. - 367. - 1176.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME NAME Alchi RIETION OF V SELLED DEST	gan Aviation WORK (ALL WORK) AND ITS ASS Narco VTR Modulator	ADDRESS (Stret and number of the party of th	(Specify) T, city, rone, and State) Olt City Air; It Michigan CORDANCE WITH PART ANS W109102. - 697. - 337. - 1176. D2 - 12757313	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
. AGENC	NAME NAME Alchi RIETION OF V SELLED DEST	gan Aviation WORK (ALL WORK) AND ITS ASS Narco VTR Modulator	ADDRESS (Stret and number of the party of th	(Specify) T, city, rone, and State) Olt City Air; It Michigan CORDANCE WITH PART ANS W109102. - 697. - 337. - 1176. D2 - 12757313	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
AGENC	NAME IN CALL OF VALUE	gen Aviation WORK (ALL WORK I AND ITS ASS Narco yrr Modulator a	ADDRESS (Street and number of the party of t	(Specify) T, city, rone, and State) Olt Clty Air; It Highigan CORDANCE WITH PART ANDS LOSSON - 697. 1 1176. D8 D8	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
AGENCE	NAME IN ON OF VARIETION OF VARI	gen Aviation WORK (ALL WORK I AND ITS ASS Narco yrr Modulator a	ADDRESS (Stret and number of the party of th	(Specify) T, city, rone, and State) Olt Clty Air; It Highigan CORDANCE WITH PART ANDS LIOSIOS. 337. 1176. D8 D8	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
AGENCE IN MORE IN MORE IN MORE IN FORWARD	NAME IN ON OF WARREND FOR	Gan Aviation WORK (ALL WORK) AND ITS ASSINATED UPR MODULATOR ing schedule ing schedule ing schedule in the	ADDRESS (Stred and minmor Bay #9 Detro Det	(Specify) T, city, rone, and State) Olt Clty Air; It Michigan CORDANCE WITH PART ANDS 109102. - 697. - 367. - 1176. DS	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
AGENCE IN MORE IN MORE IN MORE IN FORWARD	NAME IN ON OF WARREND FOR	Gan Aviation WORK (ALL WORK) AND ITS ASSINATED UPR MODULATOR ing schedule ing schedule ing schedule in the	ADDRESS (Street and number of the best of 1 true and correct to the best of 1 true and correct true and correct true and correct true and true and correct true and	(Specify) T, city, rone, and State) Olt Clty Air; It Michigan CORDANCE WITH PART AND LIOSION - 697. - 337. 12. 13. 13. 14. 15. 16. 17. 18. 18. 18. 19. 19. 19. 19. 19	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 55 576-	
AGENC	Logdi	gan Aviation WORK (ALL WORK I AND ITS ASS Narco UTR Modulator a us ing schedule 1 continue on reperse, or a	ADDRESS (Street and number of the base of the best of	(Specify) T, city, rone, and State) Olt Clty Air; It Highigan CORDANCE WITH PART AND LIVE - 697. - 337. - 1176. D8 D8 DOVE Changes of registration mark.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 175	
AGENC	NAME NAME NAME NAME NAME NAME NAME NAME	gan Aviation gan Aviation work (ALL Work I AND ITS ASS Narco yra Modulator a ing schedule I continue on reserse, or a continue on reserse, or a continue on reserse, or a	ADDRESS (Street and number Bay #9 Detr Detr Detr Detr Detr Detr Detr Detr	(Specify) Tr. city, rone, and State) Olt Clty Air; It Highigan CORDANCE WITH PART ANDS LOOSION - 697. - 337. - 1176. DB DOVE Changes of registration mark. In which we have a compared to the comp	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 5 5 75 75 75 75 75 75 75 75 75 75 75 7	
AGENCE IN MORE IN MORE IN MORE IN FORWARD	NAME NAME NAME NAME NAME NAME NAME NAME	Ban Aviation WORK (ALL WORK IN AND ITS ASSINATED WTR Modulator a us ing schedule in the s	ADDRESS (Street and number of the base of the best of	(Specify) Tr. city, rone, and State) Olt Clty Air; It Highigan CORDANCE WITH PART AND LOGICA - 697. - 337. 1176. DB DOVE Changes of registration mark.	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 5 5 75 75 75 75 75 75 75 75 75 75 75 7	
AGENCA AG	Loadi Loadi Loadi Charles Loadi Charles Loadi Charles Loadi Charles Charles Compared to the short of the	gan Aviation gan Aviation work (ALL Work I AND ITS ASS Narco yra Modulator a ing schedule I continue on reserse, or a continue on reserse, or a continue on reserse, or a	ADDRESS (Street and number Bay #9 Detr Detr Detr Detr Detr Detr Detr Detr	(Specify) Tr. city, rone, and State) Oli Clay Air; It Highigan CORDANCE WITH PART ANDS LOOSION 337, 1176. DS DOVE Changes of registration mark. The property of the state of the	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 5 5 10-31-51 (Date) DATE 10-31-51	
APP	NAME NAME NAME NAME NAME NAME NAME NAME	Ban Aviation WORK (ALL WORK IN AND ITS ASSINATED WTR Modulator a us ing schedule in the s	ADDRESS (Street and number Bay #9 Detr Detr Detr Detr Detr Detr Detr Detr	(Specify) T, city, rone, and State Oli City Air; It Highigan CORDANCE WITH PART AND LOSION 337, 1176. DS DS DOVE Changes of registration mark. my knowledge. O REPRESENTATIVES NO. 38	DATE WORK ACCOMPLISHED 10-31-51 18 OF THE CIVIL AIR REGULATION 5 5 10-31-51 (Date) DATE 10-31-51 TED DATE	

INSTRUCTIONS

1. This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, A or instrument.

2. When repairs and/or alterations are made which affect the operation limitations set forth in the Airplane Flight Manual or Form ACA-309, the aircraft shall not be returned to service until the operation limitations have been corrected by an authorized representative of the CAA.

3. Certificated mechanics must, in all cases, obtain approval of the repair and/or afteration from the CAA representative prior to returning the article to service.

The manufacturer of an aircraft, engine, propeller, or instrument, and a certificated repair station holding the appropriate rating may return the article to service without prior approval of an aircraft. CAA representative, provided the alteration and/or repair does not change any of the operation limitations.

Repair agencies will be guided as follows when

5. Repair agencies will be guided as follows when completing this form.

For an Aircraft Repair and/or Alteration—Complete Items 1, 2, 8a, 4, 5, 6, and 7. Mechanic—Submit to CAA representative for inspection and approval prior to returning the article to service. Upon approval, the CAA representative will return the original copy to the mechanic who should submit it to the aircraft

Manufacturer or Approved Repair Station-Submit original to aircraft owner, forward copy to CAA district office or CAA agent prior to returning article to service.

For a Component Installed in an Aircraft—Complete Items 1, 2, 8 (b, c, or d, whichever is applicable), 4, 5, 6, and 7. Distribute copies as in a above.

For a Spare Component—Complete Items 3 (b, c, or d, whichever is applicable), 5, 6, and 7. Mechanic—Submit to CAA representative for inspection and approval. When approved, retain both copies of the form with the component until installation on an aircraft. At this time Items 1, 2, and 4 must be completed by the installing agency who will distribute the forms as follows: (No further approval of CAA is required, only a log-book entry by the installing agency is necessary.) After installation, original form should be submitted to aircraft owner, and copy forwarded to the page as CAA aigraft office or CAA areas. warded to the nearest CAA district office or CAA agent.

Manufacturer or Approved Repair Station—Handle same as for mechanics except that it is not necessary to submit to CAA representative for inspection or approval.

PPLICATION FOR AIRWORTHINESS CERTIFICATE IND/OR ANNUAL INSPECTION OF AN AIRCAFT APPLICATION COMECK WHETHER) GRIGHMA MEROPRINNESS CERTIFICATE STANDAL INSPECTION APPLICATION COMECK WHETHER) GRIGHMA MEROPRINNESS CERTIFICATE STANDAL INSPECTION AIRCRAFT MAKE GRIDNE MAKE GRINE MAKE MAKE MAKE MAKE MAKE GRINE MAKE GRINE MAKE MAK	orm ACA-805 (11-49)	DEPARTMENT OF CON	MERCE) Bud	Form Approved get Bureau No. 41-R041.4	
GRIGINAL AIRWORTHINESS CERTIFICATE BITAMORAD RESTRICTED OTHER JAMINUAL INSPECTION DATE DATE DATE MAKE GRUNDBAN WALLER BITAMORAD DATE DATE MAKE GRUNDBAN WALLER BITAMORAD DATE DATE MAKE GRUNDBAN WALLER BITAMORAD DATE DATE DATE MAKE SHAPL DATE DATE DATE DATE DATE MAKE SHAPL DATE DATE DATE DATE DATE ACA-317 DATA DRAWINGS, ETC. DATE DATE DATE DATE DATE ACA-317 DATA DRAWINGS, ETC. DATE DATE DATE DATE DATE ACA-317 DATA DRAWINGS, ETC. DATE D	PPLICATION F AND/OR ANNU	AL INSPECTION OF AN AIR	CRAFT	Please submit thi ministration Avi	s form to the Civil Aeronautics	Ad- ative
EXPERIMENTAL LIMITED OTHER OTHER OTHER				STRICTED		
MAKE GTUETERN Mallard S. MATOMALIT AND RECISTRATION MAKE R 2954 6. MANUFACTURER'S SERIAL NO J=14 ENGINE 8. MODEL SSHI PRATT & Whitney OWNER'S NAME GAT WOOD ACA-509 WEIGHT AND BALANCE REPORT ACA-317 DATA, DRAWINGS, ETC. ACA-317 DATA, DRAWINGS, ETC. ACA-317 DATA, DRAWINGS, ETC. ALECK AND COMPLETE APPLICABLE I TEMS) AIRCRAFT INSPECTION REPORT (CHECK AND COMPLETE APPLICABLE I TEMS) AIRCRAFT SECIFICATION NO. A-783 THROUGH SHEET REVISION NO. AIRCRAFT INSPECTION NO. AIRCRAFT INSPECTION BEPORT (CHECK AND COMPLETE APPLICABLE I TEMS) AIRCRAFT SECIFICATION NO. A-783 THROUGH SHEET REVISION NO. AIRCRAFT SECIFICATION FORM ACA-309 ISSUED. AIRCRAFT SECIFICATION FORM ACA-309 ISSUED. AIRCRAFT SECIFICATION FORM ACA-309 ISSUED. B AIRWRITHINESS DIRECTIVE SUMMARY OPERATIONS LIMITATIONS FORM ACA-309 ISSUED. B AIRWRITHINESS DIRECTIVE SUMMARY THROUGH CARD NO. B AIRWRITHINESS DIRECTIVE SUMMARY THROUGH CARD NO. B AIRWROTTHINESS DIRECTIVE SUMMARY THROUGH CARD NO. B AIRWROTTHY B AIRWROTTHINESS FORM ACA-309 ISSUED. FINDINGS THROUGH CARD NO. THROUGH CARD NO. A B AIRWROTTHY B AIRWROTT			NTAL LI	ATTED OT	HER	÷
MAKE G-THEREN Mallard G-78 ENGINE S. MODEL		AII	CRAFT	- (درو)	S ANTIQUES INV AND DECISTRATION M	APK
MANUFACTURES SIMIL NO. G-78 ENGINE SSH1 OWNER'S NAME SSH2 OWNER'S NAME Gar Wood ATTACHMENTS (CHECK WHICH) ACA-319 DATA, DRAWINGS, ETC. ACA-319 DATA, DRAWINGS, ETC. ACA-317 DATA, DRAWINGS, ETC. ACA-317 ATTACHMENTS (CHECK WHICH) ATTACHMENTS (CHECK WHICH) ACA-317 DATA, DRAWINGS, ETC. ACA-317 DATA, DRAWINGS, ETC. ACA-317 ATTACHMENTS (CHECK WHICH) ATTACHMENTS (CHECK WHICH) ACA-317 DATA, DRAWINGS, ETC. ACA-319 ACA-317 DATA, DRAWINGS, ETC. ACA-317 ACA-317 ATTACHMENTS (CHECK WHICH) ACA-317 DATA, DRAWINGS, ETC. ACA-317 ACA-318 ATTACHMENTS (CHECK WHICH) ACA-319 ACA-319 ACA-317 DATA, DRAWINGS, ETC. ACA-317 ACA-317 ACA-318 ACA-317 ACA-317 ACA-317 ACA-317 ACA-305 ATTACHMENT ACA-305 ATTACHMENT ACA-305 ACA-317 ACA-317 ACA-317 ACA-317 ACA-317 ACA-317 ACA-317 ACA-318 ACA-317 ACA-317 ACA-317 ACA-318 ACA-317 ACA-317 ACA-318 ACA-317 ACA-318 ACA-317 ACA-318 ACA-317 ACA-318 ACA-319 ACA-319 ACA-317 ACA-318 A	MAKE GPUT	men Wallard		K	N 2954	
ENGINE 8. MODEL SSBI OWNER'S NAME GAT WOOD ATTACHMENTS (CHECK WHICH) ATTACHMENTS (CHECK WHICH) ATTACHMENTS (CHECK WHICH) ACA-319 WEIGHT AND BALANCE REPORT Great Aca-350 Great A	MODEL					NO.
WHERE S NAME OWNER'S NAME Gar Wood ATTACHMENTS (CHECK WHICH) ACA-319	G-78			/-	J=14 -	
OWNER'S NAME GAT WOOD ACA-319 WEIGHT AND BALANCE REPORT	-			/		
OWNER'S NAME GAT WOOD ACA-319 WEIGHT AND BALANCE REPORT				SHI	4.	
ACA-337	OWNER'S NAME		10. (GIVE GIVEN ACA-5	ADDRESS ONLY IF ON YOUR CERT	IT HAS BEEN CHANGED FROM FICATE OF REGISTRATION, F	THAT FORM
ACA-319 WEIGHT AND BALANCE REPORT ACA-317 DATA, DRAWINGS, ETC. ACA-337 DATA, DRAWINGS, ETC. ACA-317 UNAPPROVED DEVIATION DATA ACA-317 UNAPPROVED DEVIATION DATA ACA-317 UNAPPROVED DEVIATION DATA ACA-317 ACA-305a AIRCRAFT INSPECTION REPORT (To be completed by CAA representatives) It has been determined that the aircraft described in 305 above is in conformity with the following: (CHECK AND COMPLETE APPLICABLE ITEMS) AIRCRAFT EISTING PAGE NO. A-783 THROUGH SHEET REVISION NO. A-785 THROUGH SHEET REVISION NO. AIRCRAFT LISTING PAGE NO. AIRCRAFT LISTING PAGE NO. AIRWORTHINESS DIRECTIVE SUMMARY 1/1/51 THROUGH CARD NO. 51-11 AIRCRAFT LISTING PAGE NO. AIRWORTHINGS FORM ACA-309 ISSUED. THROUGH CARD NO. 51-11 AIRCRAFT LISTING PAGE NO. AIRWORTHINGS FORM ACA-309 ISSUED. THROUGH CARD NO. 51-11 AIRCRAFT LISTING PAGE NO. AIRWORTHINGS FORM ACA-309 ISSUED. THROUGH CARD NO. 51-11 AIRCRAFT LISTING PAGE NO. AIRWORTHINGS FORM ACA-309 ISSUED. AIRWORTHY AIRCRAFT. AIRCRAF			K		Str. one true	:
ACA-317	ATTACHMENTS (CHECK WHICH) 12. I ci	ERTIFY that t	he above statemer	its are true.	2
ACA-317	₹ ACA-319 □ WE	EIGHT AND BALANCE REPORT		M	1 Mus	
ACA-317 UNAPPROVED DEVIATION DATA ACA-317				J. 19 6	WHER CHANTION AGENT)	<u> </u>
AIRCRAFT INSPECTION REPORT (II-6) AIRCRAFT INSPECTION REPORT (II-6) AIRCRAFT INSPECTION REPORT (To be completed by CAA representatives) It has been determined that the aircraft described in 305 above is in conformity with the following: (CHECK AND COMPLETE APPLICABLE ITEMS) AIRCRAFT SPECIFICATION NO. A=783 THROUGH SHEET REVISION NO. 2 AIRCRAFT SPECIFICATION NO. A=783 THROUGH SHEET REVISION NO. 51—11 AIRCRAFT LISTING PAGE NO. 1/451 THROUGH CARD NO. 51—11 OPERATIONS LIMITATIONS FORM ACA-339 ISSUED. AIRWORTHINESS DIRECTIVE SUMMARY INSPECTION AND PLACARDS HAVE BEEN COMPLIED WITH. EXAMPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. EXAMPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. FINDINGS AIRWORTHY AI			5/1/51		// Agent	
AIRCRAFT INSPECTION RELITIONS (To be completed by CAA representatives) It has been determined that the aircraft described in 305 above is in conformity with the following: (CHECK AND COMPLETE APPLICABLE ITEMS) AIRCRAFT SPECIFICATION NO. 4783 THROUGH SHEET REVISION NO. 2 AIRCRAFT LISTING PAGE NO. 7 THROUGH SHEET REVISION NO. 2 AIRWORTHINESS DIRECTIVE SUMMARY 1/51 THROUGH CARD NO. 51-11 OPERATIONS LIMITATIONS FORM ACA-309 ISSUED. OPERATIONS LIMITATIONS FORM ACA-309 ISSUED. OPERATIONS LIMITATIONS FORM ACA-309 IS AVAILABLE IN AIRCRAFT. EXAMPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. EXAMPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. EXAMPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. FINDINGS AIRWORTHY IS ASSIGNATION NO. 17. DATE PRINCIPLE SIGNATURE IS ASSIGNATION NO. 17. DATE AIRWORTHY IS AVAILABLE IN THE SIGNATURE IN PROCEED 20. DATE AIRWORTHY REASON FOR DISAPPROVAL, OR REMARKS (INDICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES IN INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) YES INCICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM)	☐ ACA-317 ☐ UN	APPROVED DEVIATION DATA	(DATE)		(TITLE)	
AIRWORTHY IS JUNE SUMMARY 1/51 THROUGH CARD NO. 51-11 OPERATIONS LIMITATIONS FORM ACA-399 ISSUED. (YEAR) ALL APPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. (YEAR) OPERATIONS LIMITATIONS FORM ACA-1962 WAS ISSUED. (YEAR) OPERATIONS LIMITATIONS FORM ACA-399 ISSUED. (YEAR) OPERATION ACA-399 ISSUED. (YEAR) OPERATION ACA-399 ISSUED. (YEAR) OPERATION ACA-399 ISSUED. (YEAR) OPERATION ACA-399 IS	(CHECK AND COME	nined that the aircraft described in 3	05 above is i	conformity with	the following:	
THROUGH CARD NO. A OPERATIONS LIMITATIONS FORM ACA-399 ISSUED. E CHRIENT, APPROVED, AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. E AIL APPLICABLE NOTES, INSTRUMENT MARKINGS, AND PLACARDS HAVE BEEN COMPLIED WITH. E CERTIFICATE OF AIRWORTHINESS FORM ACA-1362 WAS ISSUED. FINDINGS	👢 🖪 AIRCRAFT SPECIFI	CATION NO. A-783 THROUGH	SHEET REVISION	I NO		•
OPERATIONS LIMITATIONS FORM ACA-399 ISSUED.	b. AIRCRAFT LISTING	PAGE NO. 1/1/51 -	vocueu CARD	51-11		
C. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M. CURRENT, APPROVED; AIRPLANE FLIGHT MANUAL IS AVAILABLE IN AIRCRAFT. C. M.	e 🖀 AIRWORTHINESS D	DIRECTIVE SUMMARY (YEAR)	HROUGH CARD	10.		
FINDINGS AIRWORTHY BAIRWORTHY BAIRWORTH	OPERATIONS LIMI	TATIONS FORM ACA-309 ISSUED.	RAFT			
AIRWORTHY UNAIRWORTHY BAIRWORTHY REASON FOR DESPRESSIONAL, OR REMARKS (INDICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESPRESSIONAL, OR REMARKS (INDICATE IN YOU HAVE USED THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM) LEASON FOR DESCRIPTION OF THE REVERSE TO CONTINUE THIS OR OTHER ITEM)	e. COPERATIONS LIMI	JET: ALDDI ANE ELIGHT MANUAL IS AVAILABLE	IN AIRCRAFT.	¥₹.		
FINDINGS IS SIGNED SEGMENT SE	E. ES CURRENT, APPRO	OTES INSTRUMENT MARKINGS, AND PLACARI	DS HAVE BEEN C	OMPLIED WITH		
FINDINGS 1. 15.	E CERTIFICATE OF A	IRWORTHINESS FORM ACA-1362 WAS ISSUED.			LU	
15 15 15 15 15 15 15 15	3/				- PK -	· ·
AIRWORTHY UNAIRWORTHY 18 VIATION SAPETY AGENT'S SIGNATURE 19. ACCEPTED 20. DATE REINSPECTED 20. DATE REINSPECTED 20. DATE AEINSPECTED 20. DATE 20. DATE	11			S DESIGNATION N	IO. 17. DATE	
UNAIRWORTHY 18 VIATION SAPETY AGENT'S SIGNATURE 19. PACCEPTED 20. DATE REINSPECTED				2854		
REINSPECTED 5 - 5			ATURE 1	9. ACCEPTED		
I. REASON FOR DISCOPPIDIVAL, OR REMARKS (INDICATE 19 YOU HAVE USED THE REPEASE TO COMMISSION OF THE PROPERTY O	U UNAIRWORINI	a la same	U		5/4-5/	
6 5 1 10 7 min	DEASON FOR D	SARPHOVAL, OR REMARKS (INDICAT	TE IF YOU HAVE US	ED THE REVERSE TO COM	ITINUE THIS OR OTHER ITEM) YES	N
6-39- 6-39- 6-39- 6-39- 000-2 1-10-2	7	7	1. 4	T. 1770		
6-39- 6-39- 6-39- 000-2 1-10-2	$oldsymbol{ u}$			1/ PITTER		•
2-5B3 7W 2 2 10 2 10 2 10 2 10 2 10 2 10 2 10 2				/9>~ dt(\	wer .	n .
TOTAL PLANT				-3000000	(45) PJ 4-21	77
15-583 7 MW 2 OW 2 PINE				7 14 20		Χ.
TENTE LION			1	The Third	33 17 710	
1151115 HO-2	s. A Profit		1	5 0-5	A air	
175113V Phu					1 mo 2	- ; : :
				STITE	(S) Plus	//
				121	The	

FAA AIRCRAFT REGISTRY //-3-83

DEPT OF COMMERCE CIVIL AERONAUTICS ADM.

May 24 3 49 PM '51

MAIL ROOM-2 WASHINGTON

é

						4			
	7	183	1			1 1		Dudget Dumen	No. 41-18052 1
rm ACA-837 (11-7-46)			CIVIL	ARTMENT OF AERONAUTICS A	DMINISTRAT	LION DEO	•		No. 41-R052.1. s December 31, 1948.
REPAI	IR AND ALT	ERATION	FORM	(AIRCRAFT	, PROPEI	LERS, EN	GINES,	INSTRUM	(ENTS)
STRUCTIO	ONS.—This form gine, or instrument a Aircraft.—Con Component Inc	n must be fill nt, as follows	led out in	duplicate each	time a maj	or repair and	or alterati	ion is made	of an aircraft,
submit	as described in	(A) above.		/L = == 4\ E	and 6 and	submit to CA	A represent	tative for ap	proval. When
									items 1, 2, and
	be completed by	y the installi	ng agency	MODEL	101 WAIG 101	SERIAL NO		CAA IDENTI	FICATION MARK
AIRCRAFT M	MAKE Grumman				d G-73	3-14		NC 2	2954
N	NAME (First, middle					city, zone, and Sta		7071.704	
OWNER	Ger Mc	og				Ave.,		Beach	.Fla.
EU 1 151 151	FORMATION IN	THIS ITEM	ONLY FO	R THE UNIT	REPAIRED	AND/OR ALTI	ERED	•	
	MAK			MODEL		SERIAL NO		NATURE OF	MAJOR ALTERATION
UNIT			ــــــــــــــــــــــــــــــــــــــ					MOR REPAIR	
RCRAFT	***********	*********	(As describ	ed in item 1 abou	oe) 100000000	••••••	•	x	
PROPELLER BLADE OR HUB				1.54				5	
HUB	}		1 4 4 1			24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			•
1:									
ENGINE								- 1,542 11 11 11 11 11 11 11 11 11 11 11 11 11	
	TYPE AND MAN	IUFACTURER							
INSTRUMENT			ted by ren	air or alteratio	n agency.	However, in t	he case of	a spare con	nponent, item
The followill not be co	lowing items are ompleted until su	to be comple uch componer	MPTY CEN	TER OF GRA	LITY (Inches fi	7 Agra - 7 Ag		a spare conted by the in	
The followill not be configurable.	lowing items are ompleted until such	to be completed to the componer	MPTY CEN	n in an aircrait	LITY (Inches fi	7 Agra - 7 Ag		OAD (Pounds)	
The followill not be co	lowing items are ompleted until su	to be completed to be component of the c	MPTY CEN	TER OF GRAY	VITY (Inches fo	on datum)*	3527	OAD (Pounds)	
The followill not be coif applicable. AIRCRAFT After the repair. KIND OF A	lowing items are ompleted until such that the second secon	to be completed to be component of the c	MPTY CEN -71-8 were made.	TER OF GRAY	LITY (Inches for Check	rom datum)* 1	3527	OAD (Pounds)	
The followill not be coif applicable. AIRCRAFT After the repair. KIND OF A	lowing items are ompleted until such that the second secon	to be completed to be component of the c	MPTY CEN	TER OF GRAN	VITY (Inches for Check	om datum)* 1	3527	OAD (Pounds)	
The followill not be coif applicable. AIRCRAFT After the repair KIND OF A	lowing items are ompleted until such that the second secon	to be completed to be composed to be component of the com	MPTY CEN -71 S were made. PAIRS AND	TER OF GRAN FR. 0. 01	(LTY (Inches for Check Inches for Check	(Specity)	3527.	OAD (Pounds)) MECHANIC
The followill not be coif applicable. AIRCRAFT After the repair. KIND OF A	lowing items are ompleted until such that the second of th	to be completed to be composed to be	MPTY CEN Were made. PAIRS AND APPROVED R AD.	TER OF GRANGE OF THE OF T	C GC tum FIONS (Check NO. d number, city, c	(Specify) one, and State)	3527.	CERTIFIEL DATE WO	D MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN
The followill not be coif applicable. AIRCRAFT After the repair KIND OF A MAN AGENCY DESCRIPT ITS ASSOCIATION	lowing items are ompleted until such that the such that th	to be completed below H MADE REF	MPTY CEN MPTY CEN Were made. PAIRS AND ADDROVED R LON CO. LISHED IN CS MANU/	TER OF GRANDING TERM OF GRANDING THE TERM OF GRANDING ACCORDANCE AL 18. (IF MOR	C GC tum FIONS (Check NO. d number, city, c	(Specify) one, and State)	3527.	CERTIFIEL DATE WO	D MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN
The followill not be confident to the repair of the repair	lowing items are ompleted until such that the such that th	to be completed below H MADE REF	MPTY CEN TIS S WERE MADE AD LON CO. LISHED IN CS MANU/ ION MARK.)	TER OF GRAN TER OF GRAN OR ALTERATION DRESS (Street and Be y # 9 ACCORDANCE AL 18. (IF MOR	COLUMN CONSTRUCTIONS (Check NO. d number, ctt, Detro E WITH PA	(Specify) one, and State) it City ART 18 OF THEEDED, CONTI	3527.	CERTIFIED DATE WO	MECHANIC RK ACCOMPLISHED 10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the repair of the repair	lowing items are ompleted until such that the such that th	to be completed below H MADE REF A ACCOMPLAERONAUTI TOENTIFICAT Et lead:	MPTY CEN ATTENDATE OF THE STATE OF THE STAT	TER OF GRAN TER OF GRAN OR ALTERATION DRESS (Street am ACCORDANC AL 18. (IF MOR	C COLUMN CONSTRUCTIONS (Check NO. d number, city, E WITH PA E SPACE IS N at Stat	(Specity) one, and State) it City ART 18 OF 1 MEEDED, CONTI	3527. [Airporthe civil nue on rest to 39	DATE WOLLD AIR REGION AND AIR REGION	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the repair After the repair Part the	lowing items are ompleted until such that the second of th	to be completed below H MADE REF A ACCOMPLATERONAUTI DENTIFICAT Et lead:	MPTY CEN WERE MADE. PAIRS AND AD. LON CO. LISHED IN CS MANU/ ION MARK.)	TER OF GRANDOR ALTERATION DRESS (Street am ACCORDANCE ALTERATION ACCORDANCE ACCORDANC	Cotum Co	(Specify) one, and State) it City ART 18 OF 1 WEEDED, CONTI	3527. Airpor THE CIVIL NUE ON RE	CERTIFIED DATE WOO AIR REGION AI	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the co	lowing items are ompleted until such properties of the properties	to be compile the component of the compile the	MPTY CEN MPTY CEN Were made. PAIRS AND PPROVED R LON CO. LISHED IN CS MANU/ ION MARK.) LON Of USed Tail S	TER OF GRANCE OF THE PART OF T	COLUMN COLOR	(Specify) one, and State) it City ART 18 OF 1 WEEDED, CONTI	Airpor THE CIVIL NUE ON RE	CERTIFIED DATE WOO AIR REGEVERSE OR A	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the co	lowing items are ompleted until such properties of the properties	to be compile the component of the compile the	MPTY CEN MPTY CEN Were made. PAIRS AND PPROVED R LON CO. LISHED IN CS MANU/ ION MARK.) LON Of USed Tail S	TER OF GRAN TER OF GRAN OR ALTERATION DRESS (Street and ACCORDANCE ALL 18. (IF MORE SEE Edge of bulkhese Mfg. pai	COLUMN COLOR	(Specify) one, and State) it City ART 18 OF 1 WEEDED, CONTI	3527. Airpor THE CIVIL NUE ON RE	CERTIFIED DATE WOO AIR REGEVERSE OR A	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the repair of the repair	lowing items are ompleted until such that the second of th	to be completed below H MADE REF ACCOMPLATE OF THE REF ACCOMPLATE	MPTY CEN WERE MADE LON CO. ISHED IN CS MANU/ ION MARK.) ING GUE ON Of Used Tail St	TER OF GRAN TER OF GRAN OR ALTERATION DRESS (Street am ACCORDANCE AL 18. (IF MOR Je edge a bulkhead Mfg. pai trut Conf	Contumer of Check Inc. I de tum I ons (Check Inc. I number, city, the space is not state that that the column of the city o	(Specity) one, and State) it City ART 18 OF 1 WEEDED, CONTI	Airpor THE CIVIL NUE ON RE	CERTIFIED DATE WOO AIR REGEVERSE OR A	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the repair After the repair Test Associated to the repair Pet the new square 1 L/R.	lowing items are ompleted until such properties of the properties	to be completed below H MADE REF ACCOMPLATE OF THE REF ACCOMPLATE	MPTY CEN WERE MADE LON CO. ISHED IN CS MANU/ ION MARK.) ING GUE ON Of Used Tail St	TER OF GRAN TER OF GRAN OR ALTERATION DRESS (Street am ACCORDANCE AL 18. (IF MOR Je edge a bulkhead Mfg. pai trut Conf	Contumer of Check Inc. I de tum I ons (Check Inc. I number, city, the space is not state that that the column of the city o	(Specity) one, and State) it City ART 18 OF 1 WEEDED, CONTI	Airpor THE CIVIL NUE ON RE	CERTIFIED DATE WOO AIR REGEVERSE OR A	MECHANIC RK ACCOMPLISHED -10-50 ULATIONS AN TTACH SEPARAT
The followill not be confident to the repair After the repair Test Associated to the repair Pet the new square 1 L/R.	lowing items are ompleted until such that the above standard and the stand	to be completed below H MADE REF ACCOMPLATE TO BENT HEAD THE BENT HEAD TO BENT HEA	MPTY CEN WERE MADE LON CO. ISHED IN CS MANU/ ION MARK.) ING GUE ON Of Used Tail St	TER OF GRAY TER OF GRAY TER OF GRAY TER OF GRAY TO THE OF	Contumer of Check Inc. I de tum I ons (Check Inc. I number, city, the space is not state that that the column of the city o	(Specity) one, and Smill) it City ART 18 OF 1 deeded, conti	Airpor THE CIVIL NUE ON RE to 39 8 squat Es fo	CERTIFIED DATE WOO AIR REGEVERSE OR A	MECHANIC 10-50 ULATIONS AN TTACH SEPARAT VITIS Instal
The followill not be confident to the repair After the repair ITS ASSOC SHEETS BE. Repair Patche new square 1 L/R. 2 ea.	lowing items are ompleted until such that the second of th	to be complete the component of the complete the compl	MPTY CEN -71-S were made. PAIRS AND LON CO. LISHED IN CS MANU/ INS MAN	TER OF GRAY TER OF GRAY TER OF GRAY TO THE TO TH	TIONS (Check INO. Detro WITH PACE IS TO THE TOTAL THE TOTAL IN THE T	(Specify) one, and State) it City art. 18 Of T deeded, conti	Airpor THE CIVIL NUE ON RE to 39 5 squat Es fo	CAD (Pounds) SCERTIFIED DATE WOO AIR REGGIVERSE OR A A Left t strut ollows	MECHANIC 10-50 ULATIONS AN TTACH SEPARAT VITIS Instal
will not be or if applicable. AIRCRAFT After the repair. KIND OF A MAN AGENCY DESCRIPT ITS ASSOCIATED BE. Repair Patche new sq 1 L/R. 2 ea.	lowing items are ompleted until such that the above statement of supervisors of s	to be completed below the MADE REF ACCOMPLATE TO THE TENT OF THE	MPTY CEN -71-S were made. PAIRS AND LON CO. LISHED IN CS MANU/ INS MAN	TER OF GRAY TER OF GRAY TER OF GRAY TO ALTERA EPAIR STATION DRESS (Street an ACCORDANCE AL 18. (IF MOR See Edge a bulkinese Mfg. per trut Cont correct to the b	TIONS (Check INO. Detro WITH PACE IS TO THE TOTAL THE TOTAL IN THE T	(Specify) one, and State) it City ART. 18 OF T GEEDED, CONTI	Airpor THE CIVIL NUE ON RE to 39 5 squat Es fo	DATE WOOD AIR REGIEVERSE OR A Left tstrut ollows	MECHANIC 10-50 ULATIONS AN TTACH SEPARAT VITIS Instal
The follwill not be co if applicable. AIRCRAFT After the repair. AGENCY DESCRIPTITE ITS ASSOC SHEETS BE. Repair. Patche new sq 1 L/R. 2 ea.	lowing items are ompleted until surprise of the surprise of th	to be complete the component of the comp	MPTY CEN -71-S were made. PAIRS AND LON CO. LISHED IN CS MANU/ INS MAN	TER OF GRAY TER OF GRAY TER OF GRAY TO THE TO TH	TIONS (Check INO. Detro WITH PACE IS TO THE TOTAL THE TOTAL IN THE T	(Specify) one, and State) it City ART 18 OF 1 GEEDED, CONTI	Airpor THE CIVIL NUE ON RE to 39 5 squat Es fo	CAD (Pounds) SCERTIFIED DATE WOO AIR REGGIVERSE OR A A Left t strut ollows	MECHANIC 10-50 ULATIONS AN TTACH SEPARAT VITIS Instal

1 L.H 106026 Cap Assem. Wing tip
2 ea. 32092 Grommet Wing tip
1 L.H. 106357 Cover Navigation Lights (Plex.)
1 L.H. 106037 Fracket Assem. Pitot Tube Aft.
1 ea. 10608A Tube Pitot tube support
1 ea. 107221-2 Window, Assem. Rear
2 Ft. 337// Extrusion Alcoi (anoidized & primed)
1 pc. Katting alum.24 gage Pyramid Am & 36m
1 pc. 106003-4 Sheet, ving Sta. 317 to 594. L. 1.
1 set of wheel brgs and cones

MAIL ROOH – I Washington

IS. HA En OI SS HAD

CIVIL AEROHAUTICS ADHH

13-5-471		DEPARTMENT OF CO	MMERCE INISTRATION	FORM BUDGET BURB	APPROVED AU NO. 41-R041.J
APPLICATIO AN	N FOR ALRWORTHII NUAL INSPECTION	NESS CERTIFICATE AN OF AN AIRCRAFT		lease submit this	FRUCTIONS form to the Civil Aero- on Field Representative.
LPPLICATION (Check ORIGINAL AIRWOR ANNUAL INSPECTI	THINESS CERTIF.	CAA IDENTIFICATION TO HE HR NX HR	OTHER (Spec	15) (STANDARI	D) /
1		AIR	CRAFT		
(AKE Grumma)	n Mallard			e 73 1	RTIFICATE NO.
REGISTRATION NO. N 2954	MANUFAC	J-14	1/21/4		783
<u> </u>			IGINE		
AKE Dratt	& Whitney		MODEL SSE	3 5	
OWNER'S NAME	Wood		PERMANENT AL State) Greyha		umber, City, Zone and Delve 15
☐ ACA-805 ☐ D	EIGHT AND BALANCE PECIAL APPROVALS DATA, DRAWINGS, ET	REPORT			RUE. WELKO RUTHORIZED ABENT
□ ACA-317 . □ U	JNAPPROVED DEVIATI	10N DATA 4/4	/50 DATE	Agent	TITLE
ALL APPLICABLE MĄ WITH TO YES IN	NDATORY NOTES, IN	RCRAFT DESCRIBED IN 3 STRUMENT MARKINGS AND INESS DIRECTIVE, NO(S	PLACARDING RI	QUIREMENTS HAVE BEE	N COMPLIED
AUTHORITY FOR EXC					
AUTHORITY FOR EXC	EPTIONS (If any)	ORTHINESS, ISSUED	ORIGINAL	ANNUAL IN	
FORM ACA-1362, CE hock whether) DOPERATION LIMI	RTIFICATE OF AIRM TATIONS FORM ACA- ANE FLIGHT MANUAL DESMANEE'S SIGN TRACK. BO	309 WAS ISSUED, OR IS IN THE AIRCRAFT FI	WD I NGS	ANNUAL INSTANTANTANTANTANTANTANTANTANTANTANTANTANT	DATE APT11.4.1950

FAA AIRCRAFT REGISTRY 11-3-83

4.

MAIL ROOM-1

02. Hg 22 1 -75 89A

FORSHMOD FO THEMTHARY, MACA SOITUAND FOR U

RM ACA-8	37	DEPARTMENT OF COMMERCE		GET BURBAU NO. L EXPIRES DECEM	BER 31, 1948
-7-461		FORM (AIRCRAFT, PROPELL		TRUMENTS)	
	Ti a	d out in dunlicate each t	ime a major repair a	nd/or alteration	n is made
MSTRUCTI fan air	ONS - This form must be fille craft, propeller, engine, or	instrument, as follows:	and ambmit to GAA FR	oresentative fo	or approval:
(A) For	craft, propeller, engine, or an Aircraft - Complete items a Component Installed in an	1, 2, 8s, 4, 5, 6, and 1	1. 2. 8(b. c. or d.	whichever is a	plicable),
(B) For	a Component Installed in an	ribed in (A) above.			
(C) For	5, and 6, and submit as described a Spare Component - Complete	items 8(b, c, or d), 5,	and 6, and submit to m with the component	until install	tion on an
app	roval approved, items	1. 2. and 4 must be complet	ed by the installing	ig agency, whic	Will then
101	ward forms as described in the	MODEL	SERIAL HO-	CAA IDENT	1 FECATION MARK
IRCRAFT	Grumman	G-73	J-14	NC29	54
	NAME (First; middle, last)	ADDRESS (Street and	s Ave., Miami	, and state) Reach: P	18.
WNER	Gar Wood	5574 COLLIN	S WAG . MITOMIT	. Dodon, -	
		TOO THE UNIT DEPAIDED AND	OR ALTERED		
TEL- IN	INFORMATION IN THIS ITEM ONLY	FOR THE UNIT REPAIRED AND		NATURE OF	WORK (Check)
UNIT	MAKE	MODEL -	SERIAL NO.	MAJOR REPAIR	MAJOR ALTERATION
No affilia para in	1 se mainte de la section de l'indept 1 : 2				•
RCRAFT	(Az de	scribed in Item 1 sbove)			X
PROPELLER					
BLADE OR Hub					
NGINE					
NGINE					
	TYPE AND MANUFACTURER				
INSTRUMENT					1
tem 4 W1 cmpleted	wing items are to be complete il not be completed until si by the installing agency, if FMPTY WFIGHT (Pounds)* EMPTY	applicable. Y CENTER OF GRAVITY (Inches	from datum)* USEFU		
ompleted	wing items are to be complete Il not be completed until at by the installing agency if EMPTY WEIGHT (Pounds)* 9222.55	applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of detu	from datum)* USEFU	L LOAD (Pounds)	
AIRCRAFT	wing items are to be completed until si by the installing agency, if EMPTY WEIGHT (Pounds)* LWPTY 9222.5	applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu escribed below were made.	from detum)* USEFU m 3	L LOAD (Pounds) 527 •5	
AIRCRAFT FIER the KIND OF	wing items are to be completed in not be completed until a by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1. repairs and/or alterations d AGENCY WHICH MADE REPAIRS AN	applicable. y Center of Gravity (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO.	from datum)* USEFU IM 3	L LOAD (Pounds) 527 •5	
AIRCRAFT FIER the KIND OF	wing items are to be complete Il not be completed until si by the installing agency, if EMPTY WEIGHT (Pounds)* EMPT 9222.5 -1 repaire and/or alterations d AGFNCY WHICH MADE REPAIRS AM	applicable. y center of Gravity (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO.	from datum)* USEFU IM 3:	L LOAD (Pounda) 527 • 5	TED MECHANIC
AIRCRAFT TER the KIND OF	wing items are to be completed in not be completed until a by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1. repeirs and/or alterations d AGENCY WHICH MADE REPAIRS AN FACTURER APPROVED	applicable. y Center of Gravity (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO.	Im USEFU 18 (SPECIFY) 5.5. city, zone, and	L LOAD (Pounda) 527 • 5 OSJ CERTII	TED MECHANIC
AIRCRAFT AIRCRAFT FIRE the KIND OF MANU	wing items are to be completed until sill not be completed until silvy the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or alterations of AGENCY WHICH MADE REPAIRS AMFACTURER APPROVED Grumman Aircraft Eng. Corp.	applicable. y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and now Dethpage, L. I	If the datum) USEFU 3: 18 (SPECIFY) bor, city, zone, and	L LOAD (Pounds) 527.5 EX centil	ried mechanic ork accomplisher 28/49
AIRCRAFT PTER the KIND OF MANU AGENCY	wing items are to be completed until all not be completed until all by the installing agency, if EMPT' WEIGHT (Pounds)* EMPT' 9222.5 -1 repairs and/or alterations of AGENCY WHICH MADE REPAIRS AN FACTURER APPROVED APPROVED THE COPP.	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu ecribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and now Bethpage, L.1	18 (specify) ber, city, zone, and	L LOAD (Pounds) 527.5 EX CERTIII	TIED MECHANIC ORK ACCOMPLISHES 28/49 SSOCIATED CIVIL
AIRCRAFT FIEE the KIND OF AGENCY DE SCRIP AERONAL	wing items are to be completed until sil not be completed. The installing agency, if EMPT WEIGHT (Pounds)* EMPT 9222.5	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu ecribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and now Bethpage, L.1	18 (specify) ber, city, zone, and	L LOAD (Pounds) 527.5 EX CERTIII	TIED MECHANIC ORK ACCOMPLISHES 28/49 SSOCIATED CIVIL
Tem 4 Wind Completed AIRCRAFT FIRE the KIND OF EL MANU AGENCY DESCRIP AERONAL Identii	wing items are to be completed until si loy the installing agency, if EMPT' WEIGHT (Pounds) EMPT' 9222.5 -1 repeire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER APPROVED THE COMPLETE COMP. CPUMMAN AITCRAFT TION OF WORK ACCOMPLISHED IN TICS MANUAL 18. (If more epification mark)	ADDRESS (Street and number through the thr	THECIVIL AIR REGULA	L LOAD (Pounds) 527.5 EX CERTIII I etele) DATE W 11/2 ATIONS AND ITSA perses shoots b	FIED MECHANIC ORK ACCOMPLISHED 28/49 SSOCIATED CIVIL Design sirerels 1 float
TEM the KIND OF KIND O	wing items are to be completed until sill not by the installing agency, if EMPT' WEIGHT (Pounds)* EMPT' 9222.5 repeire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER AMERICAN APPROVED TON OF WORK ACCOMPLISHED IN TICS MANUAL 18. (If more epification mark) emoved regular flossessessessessessessessessessessessesse	ADDRESS (Street and number through the through the through the transfer of the	THE CIVIL AIR REGULAtions and institute of the entire	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA certs shoots b alled fue installat	FIED MECHANIC ORK ACCOMPLISHED 28/49 SSOCIATED CIVIL STATEM STREET 1 float ion.
AIRCRAFT FIER the KIND OF KIN	wing items are to be completed until sill not by the installing agency, if EMPT' WEIGHT (Pounds)* EMPT' 9222.5 repeire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER AMERICAN APPROVED TON OF WORK ACCOMPLISHED IN TICS MANUAL 18. (If more epification mark) emoved regular flossessessessessessessessessessessessesse	ADDRESS (Street and number through the through the through the transfer of the	THE CIVIL AIR REGULAtions and institute of the entire	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA certs shoots b alled fue installat	FIED MECHANIC ORK ACCOMPLISHED 28/49 SSOCIATED CIVIL STATEM STREET 1 float ion.
AGENCY DESCRIPATIONAL AGENCY Long AGENCY DESCRIPATIONAL AGENCY Long AGENCY The AGENCY	wing items are to be completed until all into be completed until all into be completed until all into by the installing agency, if EMPT' WEIGHT (Pounds)* EMPT' 9222.5 -1 repairs end/or alterations of AGENCY WHICH MADE REPAIRS AN FACTURER APPROVED TO STANDARD A	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu eccribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ACCORDANCE WITH PART 18 OF the isneeded, continue on the tanks on wing the piping, pumps and the fire are several entering.	THECIVIL AIR REGULATION of the entire by 37.2 lbs	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA percic sheets b alled fue installat . at arm	SSOCIATED CIVIL sering sirereft float ion.
AIRCRAFT FIER the KIND OF HANU AGENCY DESCRIP AERONAL Identii 1. Re tanks This	wing items are to be completed until sill not be completed until sill not be completed until sill by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER APPROVED TION OF WORK ACCOMPLISHED IN UTICS MANUAL 18. (If wors expressed the weight increased the weight bove weight on item	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu eccribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ACCORDANCE WITH PART 18 OF the isneeded, continue on the tanks on wing the piping, pumps and the fire are several entering.	THECIVIL AIR REGULATION of the entire by 37.2 lbs	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA percic sheets b alled fue installat . at arm	SSOCIATED CIVIL sering sirereft float ion.
AIRCRAFT TER the KIND OF MANU AGENCY DESCRIPA ARRONAL John 11 1. Re tanks This The BI	wing items are to be completed until sill not by the installing agency, if EMPT' WEIGHT (Pounds)* EMPT' 9222.5 repeire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER AMERICAN APPROVED TON OF WORK ACCOMPLISHED IN TICS MANUAL 18. (If more epification mark) emoved regular flossessessessessessessessessessessessesse	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu eccribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ACCORDANCE WITH PART 18 OF the isneeded, continue on the tanks on wing the piping, pumps and the fire are several entering.	THECIVIL AIR REGULATION of the entire by 37.2 lbs	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA percic sheets b alled fue installat . at arm	SSOCIATED CIVIL sering sirereft float ion.
AIRCRAFT TER the KIND OF MANU AGENCY DESCRIPA ARRONAL John 11 1. Re tanks This The BI	wing items are to be completed until sill not be completed until sill not be completed until sill by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER APPROVED TION OF WORK ACCOMPLISHED IN UTICS MANUAL 18. (If wors expressed the weight increased the weight bove weight on item	Applicable. Y CENTER OF GRAVITY (Inches 1.83 Fwd. of datu eccribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ACCORDANCE WITH PART 18 OF the isneeded, continue on the tanks on wing the piping, pumps and the fire are several entering.	THECIVIL AIR REGULATION of the entire by 37.2 lbs	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA percic sheets b alled fue installat . at arm	SSOCIATED CIVIL ork accomplished 28/49 SSOCIATED CIVIL oring sirerals 1 float ion. 243.6. and balance
AGENCY DESCRIPA AGENCY DESCRIPA AGENCY Long AGENCY DESCRIPA AGENCY DESCRIPA AGENCY The AGEN	wing items are to be completed until si by the installing agency, if EMPTY WEIGHT (Founds)* EMPTY EMP	Applicable. Y CENTER OF GRAVITY (Inches 1 .83 Fwd. of datu escribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and number things), L. I ACCORDANCE WITH PART 18 OF sections and continue on real tanks on wing the piping, pumps and tof the airplane on four is the late	THECOVIL AIR REGULA- everse, or steach sep tips and inst the entire by 37.2 lbs est and revis	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA correct shoots b salled fue installat . at arm led wieht	SSOCIATED CIVIL sering sirereft float ion.
AGENCY DESCRIPATED HAND AGENCY DESCRIPATED HAND AGENCY LANCE The all for the	wing items are to be completed until si by the installing agency, if EMPTY WEIGHT (Founds)* EMPTY EMP	Applicable. Y CENTER OF GRAVITY (Inches 1 .83 Fwd. of datu escribed below were made. ID/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and number things), L. I ACCORDANCE WITH PART 18 OF sections and continue on real tanks on wing the piping, pumps and tof the airplane on four is the late	THECOVIL AIR REGULA- everse, or steach sep tips and inst the entire by 37.2 lbs est and revis	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA correct shoots b salled fue installat . at arm led wieht	SSOCIATED CIVIL ork accomplished 28/49 SSOCIATED CIVIL oring sirerals 1 float ion. 243.6. and balance
AGENCY DESCRIPARED AGENCY Long to the transport of transp	wing items are to be completed until sill not be completed until sill not be completed until sill by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER APPROVED TION OF WORK ACCOMPLISHED IN UTICS MANUAL 18. (If wors expressed the weight increased the weight bove weight on item	applicable. y Center of Gravity (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and number than the continue on fact tanks on wing the piping, pumps and tof the airplane on four is the late	THECIVIL AIR REGULATION BY 37.2 lbs	L LOAD (Pounds) 527.5 CC CERTIII ATIONS AND ITSA correte sheets b salled fue installat at arm	ork accomplished 28/49 SSOCIATED CIVIL across of the second size of t
AGENCY DESCRIPATED HAND AGENCY DESCRIPATED HAND AGENCY LANCE The all for the	wing items are to be completed until so by the installing agency, if EMPTY WEIGHT (Pounds) EMPTY 9222.5 -1 repaire end/or alterations of AGENCY WHICH HADE REPAIRS AN FACTURER APPROVED THE APPROVED APPROVED TO MANUAL 18. (If ears epification ears) emoved regular floss finction ears) emoved regular floss increased the weight bove weight on item his airplane. That the above statements are the statements are that the above statements are the stat	applicable. y Center of Gravity (Inches 1.83 Fwd. of datu escribed below were made. D/OR ALTERATIONS (Check) REPAIR STATION NO. ADDRESS (Street and num Bethpage, L.I ACCORDANCE WITH PART 18 OF escioneeded, continue on r at tanks on wing to I piping, pumps and that of the airplane on four is the late	THE CIVIL AIR REGULATION OF STREET OF MY KNOWLEDGE	L LOAD (Pounds) 527.5 CC CERTIII ATIONS AND ITSA correte sheets b alled fue installat . at arm	ork accomplished 28/49 SSOCIATED CIVIL across of the second size of t
AGENCY DESCRIPT AGENCY DESCRIPT AGENNAL Identit 1. Retanks This The all	wing items are to be completed with sing the completed until sing the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 repaire end/or alterations of AGENCY WHICH MADE REPAIRS AN FACTURER MANN (ATTURNER) TION OF WORK ACCOMPLISHED IN UTICS MANUAL 18. (If wore expected on mark) THOS Included all increased the weight on item increased the weight bove weight on item his airplane. THAT THE ABOVE STATEMENTS ARE THE THAT THE THAT THE THAT THE THAT THE ABOVE STATEMENTS ARE THE THAT THE TH	A ETTERANCE CERTIFFE	THE CIVIL AIR REGULATION BEST OF MY KNOWLEDGE E. M. 13763 ATE BUNDER AND RATIF	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA Perete shoets b salled fue installat . at arm led wieht	SSOCIATED CIVIL serind sirereft ion. 243.6.
AGENCY AGENCY DESCRIPA AGENCY AGENCY L. Retanks This The Bifor ti	wing items are to be completed until si by the instelling agency, if EMPTY WEIGHT (Founds)* EMPTY EMP	A & CERTIFFE	THE CIVIL AIR REGULATION OF STREET OF MY KNOWLEDGE E M-13763	L LOAD (Pounds) 527.5 EX CERTIII ATIONS AND ITSA Process shoots b salled fue installat . at arm led wieht	SSOCIATED CIVIL sering eirereft 1 float 100. 243.6. and balance
AGENCY DESCRIPTION AGENCY DESCRIPTION AGENCY DESCRIPTION ALIGNICAL AGENCY DESCRIPTION AGENCY DESCRIPT	wing items are to be completed until so by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or afterations of AGENCY WHICH MADE REPAIRS AN FACTURER AMAMETER Eng. Corp. TION OF WORK ACCOMPLISHED IN ITICS MANUAL 18. (If more epification merk) TION OF WORK ACCOMPLISHED IN ITICS MANUAL 18. (If more epification merk) TO WEIGHT OF WEIGHT ON ITICS MANUAL 18. (If more epification merk) THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT ON ITEM INC. THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT ON ITEM INC. THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT OF THE ABOVE STATEMENTS ARE ALTONOMY AND ALTONOMY WEIGHT OF THE ABOVE STATEMENTS ARE ALTONOMY AND ALTONOMY ARE ALTONOMY AND ALTONOMY ARE ALTONOMY AND ALTONOMY AND ALTONOMY ARE ALTONOMY AND	A ETTERANCE CERTIFFE	THECIVIL AIR REGULATION OF STREET AND THE ONLY STREET AND THE STRE	L LOAD (Pounds) 527.5 EXI CERTIII ATIONS AND ITSA correct sheets b salled fue installat . at arm led wieht	SSOCIATED CIVIL sering eirereft 1 float 100. 243.6. and balance
AIRCRAFT FIEZ the AIRCRAFT FIEZ the AIRCRAFT FIEZ the AIRCRAFT AIRCRAFT AIRCRAFT AIRCRAFT AGENCY DESCRIPP AERONAL Identil 1. Re tanks This The al for the CERTIFY APPRO REJECT	wing items are to be completed until so by the installing agency, if EMPTY WEIGHT (Pounds)* EMPTY 9222.5 -1 repaire end/or afterations of AGENCY WHICH MADE REPAIRS AN FACTURER AMAMETER Eng. Corp. TION OF WORK ACCOMPLISHED IN ITICS MANUAL 18. (If more epification merk) TION OF WORK ACCOMPLISHED IN ITICS MANUAL 18. (If more epification merk) TO WEIGHT OF WEIGHT ON ITICS MANUAL 18. (If more epification merk) THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT ON ITEM INC. THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT ON ITEM INC. THAT THE ABOVE STATEMENTS ARE ALTONOMY WEIGHT OF THE ABOVE STATEMENTS ARE ALTONOMY AND ALTONOMY WEIGHT OF THE ABOVE STATEMENTS ARE ALTONOMY AND ALTONOMY ARE ALTONOMY AND ALTONOMY ARE ALTONOMY AND ALTONOMY AND ALTONOMY ARE ALTONOMY AND	ACCORDANCE WITH PART 18 OF STANDARD STA	THE CIVIL AIR REGULATION OF STREET OF MY KNOWLEDGE EM 13763 ATE BURBER AND RATIF PRESENTATIVES WINGER WIN	L LOAD (Pounds) 527.5 EXI CERTIII ATIONS AND ITSA persic sheets b salled fue installat . at arm led wieht	SSOCIATED CIVIL sering eirereft 1 float 100. 243.6. and balance

FAA AIRCRAFT REGISTRY //-3-83

IIOLOHHISVA SMCONTINA SM, 1992 S SI OSI SMCONTONE SMCONTONE

	DEPARTMENT OF COMMERCE AERONAUTICS ADMINISTRATION	B IT BUREAU NO. 41-R041.2 APPROVAL EXPIRES FEBRUARY 15, 1947
APPLICATION FOR AIRMORTHINESS (ANNUAL INSPECTION OF AN		INSTRUCTIONS Please submit this form to the Civil Aero- nautics Administration Projet Representative.
	ENT1F1CAT1ON	nautics Administration Fig. Representative.
ANNUAL INSPECTION	HC NX NR OTH	IER (Spec1fy)
MAKE Grumman	AIRCRAFT HODEL	0-73 APR 2-310
REGISTRATION NO. HANUFACTURER'S J	SERIAL NO. DATE MANUFAC	1-21-47
	ENGINE	
MAKE Pratt & Whitney	MODEL	S3H1 RATED H.P. 600
TO NEW USED OVERHAULED	IAULED, STATE BY WHOM	DATE OF OVERHAUL
(Check which) AIRCRAFT NOW REGISTERED		APPLICATION FOR REGISTRATION AND BILL OF SALE FORMS ACA-501 AND 5021 ATTACHED
Gar Wood	Gray Hav	DDRESS (Street and No., City, Zone, State) ren, Drive, Detroit 15, Michigan
ATTACHMENTS (Check which)	I CERTIFY THAT THE ABOVE	
X ACA-319 WEIGHT AND BALANCE REPOI	u.	M. Vandenberg
ACA-805 DATA, DRAWINGS, ETC.		OWNER OR AUTHORIZED AGENT
ACA-317UNAPPROVED DEVIATION DAT	March 29, 1949	Agent
FORM ACA-3058 (FORMERLY ACA-307)	AIRCRAFT INSPECTION I	REPORT
(To be completed by a CAA IT HAS BEEN DETERMINED THAT THE AIRCRAFT	inspector or a designated	inspector or representative)
CHAP. XVIII	AIRCRAFT SPECIFICATION	NO. EFFECTIVE NOTES
783 A 783-6	complied	AD's 783 thru 49-13
OTHER (Deecribe)	EXCEPTIONS	, IF ANY (If additional space is required, use
FORM ACA-319 APPROVED BY (Return to M. Vandenberg	месн. септ 13317	A & E March 29, 1949
FORM ACA-1362 CERTIFICATE VALID TO (
AIRCRAFT AIRWORTHINESS CERTIFICATE	WITH OPERATION LIMITATIONS FO	DRW (ATTACHED) WAS ISSUED
	FINDINGS)	ALL ALL
DESIGNEE'S SIGNATURE H. Bradi		DATE March 29,49
UNAIRWORTHY CAA INSPECTOR'S SIGNAT		ACENSERTED DATE
REASON FOR DISAPPROVAL, OR REMARKS (Indica	te if you have used the rate	rec o continue this or other item Yes XNO)
		<u>.</u>
		\mathcal{J},\mathcal{J}'
		Wally,
		TATA
		01221NM
21666	والمستحدد	The state of the s

Ph' M9 CO S OS TAM

S-HOOR JIAM

S-HOOR JIAM

HOTOHINGTON

	2073	, NOV ₂ 3	RECO			Hlk	See .
FORM ACA- (11-7-46)			RTMENT OF COMMERS			T BUREAU NO. EXPIRES DECI	\$1-R082.1 MBER \$1, 1948
REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS)							
OI AR A	FIONS - This form must be fircraft, propeller, engine,	or instrument	, as follows:			100	
(B) F	or an Aircraft - Complete i or a Component Installed in 5, and 6, and submit as d	en Aircraft - escribed in (A	Complete items) above.	1, 2, 3(b, c	, or d, wh	ichever is a	pplicable),
a	or a Spare Component - Comp proval. When approved, re ircraft. At that time, item rward forms as described in	is 1, 2, and 4 (A) above.	must be complet	ed by the i	nstalling	CAA represe ntil install agency, whic	ntative for ation on an h will then
1. AIRCRAFT	Gr dimilan	MODI	G-73	SERIAL N	J-14	CAA IDENT	FIFICATION MARK
2. OWNER	NAME (First; middle, last, Gar Wood	1 1 1 1	RESS (Street end				
			5574 Colli		MISHI	Beacn, F	lorida.
3. FILL IN	INFORMATION IN THIS ITEM OF	ILY FOR THE UN	IT REPAIRED AND/	OR ALTERED			
UNIT	HAKE	F.0	DEL	SERIAL	NO-		WORK (Check)
** AIRCRAFT	X (A:	described in	item 1 above)				y.
PROPELLER b. BLADE OR HUB							
c. ENGINE				Times in the second			
d. INSTRUMENT	TYPE AND MANUFACTURER						
					11 Fig.		
completed	ring items are to be comple il not be completed until by the installing agency,	suca componen if applicable.	f is instricted	ID AD ALFCE	It. At th	is time, it	recomponent, em 4 will be
4. AIRCRAFT	EMPTY WEIGHT (Pounds)* EMP 9185.3 comp	TY CENTER OF	-11.93	from datum)*	USEFUL LO	AD (Pounda)* 54.7	
	repeirs and/or alterations						
MANUF	AGENCY WHICH MADE REPAIRS ACTURER APPROVE	IND/OR ALTERAT D REPAIR STAT		18		Z CERTIFI	ED MECHANIC
	NAME	IADDDESC ((S Street and number	PECIFY			
AGENCY	Grumman Aircraft Engineering C		Bethpage, I		e, and sta		K ACCOMPLISHED
7. DESCRIPT AERONAUT	ION OF WORK ACCOMPLISHED IN ICS MANUAL 18. (If more speaking mark)	ACCORDANCE W	ITH PART 18 OF TI	ECTVIL AIR	REGULATION:		
Reinfo	rced land. gear f	airings p	er E.O.119	4,1312.	42.5	lbs.@ S	ta.237.5
Reinfo	rced cowl flaps p	er Ser. E	3ull.#8			lbs.@ S	
Replac	rced cowl spinnin ed heater fuel pu	mp with]	arger type	per		lbs.øs	
Instal	led water separat	or & new		wer		lbs.c S	
casting per Serv. Bull. #16 43.1 lbs.@ Sta.445. Aircraft repainted and markings modified as per C.A.R. 43.102							
	HAT THE ABOVE STATEMENTS AR						v /
	Lester K. C.	ton	2083	0-40		Nov. I	7-1948
		CHARIC BE COMPLETE	D BY CAA REPRE		ATING	DAT	
APPROVE			- DI CHE ROPES	HUMBER		DATE,	
REJECTE	· (1151-150	s J Fari	na -	DMIR	1038	Nov. 18	3,1948
FORWARDI ENGINEEI APPROVAL	ED FOR SIGNATURE OF INSPEC	TOR	1. JE	/ - N	EPTED HSPECTED	DATE	101.
21372		umvoei	The same	اع٪ لسنو ح	S	1000.19	1177

	to de La Landa de Caração	eternic et els al l'accessors l'approprie	and the second s	
Take to the second of the seco	ure ville Poistia	0 -310-00 10 Tr 50 194933 13 1 - 000 20 1959 1963 1 11 10		11-101 - Fost 11-7-701
		tie (signification) bulls		
		T Jece ernellere et ave 15	- La come of the state of the s	The second section of the section of
the same and the second second	3.50	** ********* ** **********************	High Franchistal Gallerianes Principles	alves to 🔙
A state of all a claims	.२.७५° छ। स्मृह्य हो त	เลาใหม่ กระหลักหน้า แก้นคือเรีย	နှင့်တွင်နဲ့ မိန်နည်တွင်တွင် မြင်မေးမှန်မှန်နှင့် မေ ကြွေးမြို့နှင့်နှင့်နှိမ်မှန်မှန်မှန် နှိန်မြင်းလုပ်ပော် ပေ ကြွေးနှိန်ရင် မိန်းကြိန်တို့နေမျိုးနှင့် ပြီးရွိ နိုင်ငံျနှင့်	14 14 (\$1) 11 14 14 14 (\$1) (\$1) (\$1)
	yelaylir (1967) Seg II sas		වූවම්මේ විසා වන්නේස්ත්ත්ත්වලට විදි. බලය දැනි වෙසටම විද්යාවේ ප්රතිශ්ණයක් වෙසටමට	Carla de la Carla
er da arriera desa arriera. El federibe despresen de	anaditos ens estas talan Egypti adal dela	andi, addigiča se rezneka slikaci. Redigiopologić povije klada izbila	To the Common of	170
् अत्यक्ति। इन्द्रेश्च द्वाद् व्याक्ति स्था	TATE DATES	omente de la companya del companya de la companya del companya de la companya del companya de la companya de la companya de la companya del companya de la c	1 21 100 12 20 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	301
The first control of the property and the property of the first of the property of the propert		15-5-87-5	CRITIC	Paradia 12
i secol, glorics.		Bee territ existed projects.	ook , deel deeley belief Doo'n ren	- 1 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5
		하는 것으로 가게 얼마나 생물이다		53000 -S
HATGOS GE 400a FEMAN)	GE ENUA SO	MCRA CENTARED STEEL SHEET STORY	GPC DELL'ENGLANT AND TRANSPORT	
SCHOOL SELECTION OF BELLEVILLE	. T. WATEREN	400		1114
		(a-ung 1 lead on Syding		L. KIRGRAFT
				HELLES (1087)
				80 30345 .d
				4 c. Engine
				Transmiss ម
Fig. according to the congress of the congress	Ei jagunga Tapp	เลา เรื่องเลือน เลาะ เลาะ เลาะ เลาะ เลาะ เลาะ เลาะ เลาะ	inteligação es or ora resti vei	vediat est i
is case of a quare congognet; at 12 case of comments of the case of comments.		ob desposes in the sales of a land to a	as lista bereicana og tol i Ni fotore talliggest og ti	i iton a will countered
7.0053		7/1/15/1/14/15/15/15/15/15/15/15/15/15/15/15/15/15/	1770 Common America Yamii 2 18185 Common America	רוב או פספינדן
The state of the s	ermen meneralam ini ndahanakan biraksanya pa	LECTURE OF SECURE WELLS AND SECURE OF SECURE	ecutiva alteration of the	eds 2/27/21 * 5
น์ สู่ 1 วิทย์ สะเรียม ตรูปสามักลิเม พิโต	SI	(******)	GENER WHICH MADE REPAIRS FOR	SO CHIN LE
		まんとう 140 七才 1000		enereta e
		- 10 200 3001E3 1235C04	Crowning Aircraft	
721.11.V			oo galinooniani()).	YOURER (5)
	(15.5)	TO STATE WITH SMARKING	าง ("0) นายหาวายการเกาะสาราชานาย เอาะการเกาะสาราชานายการเกาะสาราชานายการเกาะสาราชานายการเกาะสาราชานายการเกาะสาราชานายการเกาะสาราชานายการเกาะสา	T91P0250 4F
			resemble to the control of the contr	
		್ ಲಮಗಿ, ಮಿತಿದಿ ‼್ನ. ಇಕಾರ್∂ ಇ	er vezit ivos best	orniec.
	* /č	}•dAqE ≎reS, deS s	"Missites Ivos seem	o'mrasa
		ore instructions of	er hocher and be	Polgon -
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	to redroc was a h	.led vater segment	latan i
		garia garia da	led water seperato	
		ld Tedroit weit 5 h Blg - Liber - viet bed Liber Bysiske	Tograndstader i inte	Install
		garia garia da	Tograngetadopro in the	SECTIA
		Car . Line . Vice builthos Continue built of Conton Crass.	iog greed bid in bras describered of in bras describered of	SECTIA
		CAR . LAMA . VIDA POLITARON DESCRIPTOR E. 1 POLITARON DESCRIPTOR E. 1	iog greed bid in bras describered of in bras describered of	SECTIA
		Car . Line . Vice bul Liber Especie Bull of Tissue cars	Tor predictions of the second	seconia i
		Clay of Charles Crains Clay of Charles Crains Charles of Charles Charles Charles of Charles Charles Charles of Charles	Tog great and great of the second sec	Vallace I
		Clay of Charles Crains Clay of Charles Crains Charles of Charles Charles Charles of Charles Charles Charles of Charles	Tor predictions of the second	Vallace I
		CAR LIME VECTOR	Tog great and great of the second sec	Vallace I

FORM ACA-305 DEPARTMENT OF	COMMERCE	BUDORT BUREAU NO. 41-RU41.7		
(3-7-48) CIVIL AERONAUTICS	ADMINISTRACION	APPROVAL EXPIRES PRERUARY 15, 1947		
APPLICATION FOR AIRMORTHINESS CERTIFICATE ANNUAL HISPECTION OF AN AIRCRAFT	AND/OR	INSTRUCTIONS Please submit this form to the Civil Sero- autics Administration Field Representative.		
APPLICATION (Check) CAA IDENTIFICATION AIRWORTHINESS CERTIFICATE				
ANNUAL INSPECTION	☐ NR ☐ OTH	ER (Specify)		
ALCOHOL MANAGEMENT	RCRAFT			
MAKE Grumman Mallard	HODEL	6-73		
REGISTRATION NO. MANUFACTURER'S SERIAL NO. J-14	DATE MANUFAC	1-21-47		
	NGINE			
MAKE Pratt & Whitney	MODEL	83H1 RATED H.P. 650		
(Check whether) IF OVERHAULED, STATE	BY WHOM	DATE OF OVERHAUL		
(Check which) AIRCRAFT HOW REGISTERED WITH THE ADMIN	ISTRATION	APPLICATION FOR REGISTRATION AND BILL OF SALE (FORMS ACA-501 AND 302) ATTACHED		
OWNER'S NAME	PERMANENT A	ODRESS (Street and No., City, Zone, State)		
Gar Wood	Grayhave	n - Keelson Drive, Detroit 15,		
ATTACHMENTS (Check which) CERTIFY	THAT THE ABOVE S	STATEMENTS ARE TRUE		
ACA-319 WEIGHT AND BALANCE REPORT ACA-337 SPECIAL APPROVALS		4 R m		
ACA-805 DATA, DRAWINGS, ETC.		OWER OR AUTHORIZED AGENT		
ACA-317 UNAPPROVED DEVIATION DATA 2-/	2-48	auent		
FORM ACA-3058 (FORMERLY ACA-307) ALROPAET	ATE	TITLE		
(To be completed by a CAA inspector or	T INSPECTION R			
17 HAS BEEN DETERMINED THAT THE AIRCRAFT DESCRIBED IN 30				
LISTING IN INSPECTOR'S HANDBOOK, CHAP. XVIII	estre la secreta de la composición dela composición de la composición dela composición dela composición dela composición de la composición dela composición de la composición dela composi	AIRWORTHINESS DIRECTIVE		
None 783 A-783-1 Comp.	res Lied	HO. EFFECTIVE NOTES Complied ADS- 48-3-4		
OTHER (Describe)	EXCEPTIONS,	If ANY (If additional space is required, use		
	roverse).			
FORM ACA-319 APPROVED BY. (Return to M. Vandenburg		F. AND RATING NO. DATED		
FORM ACA-1362 CERTIFICATE VALID TO (Specify date)	A&B	+>>T1 S-12-4Q		
	-			
AIRCRAFT AIRWORTHINESS CERTIFICATE WITH OPERATION	LIMITATIONS FOR	MM. (ATTACHED) WAS ISSUED		
DESIGNEE'S SIGNATURE AND NO		DATE		
UNAIRWORTHY CAA INSPECTOR'S STRATUSE	20/12222	2-12-48 AEF		
L. L. STREET	be X	ACCEPTED DATE REINSPECTED 2/27-48		
REASON FOR DISAPPROVAL, OR REMARKS (Indicate If you have	used the rovers			
WHEN COORECTED DETUCKS TO		MILLER		
WHEN CORRECTED, RETURN TO AINCHAFT COMPONENTS BRANCH, & Q.	å	RECEIVED O		
The state of the s		MAH_3_1948 (3)		
ρ_{α}	ľ			
	and the state of t	2-300		
[레임 호텔 스탈리 등등 현실 회사기의		N'S'		
		VIOTILE N		

FAA AIRCRAFT REGISTRY CAMERA NO. / NDATE:

				- 2	
		1			
			*		
			i 44 de la 48 de 1911 de 1911. El aporto Diacko de 1911 de 1911 de 1911.		
		Marine Carpelline			
	기계 기가 가는 그리				
					era in liver in layer of
				للماليكيات المالعان الماليات	
				and the rest like	
					t Historia (1920) Companya (1920) Pangangan
	Same and the same of the same				
		را و آزار داده به دو محموم الأرام. د ها و الارام دو الأرام المحموم الأرام المحموم الأرام المحموم المحموم المحموم المحموم المحموم المحموم المحموم			
د بنویاح فیمیون میدسود. بیشما آیا د ما این در داده داده داده					
				1人[[] 安台湾海河流	i sakara i ili ili ili ili ili ili ili ili ili
	jė, nikuriai, mili				
	Total in the control of the control				
عدالا عمراطي أرازا براد أرازا أرازا المساعدين المرازات					Talendar (Maria)
, Et Arrece	Lovini egilləsi -	inuviki) jit v			
					Farateira 6
				res nas dus Hadrida E	tar i escala de ti
$\mathbf{x} = \mathbf{x}$				La Company (Albert)	to Atacher (2) (i
a da de la Artinitation de la Ar				rigion black is self.	
				on the Parish of the Control of the	eli de la composition de la co
		tan isonyaayaa			Türkim seriya remedi. Türkim
		si miseridasiki.	# <u>1</u>	o rozlasta i škloka, kašli. Po politica i kasa izbolica koja.	المحالية المستند فيفارنها الألا
January Salah Salah Salah	is an established ()			- 1 및 동원하다 및 변문당 원칙 	24일 전 기계 기계 전략 시간 기계
			KLIV, EllListen		eroli i
	CARRY CALLERY TO	1.13661998.5			ji si Pangi, pangalir
		aran da seriente de la seriente de La companya de la companya de la companya de la seriente de la seriente de la seriente de la seriente de la se		The second secon	
				لأفح وسنتك المشجوبية	أجنبوذ أنشرك فاستبث
				an an 1884 i 🔸 je koje ir 🧎 Najvejski sastava i	
		ata pengalah te			
		· 望起那一切。 电		r tigger vorgesik	医罗德斯斯氏
			ئى دۇرىق <u>دەرىيە دەرىيادۇر. د</u> ر دايمار ئىردۇرىق <u>دەرىيە</u> ئىستىمىلىنى داردى		
	100 BB 175 BB 1				송별 11.등림생
医小链虫 医海底虫 医前膜乳经成形的	医乳腺性溃疡 医二氏试验检尿 化酚	有多种 的复数 经延迟债务	"女医女性" 化环烷二烯基二烯 医外外上进门 机	"是一点,这种特殊的一定好。""从"这个特殊"	이 일 사람들이 가득 가득 하는 회 교육을 가득하는 것이

Or. HQ ot & 6 1 and 13 months of the 19 of the

DEPARTHENT OF COMMERCE CIVIL AERQHAUTICS AOMH.

	*****					T BUREAU NO.	(1.2052.1
FORM ACA-		CIVIL	DEPARTMENT OF AERONAUTICS	LDM IN IST F	APPROVAL	EXPIRES DECEM	BER 31, 1948
	REPAIR AND ALTER	ATION FORM	(AIRCRAFT,	PROPELL	ERS, ENGINES, INSTI	RUMENTS)	
INSTRUCT	IONS - This form must be reraft, propeller, engine	filled out	is duplicat	each ti Lows:	me a major repair an	d/or alteratio	n is made
01 an a1	rcraft, propeller, engine r an Aircraft - Complete	items 1, 2	, 3a, 4, 5, 6	, and 7 s	and submit to GAA rep	resentative in	mlicable).
(R) Fo	r a Component Installed 1	n an Aller	art - cumpeet				
4	5, and 6, and submit as	deact I led	TH (N) 00-10-1				tative for
(C) Fo	r a Spare Component - GC	mpiete iter	h copies of	his for	n with the component	until installe	tion on an
	proval. When approved, irraft. At that time, i	ems 1, 2,	and 4 must be	complet	ed by the installing	agency, which	0:-
₹10	Create forms as described	AM 647 001	WODEL		SERIAL HO.	CAA IDENT	FICATION MARK
1. AIRCRAFT	MAKE C		G-7	3	J-11.	NC	2954
2. 7111011111	Graman Malla		ADDRESS (St	reet and	number, city, zone,	and state)	
2. OWNER	Gar Wood				- Keelson Drive		5, Mich.
	INFORMATION IN THIS ITEM	ONLY FOR T	HE UNIT REPAI	RED AND/	OR ALTERED		-
		1			1 日本の とことできた。	NATURE DE	ORK (Check)
UNIT '	GE CHARE.		MODEL	A 355	SERIAL NO		MAJOR ALTERATION
200	TARRETT NAME OF		1 1111-111	>	<u> </u>	- ಓಾಡ್ ಗ	les!
A. AIRCRAFT	A) - 3 (4)	a describ	ed in Item 1	above)	R. Hub		X
PROPELLE	No HOD				Model - 23D40-5	1	
BLADE O	こ 既のはらず 一 こうかべん・フェ		li .		Mfg.No 158858		
HUB	Mfg.No 158857	+	41	1.1			
c. ENGINE				<u></u>			
	TY-S AND MANUFACTURER						
d. INSTRUME							
		•					recomponent.
The follo	owing items are to be com	pleted by re	pair or alter	ation ag	ency. However, in the	this time, it	em 4 will be
item 4 W							
1	EMPTY WEIGHT (FORMOR)	EMPTY CENT				LUAD (Political)	40
4. AIRCRAFT	9205	. 1/4	-12.71	inches			23
*APTER the	repairs and/or alterati	ons describ	ed below were	made.			
5. KIND O	F AGENCY WHICH MADE REPAI	RS AND/OR A	AFIEKALIONO (.meck)		CERTIF	IED MECHANIC
. 🗆 MANI	UFACTURER - APP	ROVED REPA	IR STATION NO.		******		
		125	onres (Street	and numb	specify) ber, city, zone, and	tate DATE WO	RK ACCOMPLISHED
	NAMED D W	7	DKE22 (OLIOO)		1 MI RIA	in l	
6. AGENCY	179.11	vicre ,	105/ N.B	AY RA	1. Mari Bu	2-1	2~ <i>T</i> (
J	1 / 11 = 31				SUPPLIED ALC DECULAT	IONS AND ITS AS	SOCIATED CIVIL
I AFRONA	PTION OF WORK ACCOMPLISHE NUTICS MANUAL 18: (If more	D IN ACCOR	DANCE WITH PA	nue on r	everse, or attach seps	rate sheats be	ering aircraft
Identi	fication mark)		a aleada - Da	A+ (v=== -	dates used for	covering of	e . l
	Removed flare	s and br	acker. Pa	and he	plates used for acket, 51 lbs.,	deducted f	rom
1 34 £	flare holes.	weight	OI ILETES	J Joog Bur ou	New Empty Cen	ter of Grav	vity
	empty weight	and adde	o to useru	T TOWN	current specific	ation and	
	determined. Airworthiness	WIT BDDT	TONDIE HOL	002 GG	walted with.	ŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢ	٠, ١
	Airworthiness	Difecti	ves have o	CCH CA	mparon seems	•)
	_		(See C	(rem		100	\mathcal{N}
	()A		(Osea c	ACT)			. V
	17/2			TO THE 2	EST OF MY PHOWIFOCE.		
1 CERTIF	Y THAT THE ABOVE STATEMEN	TS ARE TRUE	AND CORRECT	IU IHE B	EST OF MY KNOWLEDGE.		
i	(1) 200 ·	· 0 i	1237	A 1	1 11027	2-1	2-48
1 /	7.11 /// in	or '		FRTIFICA	TE NUMBER AND SATING	D	ATE
	SIGNATURE OF SUPERVISI	NO MECHANII	•		PRESENTATIVES	-	
			COMPLETED BY	CAN RET	NUMBER	DATE	(
APPR	OVED SIGNATURE OF D	ESTONEE	1/	2	2000	DATE /	2-48
REJE	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	WARPECTOR.	1 Cree my	7)	ACCEPTED	. DATE /	23 30
	ARDED FOR SIGNATURE OF	Non-EU ION	- \ /		REINSPEC	12/	21-48
ENG! APPR	NEERING S	51.500	van		IE KEINSPEC		
21372					حديث في مناه في المحالي	سأح بالأدريس سينت سرين	فالمقفض والمناه استمييي

	mengangan menganyan di sebagai menganyan di sebagai di sebagai di sebagai di sebagai di sebagai di sebagai di s Sebagai di sebagai di s		And the second s	
The state of the s		inua ang jambaso		A tradegler er eiler in
	计分类数 化二氯二烷二氯二	t ingi, abiltaketusi (il. 1996a - Amerikat I.a. 193	ទើល មាន ១៩ ខ្លាំង ម៉ែង ។ ស្ថិត ការអង្គ ខណ្ឌ ម៉ានី ស្រីស្ថិត ។ ស៊ី ម៉ានី	
to the second of		- ساجاداً آلمانتاه ا لسالسان کا		A Committee of the Comm
		eight Correction	ing to the control of the significant in the control of the contro	Transpire Edit Company
า ได้แก่สิทธิ์เทียนติ โดยตัวเขากับสิทธิ์ ที่ - ได้เป็นกับไม่รับคุณ อย่างจังอย่องที่พ		likajā (18. 18. 18. 18. 19.) ir saukši sudaprād — 18. 19.	i projek proliza (e.e. zkume No sa po kolito izationam	માર્કેલ્ડ્રિક્ટ પૂર્વન (હાર્ક ી) કેલ્કિટ કે મુસ્લેફ્ડિક માર્કેલ્ડ ્રિક્ટ કેલ્કિટ કેલ્ડ્રિક્ટ
<u>Item</u>	in the state of th	Weight	And Annual Property	Moment
Original	rongodras eds lists for milletons eds es es best	9,256 lbs.		2,056,962
- 402 (flares)	emingraphic of the second of t	- 51 lbs.	₹455.	• 23,205
Weight Empty (C	orrected)	9,205 lbs.	/ 220.9h	2,033,757 ₀₈₁₆₋₁
	Tannes . vales	n cers \$25 373,360 t		50 5245 TANGE 100
in the second light (inf.	onical constant	Result.	be as	
	631373 \$10		فيحم ومستعمل والمراجع والمراجع المناز أحراء المدارية المراجع والمراجع والمراجع	Taretar in - 117 . E
Weight Empty (C	omputed) Gravity (+ 233.6	5 - 220 Ol.)	9,205 - 12	1bs. 71 inches
Useful Load	The state of the s	over the state that	3,295	
	- jedliji -cjors - tetelij		그 그 집에 그리고 있는 그는 그래요?	el (1.31313)
			788-85 - 10	Figure 1 so skille 1 fg
				3/12/3 -0
			HERTTE-TUREN ENS	3977
				T//2/CMT 2/4 - 4/4
] . 25 - 25 - 25 - 25 - 25 - 25 - 25 - 25	ili gi gafallot jasasi	s goživanažu po obages	id befolgrap od 11 ann v	Vic folloying its
វៀប នេះស្រាច្ចាស់ទេសក្រឡាស់ ស្រុកប្រទៀ ស្រុកប្រទៀវ និសាសក្រទៀប ស្រុកប្រទៀប វិសាសក្រុមប្រ	happy and manager is seen to the more first more and			o jaa Iiiw k maji kai ya hajalomba
Eles (Frends)		99900 Y117ABD ₹0 5379 SSCHOOL (51. S 5-77	- Property of Charles (1985) - Property of Charles (1985)	TS-2041A LOS
Secretaria de la composição de la compos	an area and an experience of the second	ma mandi mbahili mangalah da si Nggara namak malasi kabili adi Mandi mandi mangalah sa	issay eny said is a naima	
i gwrenia ag garafo 💯 👉			uoNorra jeginarea edukingan. Tantan entre Tilligar	
	44813855			Seminario de la companio del companio de la companio della compani
# FEET TOOK MICH. 1149 H. VET	The Court Court on	reaction to expend a second	R M. m.ck	A 1000
1.4-21-6	1 Man - Bill	y /44 / 1206	15211	
003 44. 173038003191 CIVIL	HTT DETERMENT OF THE PROPERTY.	କ୍ରୀ ଅନୁ ମହେ ମଧ୍ୟ ନଥାଚିତ୍ର ବର୍ଷ ଅନୁ ଅନୁ ମହେ ଜଣ ଅନ୍ୟୁଷ୍ଟ ଅନୁ	000 / COOR STERED IN ACC	w 50-kplfstrop33. William drug 2015 reserva
				CL Production
	plates used for d	racket. Factory	d has very I'l bevor	
The Control of State	1997, State (St. 1997) tad. 48900 (State William)	ne war a s pect in Note follow at he	are boles. Teleptor	
	ne turenijal daovinia	Colostan alcaell	e Ila .bominad	9
	o . Naiktho il ea	no meni cun covi	domit and a direct	발표 (교기 등 시간) 경험함. 기계 (기계 기계 기
		(200 68 6)		
A CONTRACTOR OF THE CONTRACTOR	and the second s			was to say the point become for the same of the same o
	- 1830	The state of the s	iko jeo estembilikak syoba Principalika	
1 12 12 1	7 (2X) Mail: (2X)	Dr. O.F.	White weeks	
From the 1 of 10 years to 1 decrease and the second	TANGETT TERRETERS		inaliare deliciterate de la	ENTARDER Company of the Company of the Company Company of the Company of the Comp
1.0	33 6990]	——————————————————————————————————————	The state of the s	Hall Septem William
1222	7. 6.2.		$^{\prime\prime}\gamma$	in the property of the second
	dakabay (1917)			**
				الله المستخدم المراجع المستخدم المستخدم المستخدم المستخدم المستخدم المستخدم المستخدم المستخدم المستخدم المستخد المستخدم المستخدم
	at a second of the second of t			

AEBONAUTICS P & V ODEL S3	II	MAKE GIN	ımman G73		JAN - 1947		J14	121	CAMM	78	
	EN	GINE A	ND AIR	SPEED	LIM R NOT R	ITS I	NOT 7	FRATINA LIMITS)	EEDED		
			INE LIM			1919	FUEL	TRUE I	WEIGHT	H.P.H.	KNOTS
	MINUTES	ALTITUDE		R. P. M.	Н. Р		OCT.	CLIMB		 	
F-OFF	one	SL	36 2	250	600)	91	FLIGHT	12500	220	
E-OFF								GLIDE OR DIVE (Smooth Air Only)	12500	270	
EA LEVEL	\ /	sL To	34 2	2200	55	D	91	FLAPS EXTENDED	12500	125	
SEA LEVEL	IX							CLIMB OR LEVEL FLIGHT	See	chart	in
· ~·TUDE	FROM	5000	32.5	2200	55	0	91	GLIDE OR DIVE (Smarth & Only	the	appro	ved
ALTITUDE	/A							FLAPS EXTENDED	Oper	ation	8
			+-						DATU	NA TO	
LOW IMP,		-						Rear	face	of ma	in
LOW IMP.								Sta.	beam 233.6	et m 5.	II.I
		1					18.5				
HIGH IMP					1						
HIGH IMP											
						T. I. A.		PROP. DEICER		WING DELC	ER .
EILINGS (F		EIGHT	R. P. M.	M'FOLD PRESS.	OCT.		+-			10-40-6	
SEE C	AA A	PPRO	ED .0	PERA!	ING	MA	NUAL	10			
				1	*						
			<u> - 1 </u>	لــــــــــــــــــــــــــــــــــــــ		or taller	fonthere	d. carburetor air	intake on "or	air."	
andı	erd air, an	y engine in	operative,	inoperativ	e propen			d, carburetor sir	LANDING W	EIGHT	
	MAX	IMUM TAK	E-OFF WE	GHT		1.00					7 77
SPIN.	500		12,5		1,543		12,8		12,	UUU	
A A A	be o	raft	to be	NT F	LICH rate Manu	TR d4 e1	n ac for	ordani 0-73 a mpartm	e mi iroraf ent at	all Low	2 - - - - - - - - - - - - - - - - - - -
		4.7					ogiž Vi	2/1	A TATE	5 12 (d. 19)	

ADDITIONAL OPERATIONS AUTHORIZED

equipment of a section of a multiple of the section of the section

The Airworthiness Certificate for this aircraft is based on a tentative approval of the aircraft model and is subject to revision at the time of final approval. In addition, further modification of the aircraft may be required at that time. It will be the owner's responsibility to comply with all pertinant provisions of the final Aircraft Specification and Airworthiness Directive.

			, .	CHEEVE	Ratok, Vibili	ichiana.				
16.50		6773	[500							
	HYXINDA	TAILE-CPT	WEIGH				www.coma.com	PING MUCH		
enge i granan	ಪಾಲ್ ಆನ್ಯಾಕಿಕೊ	pin jakš radg	deal test	unité bin	ស្រួយ ព្រះប្រិស្ស	athered, en	ijun dia sis paje	ro ou vent k		
iana di Pana di	1	150 50	•02[5		10 377	Åyr.				
Teamy te 0.19	/na sat		F4 1 1 22	Kerp La	Firre				re patra	
		กระง	one ce	iruna.	vice very	gaint o	चलकार्यक एउट	- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
(Tree ins)										
INCH WE										
							26	50.50 50.00	• 13.5 A 8 70.57	
				in the second			Fig.	i do la	1543	
his car								12 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a- e	
formations							ELANS.			
		79070 P	9*11	80,00			i (compress of the contract of	23.2		
M ev					i		CLIPS CLIPS	200 0	٠.,	,~ · · ·
io mas		3 T 5	7.	1000	1999	63	DYLE IDEA	12500	125	
		حجود نداد ا					CHURT (*)	1250	370	
7 100	1.72				Leop.	10.22	MIGHT.	SRUC	550	
	 -Jijust	Aratines	ratific	e prim	1 1112	IN		THE SHE	Linene	وأحقيت بتنيما
		13.75	nic su	2150				anesovians	₽.8 36 2	11.0
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	eriti ve	ing fill Taket	egradi. STUET	es for elec O 1911-1912	2 112 C	agair mini aga Day ing			
i de la completa del completa de la completa del completa de la completa del completa de la completa del completa de la completa del compl	* 15 T			11 20 420 12 77 11	77.34			10 1 34		£.,
				4 7, 7					- 1 Th	كاد
		$\{ \cdot \}_c$?Ŀ	ÍMI		37110.	19 · (2)	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		
								200		1.1

DEPARTME	TES OF AI NT OF COM. UTIES ADMINISTRAT	E HOR	,00	rentative CAA DELEG		
CIAIT VENDU	EQUIPM	ENT. No.	energia arteria de la constitución	SPECIAL EQUIPM	ENT WGT.	ARM
NUMBER	NUMBER	NUMBER	NUMBER	TEM (Description)		
E API	ROVED	OPERAT	ING MAN	AL DATED Februar	y 14,	1947
OR CUI	RENT L	IST OF	STANDARI	I AND SPECIAL EQUI	PMRATE	
MPTY V	EIGHT.	EMPTY	6. G., I	MEPARKENDIS COMARAGE		
. W.	Actual	.) 9256	7 / TA	CIVIL AEROHAUTICS 1944		ļ
seful	Load	3244	· .	Allen 5 Q DC 111 317		
.c. G	11.4	12" ro	THEIR O	The same of the same		
		Harry	M. Jone	MAIL ROOM-2		
restor vita.	ing research	CAA Ai	rcraft	Ract#ASHIMESpector		1
			The same			4
EVER VED VE	a Seaton Fold	Estarianiania	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			
		1				
	Hara I Andria	on of Etalves				1
centen syp						
riji ratawa Ni Maratawa Ni	A LANGE FORM	D. DED See Consumption				-
					e -	
postice yea	ว ก สรร์ นาจัติกระ	121 61 3234-3	1/11	/ Carrest more group actions		
reino vole v	TETUVISCO LOSA	D-11.0	Carried and the same of the same	A (Carried Street Street Street St.)		
		3		내가 생활하다면서 하네다.		
		1				
หมายรถต่อง	0 1 70 51 10 F	rian of territ				
rost aver	ray wings tal-	1:4:3	current street of the	The state of the s		
againe an teath Fill 1985						
\$						
, 1 × 1,4		•		A l (1 3) We the late.		
MICATON A	ep apra promo:	THURSE NOWAR				At State
we see and	I per i per i pe	er 1 - 27 Vol 140		BR (Sept 1 Long Ser ventil)		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	-				,	
ree	na elen amer	na nikal, po vri				7 7
				MA THE SHELL SHE SHE TON THE		
100 O TO			c.	G. LIMITS	(6EA)	- /
NORMAL	-17.9	5 to -7	.37 inol	E LIMITS DE RORMAL -17.25 to	-7.37	inches
			17명 프로			
IN LITICHL	na tur urai	เลยชา ดย ชักเพีย		IN FLIGHT		
			, INSI	ECTOR'S SIGNATURE HAPTY M.	Jones	
	2/14	/47		- 7/207711	XI	16-46123-1

EPAIR AND ALTERATION FORM DATED		ALTERATION RECORD
production of the production of the following participation of the first pa	1021	BY (Agency name and number)
OCATION AND BRIEF DESCRIPTION OF REPAIR	1100	transita ii
salah baratan bahasa batah	and f	rant ullul makitan, kitalis bili panja b
	5.1	
EPAIR AND ALTERATION FORM DATED	1.	BY (Agency name and number)
	-	
OCATION AND BRIEF DESCRIPTION OF REPAIR		
그리고 되는 이 사용되어 있습니다.		그를 하는 사람이 하지 않는 그를 모르셨다.
EPAIR AND ALTERATION FORM DATED		BY (Agency name and number)
OCATION AND BRIEF DESCRIPTION OF REPAIR		
		医肋头闭门氏试验检氏环氏畸胎毒症
	- 4	시계하는 하는 마스토로 리스트로 가는 다른
EPAIR AND ALTERATION FORM DATED		BY (Agency name and number)
OCATION AND BRIEF DESCRIPTION OF REPAIR	-	
	40.55	
	100	
EPAIR AND ALTERATION FORM DATED		BY (Agency name and number)
		The contract of the second
CATION AND BRIEF DESCRIPTION OF REPAIR		
		医囊质 医多种多类反射 医重氮量定
	3 A	그림 가는 말 하고 많습니다. 이 살통하셨다.
		보다 이번 지는 사이 호부터 아무대를 다
EPAIR AND ALTERATION FORM DATED		BY (Agency name and number)
CATION AND BRIEF DESCRIPTION OF REPAIR		
		그러나는 그리는 남은 얼마 그릇들은 다달하는데?
		나는 생님 이렇게 하나를 하는데, 그렇다고 했다.
		三刺 化自身计图 医多别静风性脑膜静脉
•		
PAIR AND ALTERATION FORM DATED		BY (Agency name and numbs)
CATION AND BRIEF DESCRIPTION OF BEFAIR		AVEI RETURN POS
The state of the s		Byr Ice 1.5
	11.00	
: : : : : : : : : : : : : : : : : : :		2 8 35 M
PAIR AND ALTERATION FORM DATED		
		BY (Agricy)tiams and number)
CATION AND BRIEF DESCRIPTION OF BEPAIR		CONTRACTOR OF THE PROPERTY OF
医肾炎 化双氯磺基甲酚钠甲酚 化对连起 经正进证 一類		(1915년 - 1921년 - 1922년 11일 (1924년 1924년 - 192
	712, IN	
	NG NG Times	
PPLEMENTAL ISSUED (Date) BY	910, 114 1 mag	

FORM ACA-305	DEPARTMENT OF COMME	RCE STRATION	BUDGET BUREAU NO. 41-R041.2 APPROVAL EXPIRES PEBRUARY 15, 1	947
3-7-461 APPLICATION FOR AIRMORT ANNUAL INSPECTIO	THINESS CERTIFICATE AND/OF Ni of an Aircraft		INSTRUCTIONS Please submit this form to the Civinatics Administration Field Represent	Aero-
PLICATION (Check) AIRWORTHINESS CERTIFICATE ANNUAL INSPECTION	CAA IDENTIFICATION	IR OTH	ER (Specify)	
	AIRCRAF	7		100
GHUMMAN		G7	- 400,000	
Lator Karren	ACTURER'S SERIAL NO. DA	JA JUNAN 31.	NUARY 1947	,
2954	ERGINE		일반한 항상 사고 하는데 <u>한다는 그는 화고, 그</u>	<u> </u>
AKE	- мо	DEL SSE	TT RATED &	eac)
PRATT & WHITNEY			DATE OF OVERHAUL	
Check whether) NEW USED OVERHAULED	IF OVERHAULED, STATE BY WH	1014		OF SALE
Check which)	GISTERED WITH THE ADMINISTRA	TION	APPLICATION FOR REGISTRATION AND BILL (FORMS ACA-501 AND 502) ATTACHED	2.35
WHER'S NAME GAR WOOD		REY HA	ADDRESS (Street and No., City, Zone, Sta AVEN - KEELSON DRIVE IT 15, MICHIGAN	to)
TACHMENTS (Check which) ACA-319 X WEIGHT AND BAL ACA-337 SPECIAL APPROV ACA-805 DATA, DRAWINGS XACA-317 UNAPPROVED DEV	ANCE REPORT ALS , ETC.	(STATEMENTS ARE TRUE STATEMENTS ARE TRUE STATEMENT OR AUTHORIZED AGENT Edwin Love joy	
ACA SOFO COMMENTS ACA	DATE ALDERACT IN	SPECTION	REPORT	
(To be completed	by a CAA inspector or a d	ROVE IS: IN	inspector or representative) CONFORMITY WITH THE FOLLOWING	
			AIRWORTHINESS DIRECTIVE	1.3
ISTING IN INSPECTOR'S HANDBOOK, CHAP. XVIII PAGE NO. T.C. NO.	SERIAL NO. EEFECTIVE NOTES A 783-1		NO. EFFECTIVE NOTES	
<u> </u>		и, о	, IF ANY (If additional space is requir	ed, use
New Aircraft	lenta tive	reverse)	None	
FORM ACA-319 APPROVED BY (Poturn to owner)		MECH. CERT	IF. AND RATING NO. DATED	
FORM ACA-1362 CERTIFICATE				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
- MACHIET NAMORYMANIS/4	HT IF CATE THE OPERATION LIE		FORM (ATTACHED) WAS ISSUED 309A	
	FINDII	100	DATE	
AIREORTHY DESIGNEE'S	Moneo	<u>. </u>		
UNAIRBORTHY GE HEPETY	M. AODES		ACCEPTED DATE REIMSPECTED 2/14/4	7
			d in this Aircraft.	
21666			GPO-Com.	μ, 1 ,

∠/An

FAA AIRCRAFT REGISTRY 11-3-83

MAIL ROOM - 2 WASHINGTON

Wish folding P Hand Co.

Carl For the

th. 11,3 € 6 € 8.11

plain:**li** bai

OEPATHENTOF COMPERCE

"MAL	7	# D	D#
THE PARTY		MЛ.	11

12 PLACE AMPHIBIAN

WEIGHT AND BALANCE REPORT

AND

LOADING CHART

MODEL G-73

SERIAL NO. J-14

CERTIFICATE NO. EC2954

Date: February 14, 1947

Prepared by:

Welliam Flows

William Flato

Checked by:

Joseph F. Conlin

Approved by:

Cheel & Trimbon

ROBERT J. TRILBORN

REPORT NO C73- 14

15-47

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

PAGE 2

MALLAND LOADING CHART

TABLE OF CONTENTS

. : [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	Page
Introduction	3
Trapped Fuel & Oil	4
Sample Loading	5
Airplane Weighing Data - Derivation of Empty Weight	6
Passenger & Cargo Loading Diagram	7
Log - Basic Weight and Index Unit	8
Fuel Loading Chart	
Oil Loading Chart	
Baggage or Cargo Loading Chart	9.
Center of Gravity Limit Chart	10
Equipment Installed when Weighed:	13
Standard Equipment Special Equipment Radio Equipment	12
KBOIO Edinibment	

REPORT NO. G73-14

-15-47

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

3-5000-12-45

O

PAGE 3

MALLARD

LOADING CHART

INTRODUCTION

The Civil Aeronautics Administration requires that a loading chart or device be prepared and made a part of the Weight and Balance Report for each individual airplane. This is done by Grumman for every new airplane and also for any airplanes altered at the factory. When the airplane is altered in the field the Loading Chart must be altered accordingly. A method for keeping a running log of the airplane "Basic Weight and Index" is provided on page 9 where all changes may be entered.

In an attempt to provide a more usable Loading Chart, a tabular type chart has been prepared rather than a graph type. Although this method is not quite as accurate as the coordinate graph, it is satisfactory. With this type chart the operator is able to determine take-off and landing weight, center of gravity location to the nearest-percent of the M.A.C., and ascertain if these C.G. locations fall within the airplane operational limits. These limits are more conservative than the absolute C.G. limits (15% to 26½%) in that they have been brought in to take into account C.G. travel during flight due to fuel and oil consumption and landing gear retraction.

For simplicity, and in order to agree with all the drawings on the airplane, Hull Station "O", which is 250 inches forward of the Main Step and 10 inches forward of the nose of the airplane, has been selected as the zero datum point for preparing the loading chart.

To simplify the method of depicting moments of the airplane, the term "Index Unit" is used. The "Index Unit" for an item is computed by substituting in the following expression:

Index Unit = $\frac{A \times W}{10000}$

where: A = arm to C.G. of item in inches aft of datum (Hull Sta. C)

W = weight of item in pounds.

REPORT NO. G73-14

1-15-47

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

PAA AIRCRAFT REGISTRY 11-3-83

PAGE 4

MALLARD

LOADING CHART

If the engine, oil coolers, oil tank are changed, and the airplane is reweighed before the engine is run, the following weights of residual fuel and oil must be added to obtain the weight empty on page 6. (Add only the ones which apply.)

TRAPPED FUEL & OIL

	Weight	Arm	Moment	Index Unit
Fuel & Cil Trapped In:	Name of the			
- Oil Cooler (10" Dia.) - Oil Tanks - Engines - Propeller Syst.Lines - Oil Lines - Fuel Tanks-3 Pt. Position - Fuel Lines - Carburetor	20.0 4.0 46.3 6.1 7.0 26.0 3.0 1.0	193 212 178 190.6 197 220 215 190	3860 848 8241 1163 1379 5720 645 190	.4 .1 .8 .1 .6 .1
Trapped Fuel & Oil - 3 Point Pos. Additional Fuel Trapped in Tanks in flight (Glide 125 mph flaps and L.G. Down)	113.4 30	194.4 220	22046 6600	2.2
Total Non-Usable Fuel & Oil	143.4	199.8	28646	2.9

The airplane selected as an example includes two three-place divans in the forward cabin and four passenger chairs in the rear cabin arranged as indicated on the plan-view outline of the standard airplane on page 7 of the Loading Chart. The passenger locations are numbered according to type of seat and rows reading from front to rear, e.g. FCL Forward Cabin, forward seat. Page 7 shows standard arrangement but the positions not applicable to this airplane have been blocked out. The Index Unit is calculated by substituting in the Index Unit Formula, using 170# for each passenger and the arm for each individual chair or place as in the case of the divan.

The next step is to determine the index unit for the Basic airplane. Referring to the Basic Loading Calculation on p.7, the Basic Weight is carried forward to the Basic Weight Log on p.8. The "Moment" is then divided by 10,000 and entered under "Index Unit", because

"Index Unit" = $\frac{\text{W} \times \text{A}}{10000}$ and W x A = Moment

REPORT NO. G73-14

1-15-47

123-13M-E-46

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

FAA AIRCRAFT REGISTRY //-3-83

0

0

MALLARD

PAGE 5

LOADING CHART

To clarify the use of the loading chart, the following sample loading will be discussed in detail:

SAMPLE LOADING

	Weight	Index Unit
Basic Weight (Sample Cnly) Plus Items of Useful Load:	9600	209.4
Fuel (180 Gals.) Oil (20 Gals.)	1080 150	23.7 3.2
Passengers: Position FC-1 (1) FC-3 (1)	170 170	.2 . 8 3 . 6
RC-1 (2) RC-2 (2)	340 340	9.4 10.8
Baggage: Compt. I Compt. J	2 0 220	.7 8.8
Take-Off Gross Weight	12090	272.4

The basic weight and index unit is obtained from the Log on p.8. For loading 180 gals. of fuel in the wing tanks, refer to fuel chart on p.9, and follow down the gallon column until 180 is reached, then read across to the right for the weight in the next column and the index unit in the third column. The weight and index unit for the oil and cargo are determined in a similar manner by referring to the appropriate chart on the same page.

The take-off gross weight and index unit is totaled, (The Gross Weight must not exceed the maximum allowable), and by referring to the Center of Gravity Limit Chart (p.10), it is possible to determine the airplane C.G. to the nearest percent of the M.A.C. The index unit will appear on line with the gross weight used only if C.G. is within allowable limits. Since the take-off gross weight for the sample above is 12090 lbs. it is well within the gross weight limitations (p.7). The index unit for this weight is 272.4. Now run your pencil down the "Gross Weight" side of the chart to 12100# which is closest to 12090#. Then follow across to the right until you reach 272.3 which is the nearest index unit, and read vertically upward to find the C.G. In this case the take-off C.G. is at approximately 25% M.A.C. Since the loading condition falls within the loading limits, the loading is satisfactory. If the C.G. should fall outside the maximum indicated loading limits, the loading must be revised by shifting either passengers or cargo, or both, so that these maximum limits are not exceeded.

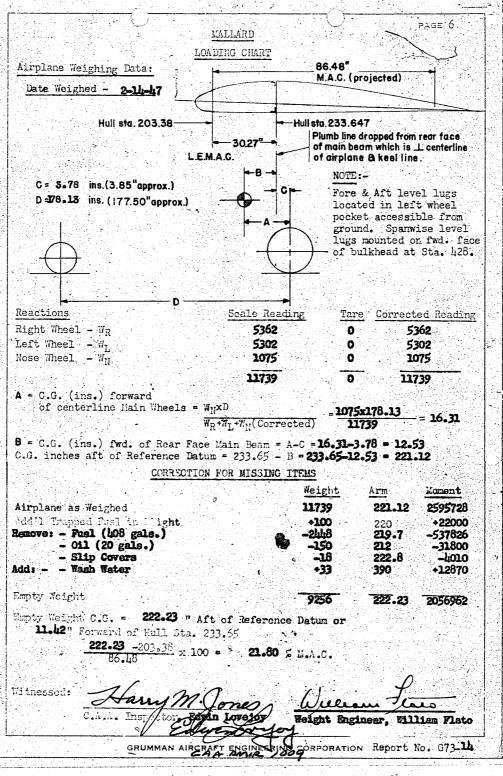
It should be noted that cargo or baggage can be substituted for a passenger at the passenger position at any time.

REPORT NO. G73-14

1-15-47

3103-10M-6-46

GRUMMAN AIRCRAFT ENGINEERING CORPORATION



1-18-47

22-5000-12-45

MALLARD

LOADING CHART

PASSENGER AND CARGO LOADING DIAGRAM

Maximum Allowable Take-Off Gross Weight Maximum Allowable Landing Gross Weight

LOADING CHART DATUM - HULL STATION" 0"

	Passeng	ers at 170	化电压器 医新生物学系统 网络生		COMPT:	ARM	10"
	INDEX	UNITS	ROW		Α	70	
-	I PASS.	2 PASS.			В	125	
	2.I 2.8	5.6	C- FC-	Pe	С	166	
	3.2	6.4	FC-2		(D	188	
	3.6	7.2	FC-3		<u> </u>	211	
					F	250	
	4.7	9.4	# RC-1		G	278	
	5.4	10.8	RC-2	4 1	Н	317	
	6.1		T-I	- 3	1	360	
					J	400	

Basic Loading

The following values apply to this airplane as Licensed:

PAGE 7

4	ine intioning varies upply to mile impaired in index
1	Ttem Weight Arm Moment Unit
١	Item Weight Arm Moment Unit
1	Empty Weight (p.6) 9256 222.23 2056962 205.70
	Empty Weight (p.6) 9256 222.23 2056962 205.70 Pilot 170 125 21250 2.12
	Pilot : 10. 20. 20. 20. 2. 2. 2. 170 : 1. 2. 2. 125 : 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
1	[18 TTT 하는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 다른 사람들은 다른 사람들은 사람들은 다른 사람들은 다른 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은
1	Basic Weight & Index Unit* 9426 220.48 2078212 207.82

* See p.8 for latest Basic Weight & Index Unit.

NOTE: 1. The airplane shall be so loaded that the plot of Gross Weight vs. Index Units falls within the limiting lines on the Center of Gravity Limit Chart on page 10. Basic Weight and Index Units for the empty airplane plus Pilot are given above or on page 8. Index Units for Fuel, Oil, Cargoror Baggage, and Miscellaneous items are obtained from their respective tables, and Index Units for Passengers from diagram above.

2. Before adding, removing, or relocating any items of equipment, contact an Inspector of the Civil Aeronautics Administration. See pages 11 to 13 of this report for items of equipment included in the Weight Empty.

REPORT NO. G73-14

1-15-47 1103-5000-42-45

0

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

A

MALLARD LOADING CHART LOG - BASIC WEIGHT & INDEX UNIT (List all changes made subsequent to weighing) O index Unit Weight 220.h8 207.82 9426 Basic Weight & Index Unit as Weighed at Factory 0 -15-47 GRUMMAN AIRCRAFT ENGINEERING CORPORATION Report No. G73- 14

PAGE ?

LOADING CHART

Fuel (6 Lb./Gal.) (Arm 219.7)

Baggage or Cargo

Ł					
	Gal.	Lbs.	Index Units		
	20 40 60 80 100 120 140 160 200 220 240 260 280 300 320 340 340 360	120 240 360 480 600 720 840 1080 1080 1320 1140 1560 1680 1800 1920 2010 2160 2280	2.6 5.7 10.5 13.8 18.4 1.1 23.7 14.0 3.9 12.4 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 14.1 15.0 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16		

_					Dage	3.10.						١.
$\cdot \Gamma$	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Go:	pru.I	etter	<u>* & & </u>	Inde	<u>c Unii</u>	ts		
I	bs.	Α	В	С	D		F	G	H	I	J	
ſ	30	.2	.l.	•5	.6	.6			1.0	1.1	1.2	
ľ	60	.11	8.	1.0	1.1	1.3	1.5	1.7	1.9	2.2 3.2	2.4	
ŀ	90	.6		1.5	1.7	2.5	2.2	2.5 3.3	2.9.		3.6	
Ī	120	.8	1:5	2.0	2.3	2.5	3.0	3.3	3.8		4.8	ĺ
	150	1.0	1.9	2.5	2.8	3.2	3.8	4.2				
.	180	1.3	2.2	3.0		3.8	4.5	5.0	5.7			1.
۱	210	1.5	2.6	3.5	4.0	4.4	5.2	5.8	6.7	7.6		1
1	240	1.7	3.0	4.0	4.5	5.1	6.0	6.7	7.6			-
1	270	1.9	3.4	4.5	5.1 5.6	5.7	6.8	7.5	8.6		10.8	į.
Ì	300	2.1	3.8	5.0	5.6	6.3	7.5	8.3	9.5	10.8	T5.0	İ
	330	2.3	4.1	5.5	6.2	7.0	8.2	9.2		11.9	2، زيا	1
	360	2.5	4.5	6.0	6.8	7.6	9:0	10.0				4
Ì	390	2.7	4.9	6.5	7.3	8.2		10.8	12.4		15.6	
	1:20	2.9	5.2	7.0	7.9	8.9	10.5	11.7	13.3	15.1	10.0	1
.	450	3.2	5.6	7.5	8.5	9.5	11.2		14.3	16.2	10.0	1
1	480		6.0	8.0	129.0	10.1	12.0			17.3		1
۱.	510		6.4	8.5	9.6	10.8	12.8		16.2		20.4	
1	. 5ho		6.8	9.0			13.5		17.1			إ
1	570		17.1	9.5			14.2		18.1	20.5		ĺ
- 1	600		7.5	10.0			115.0	1		21.6		ĺ
1	630	H	1	10.5		1	115.7			22.7		_
	660	[1	11.0			16.5			23.8		1
1	690		1.	11.5			17.2			24.8		1
	720			12.0		1:	. V			25.9		<u>.</u> ;
۱	750	1	T	T	T	T			23.8			ļ
	780								24.7		1	1
	810	1			1	1	<u> </u>		125.7	'	1	
1	810	#			T			1 1	26.6	?	1.	į
	870		· i			•		1	27.6	5		1
٠,	900		1			_[.	1	<u> </u>	28.5		1	ل
	930		1	 				1 1	29.5		**	
÷,	960			100	. 1				30.L			1
	990		150		.	4		1 .	31.1	1	1_	_
	1.020			+-		1			32.3		1	1
1	1050			1			1		∄33 . 3	3		-
	1080		- -		of the		_լ ։	1			1	ل
	1110		+	1	1	1			134.2	2		1

Oil (7.5 Lb./Gal.)

LEFA CALLOU										
Gal.	Lbs.	Index Units								
5 10 15 20	37 .5 75 112.5 150	.8 1.6 2.1 3.2								

Maximum Fuel-Oil Ratio 25 to 1

50 lbs. per sq. foot except in rear baggage comp't. which is limited to 75 lbs. per sq. foot.

** Floor Loading must not exceed

* See diagram on page 7

Note: Weight of special equipment must be subtracted from the baggage capacity of the compartment in which it is installed.

REPORT NO. 673

-15-47

GRUMMAN AIRCRAFT ENGINEERING CORPORATION

FAA AIRCRAFT REGISTRY 11-3-83

Page 10

MALLARD S
 LOADING CHART
 and the second s

										ì					
	CENTER OF GRAVITY LIMIT CHART														
	Gross				Cent	er of	Gravit	y in Pe	ercent	of M.	A.C.				١.
	Weight	15%	16%	17%	18%	19%	20%	21%	22%	23%	21.3	25%	26%	26.5%	1
ો						/				1-2/-				20.5/5	-
	10000	276.1	217.2	218.1	219-0	219.8	220.7	221.5	222-1	223.3	221, 7	225.0	225 0	226.4	į
	10050	277.1	218.3	219.2	220-0	220.9	221 -8	222.6	223.5	221 1	225.3	226.1	227.0	227 5	١.
	10100	218.5	273	220.3	221 .7	222 0	222 0	223 B	221 6	225 5	226 li	227 3	228 1	228.6	1
	10150	210 6	220.5	227	222.2	222.0	221.0	227.0	225 7	226 6	220.4	228	220.1	220.0	1
1	10200	220 7	221.6	222 1	222.2	227.2	224.0	206 0	226 0	227.7	2010	220.4	227.6	227.01	ļ :
	10250	220 8	222 7	222.4	201.	224.2	226 2	220.0	228 0	228 0	220.0	220 6	230.4	232.0	1
	10300	227.0	223.7	221.6	224.4	225.5	220.2	228 3	220.0	220.0	227 0	230.0	221.5	222.0	Ι.
	10350	223 0	221. 8	224.0	222.5	227 5	227.1	220.2	227.1	230.0	230.9	231.0	232.0	233.1	
	10100	225 0	224.8	205 8	220.0	221.5	220.4	227.3	230.2	231.1	232.0	232.9	0.00	234.3	
	10450	225.0	225.9	220.0	200.0	220.0	229.5	230.4	2201	232.2	1.662	234.0	234.9	235.4	١.
.	10500	220.1	227.0	221.9	220.0	229.1	230.0	231.5	232.4	233.3	234.2	235.1	230.0	236.5	ļ
. [221.2	220.1	229.0	227.7	230.0	231.7	232.0	233.5	234.4	237.3	230.3	237.2	237.7	
	10550	220.2	229.2	230.1	231.0	231.9	232.0	233.1	234.0	235.5	230.5	237.4	238.	238.8	١.
	10600	229.3	230.3	231.2	232.L	233.0	233.9	234.0	235.0	230.7	237.0	238.5	239.4	239.9	ĺ
1	10650	230.4	231.3	232.3	233.2	234.1	235.0	235.9	236.9	237.8	238.7	239.6	240.5	241.0	!
	10700	231.5	232.4	233.3	234.2	235.2	236.1	237.0	238.0	238.9	239.8	240.3	241.7	242.2	١.
-	10750	232.0	233.5	234.4	235.4	230.3	23/1.2	238.2	239.1	240.0	241.0	241.9	242.8	1	
: 1	10800	233.0	234.6	235.5	2,6.5	23/.4	238.3	239.3	240.2	241.1	242.1	243.0	243.9		
	10850	-234.7	235.7	236.6	237.6	238.5	239.4	240.4	241.3	242.2	243.2	244.1	21,5.1		
	10900	235.8	236.8	237.7	238.7	239.6	240.5	241.5	242.4	243.4	244.3	245.3	246.2	4 8	1
1	10950	236.9	237.9	238.8	239.8	240.7	241.6	242.6	243.5	12hh•2	245.4	246.4	247.3		
.	11000	236.0	238.9	239.9	240.8	241.8	242.7	243.7	244.7	245.6	246.6	247.5	248.4		
-	11050	239.1	570.0	241.0	241.9	242.9	243.9	244.8	245.8	246.7	247.7	248.6	249.6		
	11100	240.1	241.1	242.1	243.0	244.0	245.0	245.9	246.9	247.8	248.8	249.8	250.7		
1	11150	241.2	242.2	243.2	244.1	245.1	246.1	247.0	278.0	248.9	249.9	250.9	251.8		
1	11200	242.3	243.3 244.4	244.2	245.2	2ц6,2	247.2	248.1	249.1	250.1	251.0	252.0	253.0		
- [11250	243.4	244.4	245.3	246.3	247.3	258.3	249.2	250.2	251.2	252.2	253.1	1 ـ ن 25		
ij	11300	244.5	245.5	246.4	247.4	248.4	249.4	250.3	251.3	252.3	253.3	254.3	255.2		
į	11350	245.6	246.5	247.5	248.5	249.5	250.5	251.4	252.4	253.4	254.4	255.4	256.4		Ì
- [111100	246.6	247.6	248.6	249.6	250.6	251.6	252.6	253.5	254.5	255.5	256.5	257.5		
. [11450	247.7	248.7	249.7	250.7	251.7	252.7	253.7	254.7	255.6	256.6	257.6	258,6		
1	11500	248.8	249.8	250.8	251.8	252.8	253.8	254.8	255.8	256.8	257.8	258.8	259.7		
ij	11550	249.9	250.9	251.9	252.9	253.9	254.9	255.9	256.9	257.9	258.9	259.9	260.9		
1	11600	251.0	252.0	253.0	254.0	255.0	256.0	257.0	258.0	259.0	260.0	261.0	262.0		
i	11650	252.0	253.1	254.1	255.1	256.1	257.1	258.1	259.1	260.1	261.1	262.1	263.1		1
- 1	11700	253.1	254.1	255,2	256.2	257.2	258.2	259.2	260.2	261.2	262.2	263.3	264.3		
	11750	254.2	255.2	256.2	257.3	258.3	259.3	260.3	261.3	262.3	263.4	264.4	265.4		
i	11800	255.3	256.3	257.3	258.4	259.4	260.4	261.4	262.4	263.5	264.5	265.5	266.5		ŀ.
ાં	11850	256.41	257.4	258.4	259.5	260.5	261.5	262.5	263.6	264.6	265.6	266.6	267.6		1
1	11900	257.5	258.5	259.5	260.6	261.6	262.6	263.6	264.7	265.7	266.7	267.8	268.8		ľ
-[11950	258:5	259.61	260.6	261.6	262.7	263.7	264.7	265.8	266.8	267.8	268.9	269.9		
Ī	12000	259.6	260.7	261.7	262.7	263.8	264.8	265.8	266.9	267.9	269.0	270.0	271:0		
.	12050	260.7	261.8	262.8	263.8	264.9	265.91	267.0	268.0	269.0	270.1	271.1	272.2		
-	12100	261.8	262.8	263.9	264.9	266.0	267.0	268.1	269.1	270.2	271.2	272.3	273.3	1	
1	12150	262.9	263.9	265.0	266.0	267.1	268.1	269.2	270.2	271.3	272.3	273.h	27/11/1		
-	12200	263.9	265.0	266.1	267.1	268.2	269.2	270.3	271.3	272.4	273.5	274.5	275.5		
-	12250	265.0	266.1	267.1	268.2	269.3	270.3	271.1	272.5	273.5	274.6	275.6	276.7		
-	12300	266.1	267.2	268.2	269.3	270.4	271.4	272.5	273.6	274.6	275.7	276.8	277.8	NS	
	12350	267.2	268.3	269.3	270.1	271.5	272.5	273.6	274.7	275.7	276.8	277.9	278.9		.,
1	12400	268.3	268.3 269.4	270.1	271.5	272.6	273.6	274.7	275.3	776.9	277.9	279.0	280.1		
1	12450	269.4	270.4	271.5	272.6	273.7	274.7	275.8	276.9	278.0	279.1	280.1	281.2		
.	12500	270.1	271.5	272.6	273.7	274.8	275.9	276.9	278.0	279.1	280.2	281.3	282.3		
1		• • •			1			-,500	_, _,	/ •				1	ŭ

PAA AIRCRAFT REGISTRY //-3-83

				PAGE	11
		MALIARD			
		LOADER			
ਕ੍ਰਿ		STANDARD E.U.FLEIT			
الظ		(Installed items are marked "X")	120		8
t a	Ptem	[생물 사람들이 가는 사람들이 나는 사람들이 다른 사람들이 되었다. 그 사람들이 나는 사람들이 가는 사람들이 되었다. 그 나는 사람들이 되었다.	Weight		Ind
Installed	No.	The control of the co	Each	Arm	Uni
		<u> </u>			
		Propellers and Propeller Accessories			(1) A
X	1		s		
		6533A-18 to 6533A-20 inclusive. Diameter 8'6-5/16"	۵۲۵	مرد ر	-
		max., 8'4-5/16" min.	252	155 163	3.
X	2	Two Hamilton Standard propeller governors #4K11		رند	
	3.00	Engine and Engine Accessories-Fuel and Cil Systems	27	192	3.4
X	101	Two Eclipse Starters #1416-15 Two Aluminum Oil Coolers(Clifford 10" Dia. x 9" long	27	192	
X	102	#B-36690 with UAP 4 Port Valve #UD4785	18	193	
X	103	Residual Fuel and Oil in Drained System (See page 4)			
		Fuel -	30	218.5	
		0il -	83	185.7	
X	104	Two Elect.Driven Fuel Pumps, Thompson Prod. #TTD10300	7 21	205	
X	105	One Surface Combustion Heater #ADS-100N-P41C	21	. 439	
		Landing Gear			13.
X	201	Two Aluminum Wheel Assemblies-Goodyear 9.50x16	130	237.5	2
X	202	(Incl. Brakes, 6 Ply Nylon Tires and Tubes) One Mose Wheel-Bendix #145308 19x6.80-10 (Incl.	120	د•)(د)	-
I.	202	Fairing, 6 Ply Goodrich Rayon Tire and Tube)	37	60	
		Electrical and Radio Equipment			
x	301	Two Generators-100 Amp.Leece-Neville #2473-G12	32	175.5	1:
X	302	One Battery AN3150 34AH (12-TS-9L)	73	230	1.
X.	303	Two Landing Lights #G-3801-1 Grimes	7 -	220	
X	304	Standard Radio InstalBow Compt.)	93	. 60	
17		-Rear Compt.) See page 13	95 69	1710 7177	3.
			1 69	140	
		Interior Equipment			
		Miscellaneous Cabin Furnishings		1 1 1 2 5	
X		(a) Four Passenger Chairs (Rear Cabin)	35	297	1.
	1	(b) 1,2,3 or 4 Passenger Chairs (Forward Cabin)	35 9 2	188	1.
X		(c) 1 2 Divans (Forward Cabin) (d) One Revolving Table GAEC #111016 (Stowed)	6	425	
X		(e) Two Hand Operated Fire Extinguishers (1 2t.			
		Pyrenė)	7	225	
4 :		Miscellaneous (Not Listed Above)			
X	401	One C.A.A. Approved Operating Manual	1 1	93	
Î	402	The Parachute Flares (3 Minute)	23	1155	1.
X	1,03	One Windshield Wiper Instal. (Kearfott)	- [4	102	
X	404	Two Safety Belt and Harness Assems. NAF1201-1	3.5	125	•
X		One lik. IV Danforth Anchor with 100 ft. 1/2" Nylon	19	60	
X		Rope: One First Aid Kit	3	31.5	
X		Two Engine Log Books and One Airplane Log Book	.5	93.	
X		One Bilge Pump - Perko	9	lıı.	
X		One Boarding Ladder (Stowed)	7	390	•
		[2] 이 네이는 그 사람들이는 소리를 하다면서 없다고 있었다.			
	i de e		REPORT	NO. 07	'3-
				J	

FAA AIRCRAFT REGISTRY //-3-83

	ali e		1	
	J	PA	GE 12	
LOADING CHART	× 1			
SPECIAL EQUIPMENT				
	χ")			
(Installed Items are marked				
O. (Installed items are marked Item No. Item	Weight A		Index Unit	
H No.	Each	<u>- </u>		
		,	2 22	
1 Ea. Automatic Pilot - Sperry Type A-12	150	114	1.71	-
1 Ea. Wing & Tail Beicer Installation	125			
Goodrich 1 Ea. Propeller Anti-icer Installation	986	238	2.05	1
1 Ea. "Ship to Shore" Radio Telephone -	4.5	220	.10	
Avidmeter Corp.	4.0	120	.05	
l Ea. Very Pistol Installation l Ea. Fuel Analyzer Instal Dual Type	13.0	199.4	.26	
1 Fa. ruel analyzer insuar.				
	1			1
		1		4
를 하는 것이 이번 모든 이름이 되는 것을 만했습니다고 있다.				1
Life Preservers	50.0	7.00	2.00	
Collapsible 4 Man Life Raft-MK IV	19.0	405	.77	-
Chest Type Parachutes-SWITLIK Q.B. 1 Ea. Add'l Sensitive Altimeter -	2.0	93	.02	ľ
Instrument Operation Unity	10.8	95	.10	
The Sat of Wheal Brakes for Co-P110t	9.7	107	.10	
1 Ea. Bird Proof Windshield GAEC #107469 (In Lieu of Std.)				
a De Position Light Flasher	2.1	200	.01	4
2 Ea. Tail Light-Model C-Grines - 1 New	57.3	400	•01	
1 White 32CP 20 Ea. Fire Detectors - Engine Compt				.
ALOST Wilcolator	.15	190	-	
Les Salenoid Shut-Off Valves for Fuel &				
Gil Cages General Controls #400044				
1 Ea. Vacuum Syst. Instal. GAEC #109009 in Lieu of #109006	•5	92	-	
Altitude Recording Device - For				
Recording of Altitude & use of Radio				1 14 1
Transmitter 1 Ea. Add:1. Airspeed Indicator-Instrument	1.2	120	.01	
Onevetion Univ	1	198	.04	
Ta. Electrically Heated Pitot ior Add 1	2.2	190		
Airspeed Indicator				
Oxygen Provision for Crew. Operation above 10000 ft. for more than 30 min				
an above 12000 It. 101 any orange				
Oxygen provision for passengers separate from crew. Operation above				
12000 ft.		207	\$02	
o = madhiants toressible to both Pilo	ts 2.0	125	-04	
The Stone Wrasten Seat Belt", "NO DECKL	45			
"Use Oxygen Equipment", operable by either pilot or copilot	2.2		.03	1.
The Fuel Pressure Warning Indicator	1.7		.02 .02	1
1 Ea. Oil Pressure Warning Indicator	2.7	93		-
are and control of the first of the control of the			272 -1	
1-15-47 GRUMMAN AIRCRAFT ENGINEERING CO	and the second of the second	12	- 750 (1/ 4- Tie	

FAA AIRCRAFT REGISTRY //-3-83

	-			- J-2 *		¥	
		- * * * * * * * * * * * * * * * * * * *		-	PΔ	GE 13	
						.02.23	
For the color	.						
. j							
2							. 1.
_		144	MALLARD				
	: 7		LOADING CHART				
	Ü		RADIO INSTALLATION				
	8		(Installed items are marked "X")				
0			어린 살이다. 경송으로 하면 보면 하늘이 먹어. 호망하면			7-3	
	Install	Item		Weight		Index Unit Ea.	
	Ins	No	<u>Item</u>	Each	Arm	UIII U Bas	
			Radio Compass Installation				
	-			37.9	65	-25	
	X	304	MN-26K Receiver and Mount (Bow Comp!t) MN-36C Loop Antenna and Dehydrator	10.2	192	.20	
	X	304 304	NN_37R Rearing Indicator	1.4	96	•01 •08	
	X	304	11N-31C Loop Control Unit (Bow Comp't)	17.6	1所 1段	.01	
	X	304	Sense Antenna (Wire)	• • • • • • • • • • • • • • • • • • • •	144		
	-	100 N	Range Receiver Installation		100		
	v	201.	MN-26K Receiver and Mount (Bow Comp't)	37.9	41	•16	
	X	304	N-54A Loop Antenna	5.8	144	.08	
	X	304	Range Antenna (Wire)	•5	144	.01	
	1		[]				1.
.5			Communications Radio & Interphone				
	X	304	RTA-1B Receiver, Transmitter, Amplifier & Mt.	75.8	414	3.14	1
		San!	(Rear Compartment)	1.5	315	.05	
	X	307	Antenna (Wire)				
		1 1 2	Marker Beacon Installation				
		304	MN-53A Marker Beacon Receiver & Mount (Rear		1		
8.4	X	504	Compartment)	17.0	416	.71	
	X	304	TT Antenna (Wire)	2.5	460	•+•	
	1		Miscellaneous Panels, Cables, Controls, etc.	48.4	132	.64	1 1
	X	304	Miscellaneous Paners, Captes, Contract				
	-	1 .					
		N _i					
			▲ Hora : # # # # # # # # # # # # # # # # # #				
\mathbf{O}							
				- I			
			나 그리 아님들은 강조를 가지고 그녀를 하셨다면데 모든	1.			
う			네트를 보고 가지지 않아 있다는 그리면 함께 되는 것은				
		1					
		2		R	EPORT	NO. G73-11	
3 3 5 40							ا ا
1-15-47			GRUMMAN AIRCRAFT ENGINEERING CORPO	RATION			1.5
3103-10M-6-6	, .		<u> </u>				

Á

PAA AIRCRAFT REGISTRY CAMERA NO. / NDATE: /

Form ACA 317 (Rev. 3-1-41)

UNITED STATES OF AMERICA DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION WASHINGTON

STATEMENT OF CONFORMITY

To the Civil Aeronautics		ERTIMMAN ATRORA	PT RNGINEERING CO
I, having been authoriz	and the second of the second o		FT ENGINEERING CO
certify that the aircraft	GRUMMAN MALLARI	<u>) </u>	G73
J14 , hs	s been manufactured, X		XXXXXXXXX
n conformity with the data	forming the basis for Ty	pe Certificate No. A	-783 Tentative an
revision or modification the			
with the exception of the fo	llowing deviations: NO	NE	
	いと けいり 全部情報		
• /o. / -			
DATE 1/29/47	<u> </u>	Q XX	PL
		senger O rul	Mary
	 I state the state of the state of Transaction 	eorge V. Titte ssistent Chief	rton Engineer
			(Title)

TAA AIRCRAFT REGISTRY //-3-83 per la filter de la company ghighthe areas at bhrach calles and in the install

> and an Epolytic Children with the Michigan Comment

> > NAIL ROOM - S WASHINGTON

Th. 11: 3E 8 5 80 H

CINIT TEHRINTOLICE TOTAL

OBSTBLIEFILD COARDECE

B0231

2 2 %

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020

SWOL

For FAA Use Only Office Identification

Federal Aviation

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

												
		Make Grumman			Model G-73 (Mallard)							
1. Aircraft		Serial No.				Nationality and Registration Mark						
		J-14				N2954						
		Name (As shown o	on registration certificat	e)		Address	(As shown on registr	ation certif	icate)			
2 0		RBR Aircra	ft Inc.			2235	Clark Carr	Loop S	E			
2. Own		identified herei	n complies with the	e ann	licable	Albu	querque, N	м 871	06	ĺ		
			s and is approved									
de	erriheri	alreraft, subject	to conformity insp	ection	3, For FAA Use On	ily						
			Part 43, Section 4									
•	SWO	. 1	02 Rduta	Ka	ltts_							
_	Distri	t Office Date	e Signature of	FAA	Inspector							
					4. Unit Identification	on			5. Type			
U	nit	М	ake		Model		Serial No		Repair	Alteration		
AIRFRA	ME.	(As described in Item 1 above)								х		
POWER	RPLANT											
PROPE	LLER											
		Туре										
APPLIA	NCE	Manufacturer				:						
				6	. Conformity States	nent			<u> </u>			
A. Ager	ncy's Nar	ne and Address			B. Kind of Agency			C. Certifi	icate No.			
· ·		. Poli			X U.S. Certificated	d Mechanic		A&P				
	Juan 1				Foreign Certific]						
Albı	quer	que, NM 871	.23		Certificated Rep							
					Manufacturer							
h	ave been	made in accordanc	alteration made to the e with the requirements orrect to the best of my	of Pa	rt 43 of the U.S. Fed					eto		
Date			· · · · · · · · · · · · · · · · · · ·		Signature of Author	ized Individ	ual					
10-2	28-20	02			Daniel W. 1	2014	anies 9	m.	Poli			
				7. Ap	proval for Return T							
			rsons specified below, to on Administration and i		t identified in item 4 v AN APPROVED		ted in the manner pre REJECTED	escribed by	the			
ву —	FAA Inspe	Fit. Standards ector	Manufacturer	х	Inspection Authoriz	ation	Other (Specify)					
	FAA	Designee	Repair Station		Person Approved b Canada Airworthins		rt					
Date of	Approva	l or Rejection	Certificate or Designation No.		Signature of Author	ized Indivi			\sim			
10-	20-	2007	IA		Daniel W. 1	Poli	anul	M	10/			
	ム る ⁵ Form 33	2002			l	<u> </u>	-Evnel	1	110C:			

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

October 28, 2002 Grumman Mallard G-73 S/N J-14 TTAF: 11,573.4 hrs

- **1. Introduction:** Installed two each Jasco 50 amp alternators and related controllers. These alternators are lighter, more reliable and require less maintenance than generators.
- 2. Description: Removed original generators, reverse current relays and related equipment. Installed two new 50 amp Jasco P/N 7555-1 Alternators, two each P/N J12M24SP Voltage controllers and two each P/N 17-10 Resisters. Wiring was done using existing wiring to generators and to on-off switches in the cockpit overhead panel. New wiring was used from the terminal board on the left side of the cabin to the right side of the cabin center area. This wiring bundle was run along existing bundles in accordance with AC43.13-1A, Chapter 11 Section 7, Paragraphs 11-86, Section 9 Paragraphs 11-115, 11-116, 11-118. An electrical load analysis was performed and found to be within the 80 percent output load of one alternator per AC43.13-1B Chapter 11, Section 3, Paragraph 11-33, 11-36d & 11-37.
- 3. Control, operation information: N/A
- **4. Servicing Information:** Alternators are mounted in same position as removed generators. Voltage controllers and related circuit breakers are installed in right cabin center access panel.
- **5. Maintenance instructions:** Inspect drive couplings on alternators each 250 hours of operation for alignment, wear or deformity. Replacement parts are aviilable from Skytronics Inc. at 310-322-6284.
- **6. Trouble shooting information:** Check condition of wiring and components for any obvious damage. Refer to wiring diargam from Skytronics or call them for more information at 310-322-6284 for detailed troubleshooting of individual components.
- **7. Removal and replacement information:** All components are installed using standard aircraft hardware; if more detailed information is required please refer to the Skytronics Inc. installation manual provided with this product.
- **8. Diagrams:** All components can be inspected by removal of top engine cowls, center right cabin electrical access panel.

Continued on next page

X Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

* * * *,

 Description of Work Accomplished (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
October 28, 2002 Grumman Mallard G-73 S/N J-14 TTAF: 11,573.4 hrs
9. Special inspection requirements: N/A
10. Application of protective treatments: N/A
11. Data: N/A
12. List of special tools: N/A
13. For commuter category aircraft: N/A
14. Recomended overhaul periods: No additional overhaul time limitations.
15. Airworthiness limitation section: No additional airworthiness limitations.
16. Revision: Should revision of this 337 be necessary, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing block 3 and including the following statement: "The attached revised/new Instructions for Continued Airworthiness (dated) for the above aircraft or componant major alteration have been accepted by the FAA, superceding the Instructions for Continued Airworthiness (dated)." Once the revision has been accepted, a maintenance entry will be made, identifying the revision, its location, and date of the Form 337.
Weight & balance and equipment list updated to show these changes.
END
Additional Sheets Are Attached

ELECTRICAL LOAD ANALYSIS

Grumman Mallard G-73

EQUIPMENT:	AMPERES:
CONTINUOUS SYSTEMS: AVIONICS SYSTEM: RADAR AUDIO PANEL ADF TRANSPONDER ENCODER NAV/COM NAV/COM GPS DME	2.4 1.9 .58 1.2 .3 .4 .4 .4
•	TOTAL: 8.38
AIRCRAFT SYSTEM: HEATER ENGINE GAUGES 2 ea TURN & BANK ATTITUDE GYRO GEAR INDICATOR PITOT HEATERS LIGHTING SYSTEM: NAVIGATION STROBES INSTRUMENT NO SMOKING/SEATBE BEACON TOTAL CONTINUOUS:	7.0 .6 1.0 1.0 .4 8.0 TOTAL: 18.0 2.3 3.5 2.8 ELT .3 1.6 TOTAL: 10.5 36.88 AMPERES
INTERMITTENT SYSTEMS:	
LANDING LIGHTS READING LIGHTS	17.8 1.0 TOTAL: 18.8

By: DANIEL W. POLI A&PI

1 1 1 to No transfer to the second seco

WEIGHT AND BALANCE UPDATE

Grumman Mallard G-73

SERIAL # J-14 REG NO. N2954 10-28-02 TTAF: 11,573.4 hrs

AIRCRAFT WEIGHTS FROM 12-07-95

EMPTY WEIGHT:

10.057.0 lb

EMPTY ARM:

222.5 "

EMPTY MOMENT:

2237840.0 "lb

REMOVED EQUIPMENT:

2 ea Generators -76.0 lbs 184.5" -14022 "lbs 2 ea Reverse Current relays -4.0 lbs -860 "lbs 215.0" -14882 "lbs

TOTAL REMOVED EQUIP.: -82.0 lbs

INSTALLED EQUIPMENT:

2 ea Jasco Alternators 26.4 lbs 4871 "lbs 184.5" 2 ea Jasco Regulators 3.0 lbs 361.5" 1085 "lbs TOTAL INSTALLED EQUIP.: 29.4 lbs 5866 "lbs

NEW EMPTY WEIGHTS:

EMPTY WEIGHT:

10004.4 lb

EMPTY ARM:

222.78 "

EMPTY MOMENT:

2228824.0 "lb