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il. Standards	Manufacturer	Inspection Author	Other	(Specify)		·
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Designee	Repair Station	Person Approved I		lk's Interna	tional A	TLTILE
Designed I or Rejection	Repair Station Certificate or Designation No.	Person Approved I Canada Airworthir Signature of Aut	iess Group FVY	A 015T	tional A	
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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.

B. Description of Work Accomplished

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

Installed bilge pump system as follows:

- 1) Fabricate control panel IAW CIA drawing #002 and mounted on first officers sidewall sta. 105.
- 2) Fabricated three pump retaining straps IAW CIA drawing #004 (sheet 3)
- 3) Fabricated pump relaining shelves IAW CIA drawing #004 (sheet 1 and sheet 2)
- 4) Installed RULE 3700 "ignition protected" pumps and RULE "super switch" IAW CIA drawing 4004 series.

Manufacturer of pump and switch:
RULE Industries, Inc.
Cape ANN Industrial Park
Gloucestor, MA 01930

- ·5) Wired system IAW CIA drawing #003 (sheet 1 and 2) following existing wire bundles.
- 6) Installed placarding IAW drawing #005.
- 7) Flight manual supplement dated 6-12-92 has been installed in airframe flight manual.
- 8) Approved check list revision dated 6-15-92 implemented.
- 9) Performed weight and balance revision to reflect added equipment.
- 10) Performed operational check.
- 11) All work done IAW CIA drawing sequence 001 thru 008 and accepted maintenance practices CIA work order #0131.

-END

☐ Additional Sheets Are Atlached

#U.S.GPO:1990-0-588-012/40004

BY

FEDERAL AVIATION ADAINISTRATION

Form Approved Budget Bureau No. 04-R060.1 FOR FA. USE ONLY

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) OFFICE IDENTIFICATION INSTRUCTIONS: Print or type all entries. See F. R 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL 1. AIRCRAFT SERIAL NO. G-73T NATIONALITY AND REGISTRATION MARK J-44 N1208 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 2. OWNER 1100 Lee Wagner Blvd. Flying Boat Lauderdale, FL 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT MAKE SERIAL NO. ALTER REPAIR ATION AIRFRAME (As described in item 1 above) *** X POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. Peter Barry U.S. CERTIFICATED MECHANIC FOREIGN CERTIFICATED MECHANIC 11411 NW 37 Place &P 159-46-6523 CERTIFICATED REPAIR STATION Sunrise, FL 33323 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 2 gulations and that the information furnished herein is true and correct to the best of my knowledge. OF AUTHORIZED INDIVIDUAL December 07, 1992 Director of Maintenance 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 XX APPROVED REJECTED FAA FLT. STANDARDS MANUFACTERFE OTHER (Specify) INSPECTION AUTHORIZATION CANADIAN DEPARTMENT 135 Air Carrier FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR FVYA 015T OF AIRCRAFT DATE OF APPROVAL OR REJECTION CERTIFICATE OR DESIGNATION NO. SIGNATURE OF AUTHORIZED INDIVIDUAL December 07. 146-52-1392 Chief Inspector FAA Form 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.

Incorporated STC SA323450 installation of Lexan replacement windshield and cockpit windows in accordance with Jetaire Service, Inc. drawing number JSD-D-085, no revision, dated July 25, 1992 or later FAA approved revision. Negligable change to weight and balance.

ADDITIONAL SHEETS ARE ATTACHED

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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.

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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION Perm Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) 50 I 7 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. HODE Grimman SERIAL NO. 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK N1208 ADDRESS (As shown on registration certificate) NAME (As shown on registration certificate) 1100 Lee Wagner Blvd. 2. OWNER Fr. Lauderdale, FL Flying Boat, Inc. 3. FOR FAA USE ONLY 4. UNIT, IDENTIFICATION 5. TYPE SERIAL NO. UNIT ATION AIRFRAME ·Χ **POWERPLANT** PROPELLER APPLIANCE CONFORMUT TEMENT C. CERTIFICATE NO. A. AGENCY'S NAME AND ADDRESS KIND OF AGENCY ATED MECHANIC Peter Barry 11411 NW 37 Place RTIFICATED MECHANIC P 159-46-6523 CERTIFICATED REPAIR STATION Sunrise, FL 33323 MANUFACTURER D. I certify that the repair and/or alteration made to the unit(s) identified in tem 4 about attachments hereto have been made in accordance with the requirements of Part 43 of the and that the information furnished herein is true and correct to the best of my knowled ed on the reverse or Aviation Regulations AUTHORIZED INDIV DATE December 07, 1992 of Maintenance 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 XX APPROVED REJECTED FAA FLT, STANDAROS INSPECTOR MANUFACTURES INSPECTION AUTHORIZATION 135 Air Carrier CANADIAN DEPARTMENT FVYA 015T MEPAIR STATION SIGNATURE OF AUTHORIZED INDIVIDUAL DATE OF APPROVAL OR CERTIFICATE OR DESIGNATION NO. 46-52-1392 December 07. (8320) FAA Form 337 (7-47)

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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.) ed STC SA323450 installation of Lexan replacement windshield it windows in accordance with Jetaire Service, Inc. drawing D-D-085, no revision, dated July 25, 1992 or later FAA approved Negligable change to weight and balance. ALL AND THE REPORT THE SANCE OF Actific partification THOUGH ! Cranticate OF THE THE PARTY OF T

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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regularities have been in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regularities have and correct to the best of my knowledge. Signature of Authorized Individual Date

Director of Maintenand

December 07, 1992

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 Fit. Stan Repair Station FAA Designee

135 Air Carrier FVYA 015T

Date of Approval or Rejection December 7, 1992 146-52-1392

Chief Inspector

FAA Form 237 (1248)

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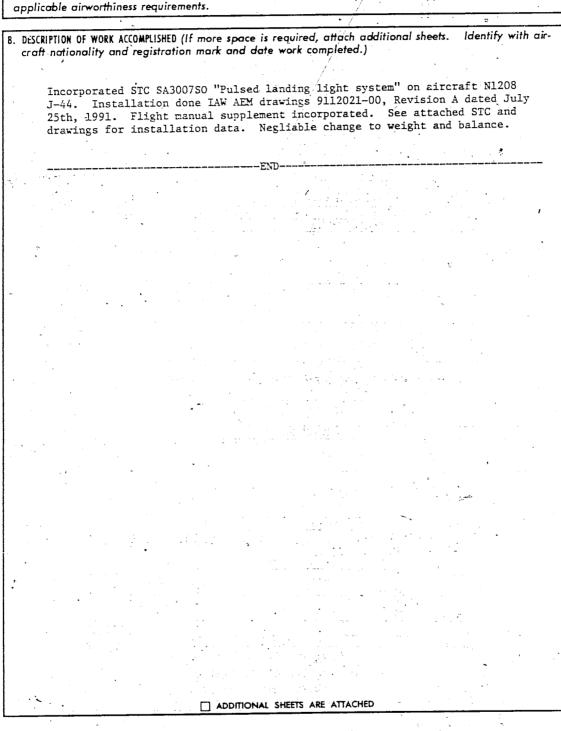
FAMERA CRAF 2 RECASTRY 1-23 CAMERA NO. | DATE Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements. Description of work Accomplished
(If more space is required, attach additional sheets, Identify with aircraft nationality and registration mark and date, work completed.) 8. Description of Work Accomplished Incorporated STC SA 332350 deactivation of the selected one ordence with Jetaire Service, EO JS-2891 from a selected of EU of EU of the system was done in accordance with the system was done with the system was done with the system was done with the sy and the equipment list was revised. 11 THE STATE OF THE S

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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.



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I. AIRCRAFT	SERIAL NO.					MAHONALII	N12			****	
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o ounien	NAME (As shown on	registration certific	.U. 47			1100 Lee	Wagene	er B.	Lvd.	4	
2. OWNER	Flyir	ng Boat, Inc.				Ft. Laude	erdale,	, FL	33315		
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FAA Form	1 337 (7-67)	cau	: 1371 0	410	_ATE						

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.)

Incorporated STC SA313150 Fairchild Cockpit Voice Recorder in accordance with AEM Service drawing number 9113422-00. Initial release dated August 2, 1991 on aircraft N1208, J-44. Flight manual supplement incorporated. Aircraft weight and balance revised, equipment list revised and were entered into aircraft records. See below for weight and balance change.

ITEM	WEIGHT	ARM	MOMENT
A/C as weighed Oct. 31, 1989	8654	227.92	1972419.6
ADD Cockpit Voice Recorder & Bracket	27	428	11556.0
ADD Impact Switch	1.0	250	250.0
ADD Area Microphone	.2	108	21.6
ADD Amp	.7	53	37.1
ADD Control Head C.V.R.	.5	108	54.0
Totals	8683.4 _	228.52	1984338.3
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ADDITIONAL SHEETS ARE ATTACHED

Form Approved Budget Bureau No. 04-R060.1 FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION FOR FAA USE ONLY (Airframe, Powerplant, Propeller, er Appliance) OFFICE IDENTIFICATION INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision therex) for instructions and disposition of this form. 33 001871-01A MODEL GRUMMAN 1. AIRCRAFT G-73 MALLARD (TURBO) SERIAL NO. NATIONALITY AND REGISTRATION MARK J-44 N-1208 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 1550 S.W. 43rd STREET FT. LAUDERDALE, FLORIDA 53315 2. OWNER CIALL'S INTERNATIONAL AIRLINE, INC. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION UNIT 5. TYPI SERIAL NO. A TER-A ION AIRFRAME XXXX7647 POWERPLANT PROPELLER Y: 118 TYPE APPLIÁNCE MANUFACTURER CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. CHALK'S INTERNATIONAL AIRLINE, INC U.S. CERTIFICATED MECHANIC 1550 S.W. 43rd STREET FT. LAUDERDALE, FLORIDA 33315 FOREIGN CERTIFICATED MECHANIC XX CERTIFICATED REPAIR STATION 705-135 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. SIGNATURE OF ARTHORIZED INDIVIDUAL SEPTEMBER 29, 1987 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 XAPPROVED REJECTED MANUFACTURER OTHER (Specify) INSPECTION AUTHORIZATION CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR FAA DESIGNEE REPAIR STATION DATE OF APPROVAL OR REJECTION OF AIRCRAF CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL

FAA Form 337 (7-67)

DESIGNATION NO. 705-135

(8320)

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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.)
On September 29, 1987, the following alteration was completed on N1208
S/N J-44 Grumman G-73 Mallard, in accordance with Chalk's International
Airline's Avionic Change Document Number 7300, and A.C. 43.13-1a, Chpt.
15, and A.C. 43.13-2a Chpt. 2 & 11, and RCA IB8023100 Installation Manual.
1) Installed RCA/Sperry 'Weather Scout' Digital Radar System (TSO C63b).
2) A Chalk's International Airline, Inc. Annual Radar Inspection was
performed.
was revised as follows:
OLD CHANGE NEW
Weight: 8401.5 +12.8 8414.3
Arm 224.2634 223.92
4) The aircraft's equipment was revised to reflect this change.
5) The alteration was previously accomplished on aircraft Grumman Mallard
S/N J-27 N-2969 and approved on Form 337 dated 26 February 1987.
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□ ADDITIONAL SHEETS ARE ATTACHED

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

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY

INSTRUC	TIONS: Print or	type all entries. See	ppeller, or Applia FAR 43.9, FAR 43 App	ince j	<u> [5</u>	FSAO-	2	p
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•	MAKE			MODEL				<u> </u>
1. AIRCRAFT	GRUMMA	<u>N</u>	·	G-73 M	ALLARD ('	III IDBOI		
	SERIAL NO.			NATIONALI	Y AND REG	ISTRATION A	AAPK	
	J-44			N-1208				
0 0111155	NAME (As show	n on registration certific	rate)	ADDRESS (A	s shown on re	gistration cert	:C1-1	
2. OWNER	CHALK'S	INTERNATIONAL		837 CT	ארידיים איזי ארידיים איזי	VAL BUILD	mcore)	
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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.)
 - 1. Removed existing; Vacuum Gyro Horizon, Vacuum Directional Gyro, Suction Guage and associated plumbing from (and capped off) Suction Regulator.
 - Fabricated and installed wiring harness in accordance with Chalk's drawing # 731184.
 - 3. Installed and connected; TSO C4c Electric Artificial Horizon and TSO C5c Electric Directional Gyro in their respective positions.
 - 4. Installed, connected, and placarded one, guarded, "ALTERNATE GYRO POWER SWITCH" on pilot's lower switch panel.
 - 5. Installed, connected, and placarded two MS26574-3/1, "DG" and "ART. HORIZ." circuit breakers on pilot's distribution panel.
 - 6. Removed SERVICE-AIR lines from engines to firewall shut-off valves and capped all connections. Placarded "inop" and wired shut, guarded "BLEED AIR SHUT-OFF" switches. Remaining airframe vacuum system to be retained for trial period. Removed the words "BLEED AIR" from the "HYD. BOOST/BLEED AIR" circuit breaker placard.
 - 7. Functionally tested installed electric systems.
 - 8. No appreciable change to aircraft Weight and Balance or Electrical Load Analysis with this change. All work performed in accordance with attached drawing No. 731184 and AC 43.13-1A and 2A using sound aeronautical practices.
 - 9. This alteration accomplished JANUARY 24, ,1985 on Grumman G-73 Mallard S/N J-44 N-1208
 - 10. FAA approved AFM supplement dated 28 DEC.1984 is required with this installation.

END

ADDITIONAL SHEETS ARE ATTACHED

בעוסוואם צפע שכ פעו NOTE; MAXIMUM POWER CONSUMPTION OF COMBINED MS 26574-84 CHANGE TO AIRCRAFT LOND MUNLYASIS WITH THIS CHANGE INSTALLATION: 34 NA (I.Z AMPS), NO APPRECIABLE CIPCUIT BREAKER PLACER DED "D.C." M8-6574-3/4 PLACARDED "ART. HORIZ" CIRCUIT BREAKER MSZ6574.2 BATTERY BUS EXISTING DIRECT PANT LITTES & GAURDED MS 25059-1 DPCT SWITCH PLACANDED
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Nov. 1984

DWG. 731184

FLECTRIC GYAO INSTALLATION

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2. OWNER	NAME (As shown on registration certific CHALK'S INTERNATIONAL A	ote) IRLINE	ADDRESS (As show 1550 S.W. 4 FT. LAUDERD	n on registration cert 13rd STREET DALE, FLORIDA	ificate) 33315	
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CHALK'S 1550 S.W	INTERNATIONAL AIRLINE . 43rd STREET ERDALE, FLORIDA 33315	U.S. CERTIFICATE	CATED MECHANIC	C. CE	RTIFICATE	NO.
D. I certify attachmen and that	that the repair and/or alteration mad nts hereto have been made in accordan the information furnished herein is tro	e to the unit(s) identi nce with the requirement we and correct to the be	fied in item 4 abouts of Part 43 of the est of my knowled	ve and described o e U.S. Federal Avia ge.	n the reve tion Regul	rse or lations
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INSPECTION AUTHORIZATION

CANADIAN DEPARTMENT
OF TRANSPORT INSPECTOR
OF AIRCRAFT

FAA Form 337 (7-67)

DATE OF APPROVAL OR REJECTION 06 October, 1986

FAA FLT. STANDARDS INSPECTOR

FAA DESIGNEE

MANUFACTURER

REPAIR STATION

705-135

CERTIFICATE OR DESIGNATION NO.

(8320)

OTHER (Specify)

QF AUTHORIZED INDIVIDUAL

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 :< required, attach additional sheets. Identify with air craft nationality and registration mark and date work completed.)
 - On 06 October, 1986 the following alteration was completed on Grumman G-73 Mallard N-1208 s/n J-44 in accordance with Chalk's International Airline's Avionics Change Document Number 7300, and A.C. 43.13-1a, Chpt. 11 sects. 2 thru 8 and A.C. 43.13-2a. Chpts. 2, 3, & 11.
 - The existing Bendix avionics (Nav/Comm) components were removed with all associated wiring and bracketry.
 - 2.) Dual, IFR capable, Collins "Pro-Line" avionics were installed, with Collins ALT-50 Radio Altimeter. RCA Weather Scout Radar harness only, was installed.
 - All wiring harnesses were fabricated from MIL-C-27500 Type M or MIL-W-16878
 - 4.) Instrument panels were fabricated and engraved with all required TCDS and STC placards, from material meeting FAR 25.853 a., appendix F and in accordance
 - 5.) The original configuration of dual flight instruments were re-installed during this change.
 - 6.) A complete Nav/Comm test including compliance with FAR 91.171 a.2 and 91.172 was done per Chalk's International Firline's inspection program.
- 7.) The aircraft was weighed and new empty weight/Cg with revised equipment lists were entered into the aircraft records.
- The above alteration previously performed on aircraft N-2969 s/n J-27 and paperoved on form 337 dated 29 August, 1986. (Attached)

XXX ADDITIONAL SHEETS ARE ATTACHED

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

DEFARMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY OFFICE IDENTIFICATION

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NOTICE

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- *7.) The aircraft was weighed and new empty weight/Cg with revised equipment lists were entered into the aircraft records.
- 8.) The above alteration previously performed on aircraft N-2969 s/n J-27 and 3 approved on form 337 dated 29 August, 1986. (Attached)

XXX ADDITIONAL SHEETS ARE ATTACHED

THUS, GOVERNMENT PRINTING OFFICE: 1977 771 021/344

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	J-44	•			<u> </u>	N-1208					
	NAME (As shown an registration certificate) ADDRESS (As shown an registration certificate)										
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ADDITIONAL SHEETS ARE ATTACHED

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Report CIA 1-82 4 pages		Warnin	3 System for	G-73 Tu	rbo
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FAA Form 8110-3 (19-70) SUPERSEDES PREVIOUS ECITION

FAA AIRCRAFT REGISTRY CAMERA NO. 3 M DATE: 5-8-85



REPORT NUMBER
CIA 1-82

PAGE 1 OF 4

OATE April 27, 1982

REVISION

PITOT HEAT WARNING SYSTEM FOR G-73 TURBO

INTRODUCTION

The following information pertains to the pitot heat warning system to be installed on Chalk's International 6-73 Turbo Aircraft. Two separate systems provide warning indication to the pilot and co-pilot for their respective pitot systems. An amber warning light illuminates whenever the pitot heater is not turned on or the heater element has failed.

All work is in accordance with AC 43.13-1A, Chapter 11.

All detectors and lights draw less than one amp which is considered negligible.

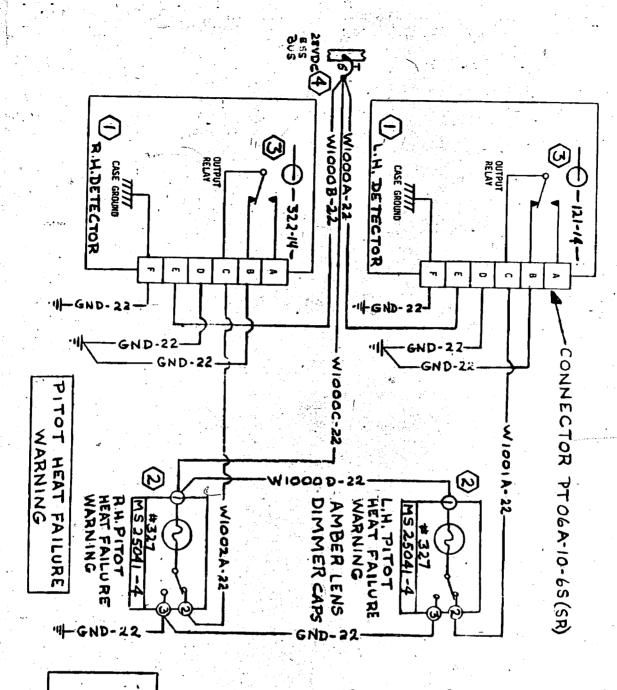
DESCRIPTION OF OPERATION

The detectors are non-contact magnetic sensings units with an integral relay for operating a lamp. The pitot heater feed wire is looped through a hole in the body of the detector. The detector activates the relay above one amp of heater current turning off the amber warning light. The relay applies a ground signal to the amber warning light whenever the pitot heater is not turned on or burned out, i.e., not drawing any current.

The detector units are certified to DO-160.

These units are mounted in the main junction box in the cabin.

FAA AIRCRAFT REGISTRY CAMERA NO. 3 N DATE: 5-8-85 The state of the s .



REPORT NUMBER CIA 1-82 DATE April 27, 1982

(2) LOCATE BELOW LANDING CURRENT DETECTOR S201-800 LOCATE IN MAIN JUNCTION AEROSPACE CONTROLS INC. MANUFACTURED BY AMERICAN BOX. REFER TO FIGURE !

GEAR POSITION INDICATOR REFER TO FIGURE 2,

WIRE NO. 121-14 AND NO. 322-14 CONNECT WICOOA- 22 AND POLARITY. REFERENCE WIRING DIAGRAM FASIZ DETECTOR W1000 B-22 INTO SINGLE MUST PASS THRU HOLE IN HOUSING. NOTE

ALL WORK IN ACCORDANCE RED RING TERMINAL. WITH AC 43.13-1A CHAP.11.

MODIVALENT. ALL WIRE MILW. 5086 OR

CIRCUIT BREAKER MIL-C.5089 OR EQUIVALENT

CHALK'S

DRAWNZ INTERNATIONAL AIRLINE, INC THE DATE OF THE PRINCE DATE

FAA AIRCRAFT REGISTRY CAMERA NO. 3 N DATE: 5-8-85

BREAKER 10 0 Ø PRTECTOR 0 0 DETECTORS SCREWS 10-32 EXISTIZO PLATE BRACKET TO FOUR

FIGURE I

* BLACK LETTERS MADE OF OGS AL

REPORT NUMBER CIA 1-82 PAGE 3 OF 4 DATE April 27, 1982 FAA AIRCRAFT REGISTRY CAMERA NO. 3 M DATE: 5-8-85

WITH &" WHITE LETTERS PITOT HEATER FAILURE PLACARD LANDING GEAR POSITION INDICATOR L PITOT R
HEAT FAIL LIGHTS

REPORT NUMBER CIA 1-82
PAGE 4 OF 4
DATE April 27, 1982

FIGURE II

LIGHT ASSEMBLIES SECURE PLACATO.

MADE OF :020 AL.

FAA AIRCRAFT REGISTRY CAMERA NO. 3 M DATE: 5-885

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1. /	AIRCRAFT	SERIAL NO.						TY AND I	REGISTRATION MA	ARK	
2.	NAME (As shown on registration cartificate) 2. OWNER Antl. Inc. C.O. Chalk's Intnl Airline Watson Island - McArthur Miami, FL 33132								^{Fcote}) Cause	way	
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FAA AIRCRAFT REGISTRY CAMERA NO. 3 N DATE: 5-8-85

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.)

Installed Frakes Aviation Turbo Mallard conversion including Pratt & Whitney PT6A-34 engines. Hartzell HCB 3TN-3D propellers, cowlings, related systems and installed wing float fuel tanks all in accordance with STC SA2323WE, Reference Frakes Aviation master drawing list FA5000, Revision I. Installed Frakes Aviation nose wheel in accordance with STC SA4555 S.W. Installed modified nose baggage door in accordance with STC SA4555 S.W. Installed stainless steel hydraulic plumbing in accordance with Grumman drawing \$109500 Revision E. Installed 17 passenger configuration interfor, emergency exits, and seat tracks in accordance with STC SA4410 SW and installed Frakes Aviation seats and belts in accordance with STC SA 4346SW reference Frakes Aviation master drawing list FA5000 A dated 7-7-81. Refurbished interior carpets side panels headliners and bulkheads. All materials meet F.A.R. 25.853 B. Installed Bendix Bx 2000 duel Nav. Comm. and A.D.F., transponder, D.M.E., related antennas and wiring in accordance with manufacturers instructions and AC43:13-2A chapters 1,2, & 3. Aircraft weight and balance revised.

ADDITIONAL SHEETS ARE ATTACHED

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I. AIRCRAFT	SERIAL NO.		NATIONALITY	G=73 I AND REG	ISTRATION M	ARK	
	NAME (As shown on registration of	erh ficate)	ADDRESS (A.	N1208		-	
2. OWNER	OWNER ANTL., INC. ADDRESS (As shown on registration certificate) Watson Island, MacArt Miami, Florida						'way
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D. I certify the	hat the repair and or afteration is hereto-have been made in according in the contraction furnished begins	made to the unit(s) identi relance with the requiremen time and correct to the h	hed in item 4 ts of Part 43 cost of my know	above and of the U.S.	described on Federal Avian	the reve	Tre or atoms
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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.

- 8g DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
 - 1. Removed keel from Station 93 to 250.
 - 2. Removed original cracked hull bottom skin 245" wide left and right of keel from Station 160 to 250. Replaced removed hull skin with 2024 T3 anodize aluminum of same dimension and rivet spacing.
 - 3. Installed new keel from Station 93 to 250.
 - 4. All work done in accordance with Grumman Structure and Repair Manual Nav. Aer. 01-85V-3 and AC 43.13-1A, Chapter 2, Section 3.

NOTHING FOLLOWS

ADDITIONAL SHEETS ARE ATTACHED

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DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATYO

MAJOR REPAIR AND ALTERATION

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFIED IN (Airframe, Powerplant, Propeller, or Appliance) 7-5-67 INSTRUCTIONS: Print or type all entries. See FAR 45.9, FAR 45 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MAKE MODEL G - 73Grumman 1. AIRCRAFT SERIAL NO. NATIONALITY AND REGISTRATION MARK N1208 J-44 ADDRESS (As show ADDRESS (As shown on registration certificate)
Watson Island, MacArthur C'way NAME (As shown on registration certificate) 2. OWNER INC. Miami, Florida 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION ALTER-UNIT MAKÉ REPAIR ATION AIRFRAME ree (As described in item 1 above) eeeee χ-POWERPLANT PROPELLER APPLIANCE 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS 8. KIND OF AGENCY CERTIFICATE NO. U.S. CERTIFICATED MECHANIC 1897629 Lawrence Johansen FOREIGH CERTIFICATED MECHANIC Antilles Air Boats CESTIFICATED SEPAIR STATION Christiansted, St. Croix 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. DATE SIGNATURE OF AUTHORIZED INDIVIDUAL Lawrence June 3, 1981 7. APPROVAL FOR RETURN TO SERVICE OTHER (Specify) FAA PLT, STANDARDS INSPECTOR :: MANUFACTURER INSPECTION AUTHORIZATION ... CAMADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF ARCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL REJECTION DESIGNATION NO. 6/3/81 1617154

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.

- 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 one (1) Narco Escort Nav/Comm Transceiver Model 110 Station 94, Right side instrument panel, and one (1) Narco MP-16 Voltage Converter Station 50 per Narco Installation Manual

Installation per AC 43-13-2, Chapter 2, Section 27.

See Weight and Balance records and equipment list.

NOTHING FOLLOWS

DEPARTMENT OF TRANSPORTATION

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

FOR Approved
Budget Bureau No. 04-R060
FOR FA.4 USE ONLY
OFFICE IDENTIFICATION
7-5-61

INSTRUCTIONS: Print or type all en ries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision the for instructions and disposition of this fore; MODEL Grumman SERIAL NO. G-73 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK J-44 N1208 NAME (As shown on registration certificate). ADDRESS (As shown on registration certificate) 2: OWNER 141 Watson Island, McArthur C'seway ANTL., INC. Miami, Florida 3. FOR FAA USE ONLY

· .	4,	UNIT IDENTIFICATION	S. TYPE
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PROPELLER			
APPLIANCE	MANUFACTURER SERVICE TO A STOPE	The state of the s	

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS
B. KIND OF AGENCY
C. CERTIFICATE NO
X U.S. CERTIFICATED MECHANIC
Charles R. Freehling
P. O. Box 731
Fredericksted, St. Croix
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulation and that the information furnished herein is attue and correct to the best of my knowledge.

SIGNATURE OF AUTHORIZED INDIVIDUAL

March 16, 1981

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 the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

FAA RT. STANDARDS
INSPECTOR

FAA DESIGNEE

REPAIR STATION

CANADIAN DEPARTMENT
OF TANDARDS

DATE OF APPROVAL OR
REJECTION

3-16-81

CERTIFICATE OR
DESIGNATION NO.

1617154

FAA Form 337 (7-67)

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Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record an alteration must be compatible with all previous afterations 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.)

INCREASE GROSS WEIGHT TO NORMAL 12,750 POUNDS

- 1. To supercede Form 337 dated November 30, 1979, reduction of max mum take-off weight from 12,750 to 12,500 pounds in accordance with STC SA635SO.
- Installed Bendix Fuel Flow which is an engine inline fuel metering system as per FAR 121.307(b).
- 3. Installed Low Fuel Pressure Warning Device as per FAR 121.307 (k

Normal Gross, Model Grumman G-73, 12,750 pounds.

NOTHING FULLOWS

DEPARTMENT OF TRANSPORTATION Form Approved Budget Bureau No. 04-R060,1 FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION FOR FAA USE ONLY (Airframe, Powerplant, Propeller, or Appliance) OFFICE IDENTIFICATION INSTRUCTIONS: Print or type all entries. See FAR 42.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. MODEL Grumman G-73 1 ALRCRAFT SERIAL NO. NATIONALITY AND REGISTRATION MARK J-42 N1208 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) ? OWNER Watson Island, MacArthur C'swa ANTL., INC. Miami, Fla. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE MAKE REPAIR ATION AIRFRAME Х 20WERPLANT PROPELLER draphi busic. + PPLIANCE MANUFACTURER CONFORMUTY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C CERTIFICATE NO. U.S. CERTIFICATED MECHANIC 1897629 Lawrence Johansen FOREIGN CERTIFICATED MECHANIC Antilles Air Boats CERTIFICATED REPAIR STATION Christiansted, St. Croix l 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 March 12, 1981 Saurence 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 22 APPROVED REJECTED

FAA FLI. STANDARDS MANUFACTURER X INSPECTION AUTHORIZATION OTHER (Specify)

FAA DESIGNEE REPAIR STATION CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF ARCRAFT

OF APPROVAL OR CERTIFICATE OR DESIGNATION NO.

3-12-81 1617154

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

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

INSTALLATION FUEL FLOW

- 1. Removed existing fuel line from the engine pump to the carburetor, left and right engines.
- 12. Installed Fuel Flow Transmitters Model 9100-5A-B1A, shockmount panel on the lower right leg, left and right engine mounts.
- Installed new fire sleeve, fuel lines to and from the flow transmitter.
- 4. Installed Fuel Flow Indicator Model 6300-B5A-A in engine instrument panel, range 1b/hr 100-1000.
- 5. Installed Inverter PN 442A-A right cabin "J" box Station 230 with terminal board.
- 6. All work done in accordance with Pioneer-Central Division of Bendix Aviation Corporation Publication 56-86, installation aids Fuel Flow Transmitter type 9100 and AC 43.13-1A, Chapter 11, Section 2 and Sections 3, 5, and 6.

 NOTHING FOLLOWS

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and sheet	hereto have been made in accordance information furnished herein is true	e with the requirements	of Part 43 of the U.	5. Federal Aviatio	n Regula	se or itions
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3-12-81 FAA Form 337 (7-67)

CERTIFICATE OR DESIGNATION NO. 1617154

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

- 8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with a craft nationality and registration mark and date work completed.)
 - 1. Installed 3-place divan Station 339 to Station 373, divan manufactured by Dean Franklin Aviation Enterprises, Inc. as per Aeronautical Engineers Incorporated, Drawing #AE2233 "Three Place Coach Seat Installation in Grumman Mallard G-73" dated 10 December, 1972, and Aeronautical Engineers Incorporated Reper #R-350 "Substantiation Three-Place Coach Seat Installation in Grumman Mallard G-73 Aircraft" dated December 1972. The flood track installed as per Note #6 Drawing #AE2233 and improved using channel under floor as per Aeronautical Engineers Incorporated Drawing FA-3016 Seat Installation Grumman Mallard G-73 Note 9 and Note (AA) Channel. Minor changes to this installation which improve the structural integrity of the installation, are as follows:
 - A. Bolting the Coach Seat to existing bulkhead Station 384 with angle on rear side.
 - B. Installation of channel under floor track attachments.

Statement of Compliance of Aircraft or Aircraft Components with the Federal Aviation Regulations dated 11 December 1972 Designation #SO-195.

- 2. The seat belt attachment is seperate from the above coach seat and is made up from 1/8" aluminum plate backed with two 1½ X 1/8" angle riveted together and bolted with 10/32 AN bolts to aircraft structure at Station 340, 351, 362, 373, and 384.

 Total length is 45-3/8" long.
 - A. The test carried out for the seat belt attachment installation to the aircraft structure as per AC 43.13-2, Chapter 1. Structural Data, Static Test, Figure 1.1 and Part 23.561 General. A load of 1644 pounds was demonstrated on each he installation.

- 3. Item #1 and #2 same installation as N26DF.
- All work done in accordance with approved Aeronautical Engineer Report R-350, Statement of Compliance #50-193 AC 43.13-1A, Chapter 2, Section 3 and AC 43.13-2, Chapter 1.

NOTHING FOLLOWS

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FA'A Form 337 (7-67)

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

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

- B. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
 - Removed Goodyear brake assemblies P/N 9540148 from left and right main gear axles.
 - Modified P/N 69822 (Grumman) axle flange, using mounting template per Parker-Hannifin installation drawing #50-55.
 - Installed Parker-Hannifin conversion kit P/N 199-81, consisting of Cleveland main wheels P/N 40-137, Cleveland brake assemblies P/N 30-103 and mounting bolts, nuts and washer: (and hardware).
 - 4. All work done in accordance with Grumman G-73 Service Minual and Parker-Hannifin S.T.C. #SA412GL dated May 29, 1980.
 - 5. For weight and balance change see equipment list.

 NOTHING FOLLOWS

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1 FOR FAA USE ONLY

MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) 7-5-61 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. MAKE HODE Grumman G-73 NATIONALITY AND REGISTRATION MARK 1. AIRCRAFT SERIAL NO. N1208 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)
Watson Island, MacArthur C'way 1 OWNER ANTL., Inc. Miami, Florida 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION TYPE MAKE 41104 χ PROPELLER AFPLIANCE MANUFACTURES 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C CERTIFICATE NO. X U.S. CERTIFICATED MECHANIC 1897629 Lawrence Johansen POREIGH CERTIFICATED MECHANIC Antilles Air Boats, Inc. Christiansted, St. Croix CERTIFICATED REPAIR STATION MANUFACTURER Di 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 berein is true and correct to the best of my knowledge. SIGNATURE OF AUTHORIZED INDIVIDUAL DATE fransen. January 14, 1981 Lausence 7. APPROVAL FOR RETURN TO SERVICE FAA FLT STANDARDS MGFECTOR OTHER (Specify) X INSPECTION AUTHORIZATION MANAPACTURES CANADIAN DEPARTMENT CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF APPRIENT FAR DESIGNEE REPAIR STATION DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DESIGNATION NO. 1617154 1/14/81

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 effections to assure continued conformity with the applicable airworthiness requirements.

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

LOW FUEL PRESSURE WARNING INSTALLATION

- 1. Installed AN ice fittings in fuel gauge pressure lines in leading edges of left and right wings of Grumman G-73, N1208 at Station 50.5.
- 2. Attached low fuel pressure sensor switches P/N 3135 (Barfield) to nose ribs (left & right) at Station 50.5, as per optional original equipment installations to G-73 aircraft.
- 5. Connected sensor to tee fitting with standard AN plumbing and fittings per manufacturer's recommendations.
- 4. Routed new AWG #16 mil. spec. wires in existing bundles from cockpit to wing leading edges.
- 5. Installed MS25041-6 "press to test" warning lights in instrument panel, wired entire installation according to Grumman G-73 Service Manual Wiring Schematic Sec. 111, Pg. 217, Fig. 152, and in accordance with AC 43-13-1A, Chapter 11, Section 2.

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FAA Form 337 (7-67)

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

INSTALLATION STARTER ENERGIZED LIGHTS

- 1. Installed left and right #16 mil spec wires on cold side of starter sólenoid. Routed from engine "J" box three existing wire bundles to instrument panel.
- 2. Installed left and right yellow caution lights in full view of the pilot. Light type MS 25041-4.
- 3. All work done in accordance with AC 43.13-1A, Chapter 11, Section 2 and 3 and c/w AD 80-13-02 para. (b).

 NOTHING FOLLOWS

PRAFFAGES OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION

Form Approxed
Budget Burian No. 65-76. ...
FOR FAA USF, ONLY

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1. AIRCRAFT	MAKE SERIAL NO.	Frumman J-44			-73	MARK	
2. OWNER	1-	J-44 Town on registration cer L, INC.	tificate)	ADDRESS (A. J. ANTL, INC.	1208 Norm on registration co Chalk's In	rtificate)	tson
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8. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

INSTALLATION FIRE DETECTION SYSTEM

- 1. Installed mil spec 16 AWG wires from cockpit to left and right hand nacelle engine junction box in existing bundles.
- 2. Installed 14 Fenwall spot detectors left and right engines in locations detailed on attached drawing three of which (P/N17343-16) are 750 F activated in high temperature areas, all other (P/N 17343-62) are 450 F activated.
- 3. Wired spot detectors in series one end of circuit connected to power source, through fire warning light installed in instrument panel in compliance with AD 80-13-02, para. (b) and the other lead to ground. The test circuit utilizes all existing system wiring for positive test.
- 4. All work done in accordance with G-73 Maintenance Manual AC 43.13-1A, Chapter 11, Section 2 and 3 and with letter of

acceptable equivalent method AD 80-13-02 para. (f), Keith Blythe, FAA Southern Region.

NOTHING FOLLOWS

___1 Form Approxes Budge Listen क्षांत्रस्थाता व्याप्तस्थात FOR FACE ALL ONES FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Applicate) 7-5-61 INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (of subsequent revision thereof) for instructions and disposition of this form. MODEL G-73 Grumman 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK SERIAL NO. J-44 N1208 ADDRESS (A: shown on registration certificate)
Antl., Inc., Chalk's Intl.
Watson Is. McArthur Cswy. NAME (As shown on registration certificate) 2. OWNER Antl, Inc. 3. FOR FAA USE ONLY Miami, Plorida 33132 4. UNIT IDENTIFICATION 5. TYPE MAKE REPAIR UNIT ATION AIRFRAME Ÿ POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT B. KIND OF AGENCY C. CERTIFICATE NO. A. AGENCY'S NAME AND ADDRESS U.S. CERTIFICATED MECHANIC 1617154 Charles Freehling FOREIGN CERTIFICATED MECHANIC F. O. Box 731
Fredericksted, St. Crcix 00840 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. SIGNATURE OF AUTHORIZED INDIVIDUAL Kulos October 14, 1980

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 XAPPROVED REJECTED

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DEPARTACION DE TRANSPORTATION FEDERAL AVIATION ADMINISTRATIONS

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller, e. Appliance)

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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.

1. AIRCRAFT	MAKE Grumman	MODEL G-73
1. AIRCKAFI	SERIAL NO. J-444	NATIONALITY AND REGISTRATION MARK
2. OWNER	NAME (As shown on registrating certificate) ANTL, INC.	ADDRESS (As shown on registration certificate) ANTL, INC., Chalk's Intl., Watson Island, MacArthur, Cswy, Miami, Fla

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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.

October 14, 1980

SIGNATURE OF AUTHORIZED INDIVIDUAL

7. APPROVAL FOR RETURN TO SERVICE

Pursuant to the authority given persons specified below, the unit identified in item 4 was impected in the manner prescribed by the Administrator of the Federal Aviation Administration and is \ \mathbb{X} APPROVED \ \mathbb{PROVED} REJECTED

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	E OF	10-14-80	certificate or designation no. 1617154	SIGNATURE OF AUTHORIZED INDIVIDUAL Charles unling

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DEPARTMENT OF TRUISECTIATION TEDERAL AVIATION ADMINISTRATION

Form Approved.
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Weight and balance or operation aircraft on changes shall be intered in the appropriate aircraft reconstruction must be comparable with all previous alterations to assure continued conformity with 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.) (1) Left aileron, S/N 181, found installed on Aircraft N1208, inspected and found to be covered in accordance with AC 43.13-1A, Chapter 3, Section 1 and tested fabric per Section 4. Passed NOTHING FOLLOWS_ maule test. The state of the s

ADDITIONAL SHEETS ARE ATTACHED

1-2-2

DEPARTMENT OF TRANSPORTATION Form Approved Budget Bureau No. 04-R066:1 FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION FOR FAA USE ONLY (Airframe, Powerplant, Propeller, or Appliance) OFFICE IDENTIFICATION 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. 7-5-61 MAKE MODEL Grumman 1. AIRCRAFT G-73 SERIAL NO. J-44 NATIONALITY AND REGISTRATION MARK NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)
Watson Island, MacArthur C'way
Miami, Florida 2. OWNER ANTL., INC. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT ALTER-REPAIR ATION AIRFRAME ecococo (As described in item 1 above) XXX POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATED MECHANIC P. J. Landre P.O.Bez 203 Eislosh, Fla., 1912 AE 1313890 FOREIGN CERTIFICATED MECHANIC CERTIFICATED REPAIR STATION MANUFACTURES " 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. DATE SIGNATURE OF AUTHORIZED INDIVIDUAL 003. 7, 1986. # 7.-APPROVAL FOR RETURN TO SERVICE OTHER (Specify) INSPECTION AUTHORIZATION BY CANADIAN DEPARTMEN FAA DESIGNEE REPAIR STATION OF TRANSPOR ORT INSPECTOR DATE OF AFRONAL OR CERTIFICATE OR DESIGNATION NO. SIGNATURE OF AUTHORIZED INDIVIDUAL

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June 16	, 1980 3610	JAMES	W. TURNER	6 1.	\mathcal{J}		
MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) INSTRUCTIONS, Print or type all entries. See PAR 43.9, FAR 43 Appendix B, and AC 43.9–1 (or subsequent for instructions and disposition of this form. AMAKE	10	3201					

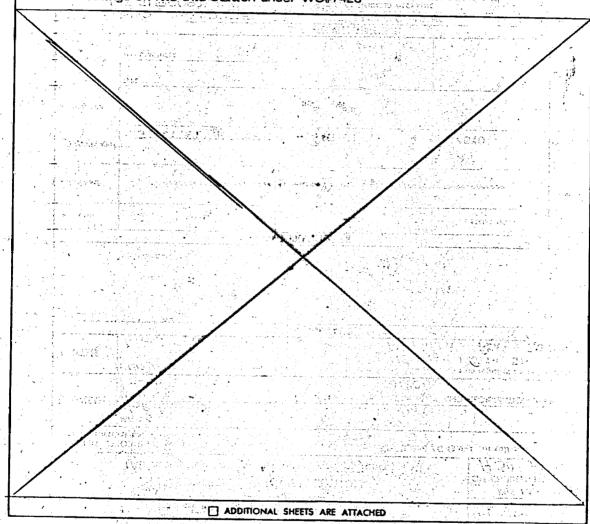
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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.)

Engine received this station for overhaut. Engine given receiving inspection, completely disassembeld and all parts cleaned. All steel parts magnafluxed. All parts inspected in accordance with manufacturer's specifications and replaced where necessary. Engine, magnetos and harness completely overhauled. Test house run of engine satisfactory. Time since overhaul 00:00 hours.

FAA A.D. Note 56-6-2 complied with (cylinder & stud inspection). Service Bulletin 1758-B complied with (flyweights and flyweight liners). Service Bulletin 1658-B previously complied with (converted from ball-plain blower Parts listings on file this station under WO#7423



DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance) Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION
7-5-61

INSTRUCT for instruct	TIONS: Print or type all entries. See	FAR 43.9, FAR 43 App	endix B, and	AC 43.9-1 (o	r subsequent	revision (hereof)
1. AIRCRAFT	MAKE GRUMMAN		MODEL 6	.73			· · •
AIRCRAIT	SERIAL NO.		NATIONAL	TY AND REGIS	STRATION M	ARK	1
2. OWNER	NAME (As shown on registration certif	icate)	ADDRESS (As shown on reg IS N.R. 12	15 TH STRE	ficate)	
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May 1		SIGNATURE OF A			ns W.	Lun	 ·
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	FIT_STANDARDS	INSPECTION AUTHORIZ	~-540 ° ~ 1	OTHER (Specify)			
FAX.	<u> </u>	OF TRANSPORT INSPEC	TOR			om even i u. Storik	
EJECTION	1980 DESIGNATION NO		UTHORIZED		7), Au	<u> </u>
AA Form 3	37 (7=67) \$\times U.S. Government Print	- Off as 1077 777 646 44 44	<u> </u>				3201

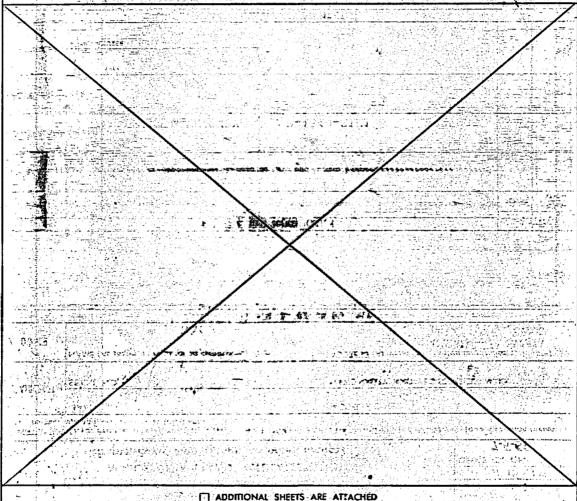
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

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.)

Engine received this station for overhaul. Engine given receiving inspection, completely disassembeld and all parts cleaned. All steel parts magnafluxed. All parts inspected in accordance with manufacturer's specifications and replaced where necessary. Eng magnetos and harness completely overhauled. Test house run of Engine, engine satisfactory. Time since overhaul 00:00 hours.

FAA A.D. Note 56-6-2 complied with (Cylinder & Stud Inspection).
Service Bulletin 1758-B complied with (Fly weights & fly weight liners)
Service Bulletin 1658-B previously complied with (converted from ballplain blower).

Parts listings on file this station under WO#7347



DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R050.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

INSTRUCT	TIONS: Print o	or type all entries. See FAR 43.9, FAR 43 App	pendix B, and AC 43.9-1 (or subsequent revision the	ereof)
I. AIRCRAFT	MAKE	Gruman	MODEL G-73	
The state of the s	SERIAL NO.	J-44	NATIONALITY AND REGISTRATION MARK U.S. N1208	<u></u>
2. OWNER	1	wn on registration certificate)	ADDRESS (As shown on registration certificate)	STX

3. FOR FAA USE ONLY

APPLIANCE							
	MAKE	4. UNIT IDENTIFICATION 5. TYPE MODEL SERIAL NO: REPAIR ATION R-1340-S1H1 P-328080 X					
AIRFRAME	***************************************	(As described in item 1 above)	•••••				
POWERPLANT	PRATT & WHITNEY	R-1340-S1H1	P-328080~	x			
PROPELLER					<u>.</u>		
APPLIANCE "	MANUFACTURER .				-		

ENGINE SUPPORT, INC. B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CESTIFICATED MECHANIC RT. 2 BOX 513 3610 FOREIGN CERTIFICATED MECHANIC POWER PLANT CLASS 1 & 2 SEBRING AIR TERMINAL CERTIFICATED REPAIR STATION SEBRING, FLA. 33870 MANUFACTURER

D. I certify that the repair and/or alteration made to she 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.

February 5, 1980

SIGNATURE OF AUTHORIZED INDIVIDUAL

JAMES W. TURNER

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 FAA FLT. STANDARDS OTHER (Specify) MANUFACTURER INSPECTION AUTHORIZATION CANADIAN DEPARTMENT FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR OF AIRCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL DESIGNATION NO. February 5, 1980 JAMES W TURNER

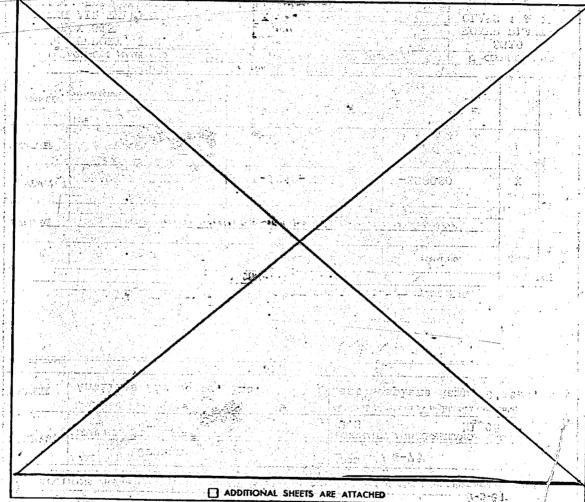
FAA Form 337 (7-67) nt Printing Office 1977-772-646/141

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.)

Engine received this station for overhaul. Engine given receiving inspection, completely disassembeld and all parts cleaned. All steel-parts magnafluxed. All parts inspected in accordance with manufacturer's specifications and replaced where necessary. Engine, magnetos and harness completely overhauled. Test house run of engine satisfactory. Time since overhaul 00:00 hours.

FAA-A.D. Note 56-6-2 complied with (Cylinder & Stud Inspection). Service Bulletin 1758-B complied with (Fly weights & fly weight liners) Service Bulletin 1658-B previously complied with (converted from ball-plain blower).



	v	PEPARTMENT OF FEDERAL AVIATION	ADM	NISTRATION			Form Approve Budget Burea	d No. 04-R	060.1	
	MA	JOR REPAIR	٩ND	ALTERATION		À	FOR FAA USE ONLY			
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		4.1	JNIT (DENTIFICATION				1 .	TYPE	
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RFRAME	***************************************	•	(As c	escribed in item 1 ob	ove)******	•••••••	*****		ATIC	
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OPELLER										
	TYPE									
PLIANCE	MANUFACTURER			es.					• .	
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Maria (1971)	wmo11		-3	U.S. CERTIFICATE	D MECHANIC	ICY .	C. CE	RTIFICATE I	NO	
0T1s C1@		Croix, USVI 0		CENTIFICATED REI	CATED MECHA	NIC S		7842353		
I certify t attachment and that t	hat the repair a ts hereto have b he information f	nd/or alteration made een made in accord urnished herein is	ide to ance true a	the unit(s) identification with the requirement and correct to the be-	st of my kn	owledge.	3. Federal Avia	n the rever	se or	
enuary	6, 1980			SIGNATURE OF AL	- 1 H	INDIVIDUA	3/1)-	00	-	
		· 3.5 9 9.5 7.	APPRO	VAL FOR RETURN TO	SERVICE	12	_ 	wXV.	-	
Administra	e authority give itor of the Feder	n persons specified al Aviation Adminis	below tration	, the unit identified and is APPRO	in item 4 w	as inspecte	d in the manne	r prescribe	d by	
	T. STANDARDS	MANUFACTURER	X	INSPECTION AUTHORIZA	িক <u>কিল্</u>	THER (Specify				
FAA D	ESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECT		د می این این این این این این این این این ای	Carrent Land		: .	
OF APPRO	OVAL OR	CERTIFICATE OR DESIGNATION NO	2.5	OF ARCHAIT SIGNATURE OF AU	THORIZED	INDIVIDUA	VL.		 	
	1980	1617154		CHAMPE PL	abel	Fu	Lling			
Form 33	₹ (7-67)	U.S. Government Prin								

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.)

- 1. The right and left windshields of Grussen G-73 S/N J-44, N 1208, was replaced with MRM HAAS "Tuffek", polycarbonate material, U.S. Government Specification 393A. The windshield was fabricated in accordance with Ghalks' International Airlines Drawing #1-7306-56. The Manufacturer's Specifications of the polycarbonate windshields will meet strength requirements of C.A.R. 04A.505 as assended. The impact strength of the "TUFFAR" windshields is 12.0-18.0 foot pounds, reference ASIM Test Method # 1256.
- All work above done in accordance with approved data, PAA Porm 337 Grussen G-73, N 7306, S/N J-6, date. November 27, 1978 and AC 43-13-A Chapter 9, para. 377.

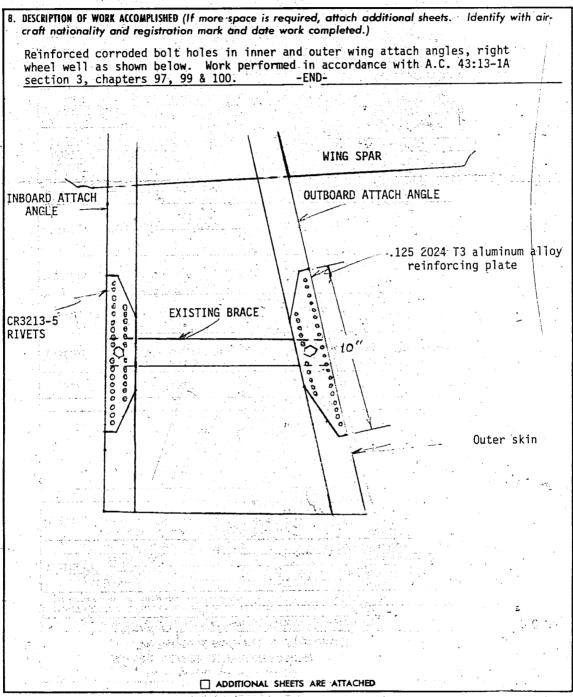
MINING ROLLING

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved Budget Bureau No. 04-R060.1

	(Airframe, Pow	And the second second second	eller,	or Applian		3.3		0-04	
INSTRUCT	TIONS: Print or type all	entries. See F/	AR 43.9	, FAR 43 Appe	ndix B, and A	AC 43.9-1 (or s	ubsequent r	evision th	ereof)
	MAKE GRUMMAN				MODEL G-7	73			<u>.</u>
. AIRCRAFT	SERIAL NO.	44, 12 T			NATIONALIT	Y AND REGIST	RATION MA	RK	
OWNER	NAME (As shown on re- Antl. Inc. C.O.	gistration certifico Chalk's	te) [ntn]	. Airline	Watson 1	shown on regis [sland - M	tration certifi cArthur	_{cote)} Causew	iay :
UITHER				OR FAA USE ON		FL 33132	•		`\ }
		 	IDENT	FIGATION		· · · · · · · · · · · · · · · · · · ·	•		TUNE
<u> </u>		4. UNI)	IDENT	FICATION		SERIAL	NO.	<u> </u>	TYPE ALTER
UNIT-	MAKE		<u> </u>	MODEL		-		REPAIR	1OITA
IRFRAME	**********	••••••••••••••••••••••••••••••••••••••	s descrit	oed in item 1 ci	bove)		*	. Х-	
OWERPLAN	T				(1) 1 (1) 1		<u> </u>		
PROPELLER						* 1			
APPLIANCE	MANUFACTURER					14			
			6. CO	FORMITY STATE		100	- CE	RTIFICATE	NO.
	AGENCY'S NAME AN	D ADDRESS		_,	ND OF AGE				
ROUTE 4	I R. FRITZ I, BOX 2282 IE, TEXAS 76031		E	` 	TIFICATED MECHA		A&P	194387	9
<u> </u>			de to th	manufactur	rifed in item	4 above and	described o	n the rev	rerse or
	y that the repair and/o nents hereto have been at the information furni		ue and	correct to the	best of my k	nowledge.			
DATE 5-1	12-82		S	IGNATURE OF	1.00	INDIVIDUAL	·		
•				L FOR RETURN)			had be
Pursuant t	o the authority given poistrator of the Federal A	ersons specified l viation Administ	below, tration	the unit identificand is AP	PROVED	REJECTIES		er presen	
	AA R.T. STANDARDS M.	ANUFACTURER		NSPECTION AUTHO		OTHER (Specify)		ı	•
1 1	AA DESIGNEE RE	PAIR STATION		ANADIAN DEPART OF TRANSPORT IN OF AIRCRAFT	SPECTOR				
REJECTION	Di	RTIFICATE OR SIGNATION NO 943879		- 1/	nett R	D'INDIVIDUAL		\$ 	
EAA Eau	227 /7 /7	-				/ /			18320

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.



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

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved Budget Bureau No. 04-R060.1

	(Airfrai	MAJOR REPAIR Ame, Powerplant,	Prop	eller, or Applia	nce)		FOR FA	PROP	1.
for instruc	TIONS: Print tions and disp	t or type all entries. S position of this form.	ee FA	R 43.9, FAR 43 App	endix B, ar	nd AC 43.9-1 (or subsequen	t revision	thereof
	MAKE	<u> </u>			MODEL				
1. AIRCRAFT	SERIAL NO	rumman	* ₂₂			G-73		*	
	SERIAL NO	J-44			NATIONA	LITY AND REG	ISTRATION A	AARK	-
	NAME (As si	hown on registration cer	ificate	•)		N1208		·	<u>.</u>
2. OWNER					Watso	(As shown on re n Island	gistration cert Mc A = +	ificate)	
	ANTI	L., INC.	1		way.	Miami, F	lorida	nur C	ause
				3. FOR FAA USE ON	LY	,			
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		4. 0	NIT I	DENTIFICATION		<u>:</u>		· ·	
UNIT		MAKE		MODEL	-	T	 _	- 5.	TYPE
			<u> </u>			SERIA	L NO.	REPAIR	ALTER-
AIRFRAME	•••	***************************************	(As d	lescribed in item 1 who					
·				and med in Heil 1 apo	We) *****	********	***	x ·	
POWERPLANT	₩				. 8.	T .	-		
								1	J.
		A Section 1	-						<u> </u>
PROPELLER									
	TYPE		L						
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APPLIANCE	MANUFACTURER'						-		
				<u></u>					
A. A	GENCY'S NA	ME AND ADDRESS	6.	CONFORMITY STATEME			<u>-</u> -		-
c	4	WE AIND ADDRESS		B. KIND X U.S. CERTIFICATED	OF AGE	1CY		TIFICATE	NO.
Hugh O'	Donnell			FOREIGN CERTIFIC		NIC :	784	23537	
Antille	s Air Bo	oats		CERTIFICATED REP.			,	1.	•
		St. Croix		MANUFACTURER					
attachment	hat the repair s hereto have	r and/or alteration ma been made in accorda n furnished herein is t	de to	the unit(s) identific	ed in item	4 above and	described on	the reve	rse or
	ne information	n furnished herein is t	rue a	nd correct to the bes	t of my kr	of the U.S. F lowledge.	ederal Aviati	on Regul	ations
ATE			:	SIGNATURE OF AU	THORIZED	INDIVIDUAL			
Ju:	ly 3, 19	81		than O		(1		*
-			PPRO	VAL FOR RETURN TO	FOVICE	mul	W	<u> </u>	
Pursuant to th	e authority gi		_		n item 4 -	es inspecial ;			
1 1		deral Aviation Administ	ration	and is APPRO		-,	ine manner	prescribe	d by
INSPEC	T. STANDARDS	MANUFACTURER	x	INSPECTION AUTHORIZATI	ION .	OTHER (Specify)			
. 1 1	SIGNEE	REPAIR STATION		CANADIAN DEPARTMENT					ŕ
				OF TRANSPORT INSPECTO OF ARCRAFT	OR .	•		, ,	
TE OF APPRO JECTION	YAL OR	CERTIFICATE OR DESIGNATION NO		SIGNATURE OF AUT	HORIZED	INDIVIDUAL			
	-3-81	1617154	.	Charle	lo R	f. 1	Λ.		
A Form 33	7 (7-67)			Time	11/	rul	ing		

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.)
 - 1. Installed right aileron s/n 493 on Aircraft N1208, inspected and found to be covered in accordance with AC 43.13-1A, Chapter 3, Section 1, and tested fabric per Section 4. Passed maule test.

 NOTHING FOLLOWS

ADDITIONAL SHEETS ARE ATTACHED

U.S. GOVERNMENT PRINTING OFFICE : 1967 OF-272-06

2. OWNER

UNIT

A: IFRAME

PROPELLER

Form Approved Budget Bureau No. 04-R060.1 FEDERA JATION ADMINISTRATION MAJOR REPAIR AND ALTERATION FOR FAA USE ONLY (Airframe, Powerplant, Propeller, or Appliance) OFFICE IDENTIFICATION 7-5-61 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. MAKE MODEL Grunnan 1. AIRCRAFT G-73 SERIAL NO. NATIONALITY AND REGISTRATION MARK N1208 J-44 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)
Chalk's Intl., Watson Island Antl., INc. Macarthur Cswy, Miami, Florida 33132 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE MAKE SERIAL NO. ATION d in item 1 above) X POWERPLANT

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APPLIANCE	MANUFACTURER		. .					
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	<u></u>		1.			:ر ع	l i	
<u> </u>	· ·		<u> </u>	CONFORMITY STATEMENT				
A.	AGENCY'S NA	ME AND ADDRESS						_
÷=				B. KIND OF A	GENCY	C. CER	TIFICATE NO.	
Char	rles R. Fre	ohline		X U.S. CERTIFICATED MECHA	NIC	T		-
D O	Don 771	≅ıтınıã	•	FOREIGN CERTIFICATED ME	CHANIC	16171	F4 .	
F.U.	Box 731			CERTIFICATED REPAIR STAT		16171	54	٠
F.St	ed, St. Cro	oix 00840		MANUFACTURER .		┥.		
May	6, 1980			Charles R. Freehl			-	
		7	i Depor	WALLES R. TICCHI	IIIg front	MY	ikli.	
Pursuant to	the such asia			SANT LOW RELOKU IN PEKALCE				_
		ven persons specified eral Aviation Admin	l belov istrațio	w, the unit identified in item	4 was inspected -	the manner	prescribed by	<u>*</u>
· 1 1 · ~~	FLT. STANDARDS PECTOR	MANUFACTURER	x	INSPECTION AUTHORIZATION	OTHER (Specify)		· .	_
	DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF, TRANSPORT INSPECTOR OR AIRCRAFT				
ATE OF APP	ROVAL OR	CERTIFICATE OR DESIGNATION N		SIGNATURE OF AUTHORIZ	ED INDIVIDUAL			_
May 6, 3	L980	1617154	.	Charles B B	O_{I}	12.0/		

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.

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

N1208

CURRANT LIMITED INSTALLATION

- 1. Installed in bottom left and right Nacell Junction Box Wing, Station 92, an 100 amper current limited (Bussman Mfg. Co., P/N ANL-100) between the battery and the starter relay using original starter wire and a jumper of the same size as the starter wire.
- 2. All of the above work is in accordance with Advisory Circular 43.13 1A Chapter 11 Section 1,2,3,5,6,7.
- 3. This installation similar to approved Form 337 Dated April 14, 1980 N51151.

-----NOTHING FOLLOWS----

ADDITIONAL SHEETS ARE ATTACHED

DEPAR Sent OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION

7-5-61

for instruction	ons and	rint or type all entries. disposition of this form	See FAR n.	43.9, FAR	. 43 App	endix B,	and AC 4	13.9-1	(or subs	equent re	vision the	reof)
	MAKE					MODEL						

1. AIRCRAFT	MAKE GRIMMAN	G-73
I. AIRCRAFI	SERIAL NO. J-44	NATIONALITY AND REGISTRATION MARK N 1208
2. OWNER		ADDRESS (As shown on registration certificate) 915 N.B. 125th Street North Miami, Fla. 33161
	3. FOR FAA USE UN	LY

•		4. UN	IT IDENTIFICATION			5. 1	YPE
UNIT	MAKE		MODEL		SERIAL NO.	REPAIR	ALTER-
AIRFRAME		•••••••••••••••••••••••••••••••••••••••	As described in item 1 ab	ove) ******	***************		x
POWERPLANT						.,	•
PROPELLER						ż	
APPLIANCE	TYPE 6 MANUFACTURER						

	CON	FORMITY STATEMENT	 .	
A AGENCY'S NAME AND ADDRESS		B. KIND OF AGENCY	 C. CERT	IFICATE NO.
harles R. Freehling	X	U.S. CERTIFICATED MECHANIC	 1	
2.0. Box 731	`-C	FOREIGN CERTIFICATED MECHANIC	1617154	
Prederiksted, St. Croix, USVI 00840	Ī	CERTIFICATED REPAIR STATION	1	
redeliasted, St. Litola, USVI 00040		MANUFACTURER	1	

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.

DATE		<u>.</u>			SIGNATURE OF AUTHORIZED INDIVIDUAL
Nov	emb	er 30, 1979		. (Charles R. Prechling Charles Vielling
			7. A	PPRO	OVAL FOR RETURN TO SERVICE
I ui the	Adn	it to the authority given in instructor of the Fed	ven persons specified beral Aviation Administ	elov tatio	v, the unit identified in item 4 was inspected in the manner prescribed by in and is A APPROVED REJECTED
BY		FAA FLT, STANDARDS INSPECTOR	MANUFACTURER	x	INSPECTION AUTHORIZATION OTHER (Specify)
٠		FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT
REJEC	CTIO	APPROVAL OR ber 30, 1979	CERTIFICATE OR DESIGNATION NO 1617154	:	Charles R. Freehling Phoeles Fulling

FAA Form 337 (7-67)

U.S. Government Printing Office 1977—772-646/14

C(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.

3.	DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)
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	1. Reduction of maximum certificated take-off weight from 12,750 its.
	1. Reduction of maximum certificated take-off weight from 12,750 irs.
	to 12,500 lbs in accordance with STC SALLAL.
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	이 그 이번 하지 않아 가게 되었다. 이 가게 되었다. 이 사람들은 그 살아 있다.
	이 사람들은 이번 이번 생활을 가득했다. 이 시작을 받는데 모든 모든 모든
	보험하는 목으로 살아보면 보면 하는 사람들이 하는 사람들이 되었다.
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	ADDITIONAL SHEETS ARE ATTACHED
	MADDITIONAL STEELS ARE ATTACHED

DEPAR) OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R060.1

FOR FAA USE ONLY
OFFICE IDENTIFICATION

INSTRUCT	TONS: Print of			o Fib.		<u> </u>	SO-FSD		·
for instructi	ons and dispos	type all entries. See ition of this form.	: FAR 43	.9, РАК 43 Арр	endix B, and	AC 43.9-1 (or	subsequent	revision	hereof)
1. AIRCRAFT	MAKE	RUMMAN			MODEL	G-73	_		
i. AIRCRAFI	SERIAL NO.	J-44				TY AND REGIS	TRATION M	ARK	. j. s
2. OWNER		vn on registration certif			ADDRESS (A	As shown on reg . 125th St	istration certi	ficate)	-
		Air Boats, Inc	3.	5 May 23 6 1	North Mi	ami, Flori	da 3316	51	wa.i.
		•	3.	FOR FAA USE ON	LY .			-	
e Se se se se se Se se									
		4. U!	NIT IDENT	TIFICATION					TYPE
ַדואט		MAKE		MODEL		SERIAL	NO.	REPAIR	ALTER
AIRFRAME	••••	***************************************	(As descri	ibed in item 1 ab	ove)	••••••	**		x
OWERPLANT		14				_			
ROPELLER	%								
	TYPE						·		-
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	· · · · · · · · · · · · · · · · · · ·		(50					<u> </u>	L
A. A	GENCY'S NAM	E AND ADDRESS	6. COP	FORMITY STATEM		100	C CED		
	Veil Ramos	LE AND ADDRESS		U.S. CERTIFICAT	D OF AGEN	101	C. CER	TIFICATE	NO.
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io Piedra	e DD	. ΑΨ.C. 3		CERTIFICATED RE			169039	55	
				MANUFACTURER			•		
		and/or alteration ma been made in accorda furnished herein is t					described or ederal Aviat	the reve	rse or
ovember i			SĮ	COMPTON A	Mei	•	Mor		•
		7 /		ras O'Noil FOR RETURN TO	Kamos				
Pursuant to the Administr	he authority giv	ven persons specified eral Aviation Adminis	helou ti	re unit identified	linieum 4 u	zs inspected in	the manne	r prescrib	ed by
FAA F	LT. STANDARDS	MANUFACTURER	1 1 .	SPECTION AUTHORIZ	- 10	OTHER (Specify)		• • • •	<u>e</u>
FAA I	DESIGNEE	REPAIR STATION	OF	TRANSPORT INSPEC		e Symmetrice ee.			
ATE OF APPR JECTION	OVAL OR	CERTIFICATE OR DESIGNATION NO	SIC	SNATURE OF A	After the second control of				
AA Form 3		1617154	a	erles Freel	iline (horbert	- wh	ng.	

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 from upper Left wind nacelle one Vickers Accumulator Ball type accumulator of 54.7 cubic inch displacement which is obsolete.
 - Installed two Bendix accumulators P/N 548650-1 piston type of 50.0 cubic in displacement each. Installed accumulators in lower left nacelle behind wing spar bulkhead utilizing existing angles and "U" bolts of 4". Installed

in system i parallel. 3. Installation installed as per 337 dated September 24, 1979 N 2970 approved for duplication. All work done in accordance with AC 43.13-1A Chapter 2, Section 3 and Chapter 10, section 1. ----NOTHING FOLLOWS-

ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION ADMINISTRATION

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

Form Approved Budget Bureau No. 04-R060.1

FOR F1A USE ONLY
OFFICE IDENTIFICATION
SO-FSDO-61

for instruction	ons and disposition	e all entries. See l of this form.	AK 43.9	, ran 45 appe	endix D, and	AC 43.9-1 (01 3	uosequent n		ereory
	MAKE	,			MODEL				
1. AIRCRAFT	GRIP.	Mari		3		G-73			
I. MIRERALI	SERIAL NO.	, , , , ,	•		NATIONALIT	Y AND REGIST	RATION MA	ĸĸ	
		J-4 4	<u> </u>		ADDRESS /A	N 1208	tration radic	cate)	
2 AWNER	NAME (As shown or	n registration certific	टा क) ' *	ť z	915 N	s shown on regis . 125th St	rest	.u.ej	
2. OWNER	Antilles Ai	r Bosts, Inc.	•			ani, Flori		1	* -
		<u></u> _		OR FAA USE ON					•
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	in the figure of			14					
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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.)
 - 1) In order to facilitate inspection of forward main wheel drag link attachment to hull an inspection access door has been provided as follows:
 - a. One hole made on each side of the hull between hull stations 220. and 234 and 2 inches above the chine.
 - b. One doublar of 2024T3 x .050 riveted on the inside of the hole, 7 x 6 inches, to restore skin strength at the location of the access hole. Double row of rivets used to hold doublar to skin.
 - c. Gang-mut characl provides the attachment of water tight cover constructed in the same manner as water tight doors on floats and I/A/W figure 109 skin patch repair square flush G-21A cover installed on sealant.
 - d. All work done in accordance with Grussen structure and repair manual NAV.AER 01-85V-3, page 196, Pigure 110 and AC 43.13-1, Chapter 2, Section 3.

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ADDITIONAL SHEETS ARE ATTACHED

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-	MAKE GRIMMAN			MODEL G	-73		•	
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	NAME (As shown on registration certific	ate)		ADDRESS (As a	hown on regist	ration cenifi	cate)	
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and that	the information furnished herein is			AUTHORIZED I				-
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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.)
 - 1. Removed existing bench seats left and right from station 150 to station 220 installed in accordance with STC SAll3AL. Removed plywood floor station 180 to 255.
 - Installed on transverse floor beam station 202 and station 222 on forward side an 1" x 1" .060 2024T3 angle.
 - 3. In place of the plywood floor, .250 Gillfloor 5007A was substituted, Gillfloor is used in N 74588 and 1048V.
 - 4. Installed Gillfloor and seat track (Brownline) in accordance with Aeronautical Engineers Incorporated Drawing N. GA-3016 dated February 1974. One single and one double station 177, one single and one double station 210, and one single station 238.5. Installation approved under STC No. SA310EA. Minor changes to this installation which do not affect the structural integrity of the installation but improve it are on each transverse floor beam the Brownline which normally is attached by one AN 507-10R the second one through angles as discribed in Item (2). Seats are Associated Aircraft Equipment,

Inc. TSO C39A.
5. All work in accordance with AC 43.13-1A, Chapter 2, Section 3.

ADDITIONAL SHEETS ARE ATTACHED

OF TRANSPORTATION Form Approved Budget Bureau No. 04-R060.1 FEDERAL AVIATION ADMINISTRATION FOR FAALUSE ONLY MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION (Airframe, Powerplant, Propeller, or Appliance) 50. 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 GRIMMAN G-73 1. AIRCRAFT NATIONALITY AND REGISTRATION MARK SERIAL NO. N 1208 J-44 ADDRESS (As shown on registration certificate)
915 N. E. 125th Street NAME (As shown on registration certificate) 2. OWNER -North Mismi, Florida Antilles Air Boats, Inc. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE SERIAL NO. UNIT ATION X. AIRFRAME oooooooooo (As described in item 1 above) POWERPLANT PROPELLER APPLIANCE 6. CONFORMITY STATEMENT C. CERTIFICATE NO. A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY X U.S. CERTIFICATED MECHANIC CHARLES R. FREEHLING FOREIGN CERTIFICATED MECHANIC P.O. Box 731 1617154 CERTIFICATED REPAIR STATION Frederiksted, St. Croix, USVI 00840 MANUFACTURER Thertify 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 October 4, 1979 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

October 4, 1979 FAA Form 337 (7-67)

FAA DESIGNEE DATE OF APPROVAL OR

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REJECTION

1617154 ☆ U.S. Government Printing Office 1977—772-646/141

REPAIR STATION

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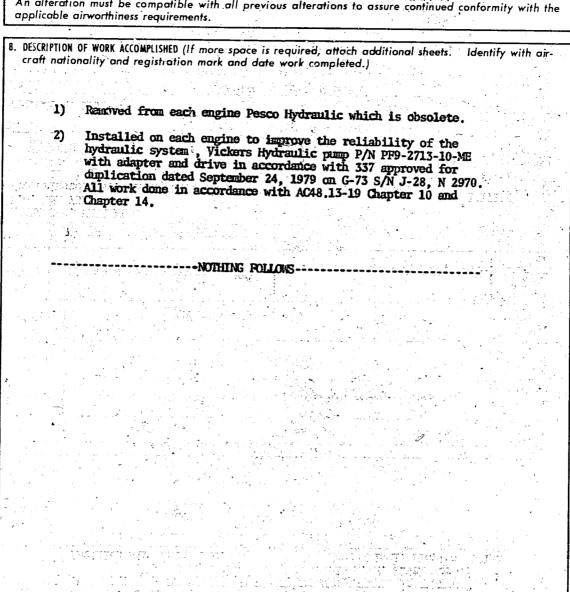
DESIGNATION NO.

CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT

CHARLES R

SIGNATURE OF AUTHORIZED INDIVIDUAL

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



ADDITIONAL SHEETS ARE ATTACHED

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and that t	ts hereto have been made in according the information furnished herein is	rue a	and correct to the be	stofmykn	of the U.S. owledge.	Federal Aviation	on Regul	ations
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June 4, 1979 FAA Form 337 (7-67)

Selection and a

DATE OF APPROVAL OR REJECTION

FAA DESIGNEE

CHARLES R. FREEHLING pub Ituelling (8320)

SIGNATURE OF AUTHORIZED INDIVIDUAL

REPAIR STATION

CERTIFICATE OR DESIGNATION NO.

IA 1617154

in the

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-20-81

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.)

(1) Received two modified cockpit chairs, Assemble P/N 111020 from Chalk's International Airline, installed with TSO shoulder harness in compliance with FAR 135.171. This installation previously approved on Form 337, May 5, 1979 on Aircraft N7306 for duplication. Modification Drawing AE 3580, Load Test Report and statement of compliance Form 8110 approved by DER Mr. J. Patterson, SO-211, attached.

---- NOTHING FOLLOWS

ADDITIONAL SHEETS ARE ATTACH!

OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

term Approved

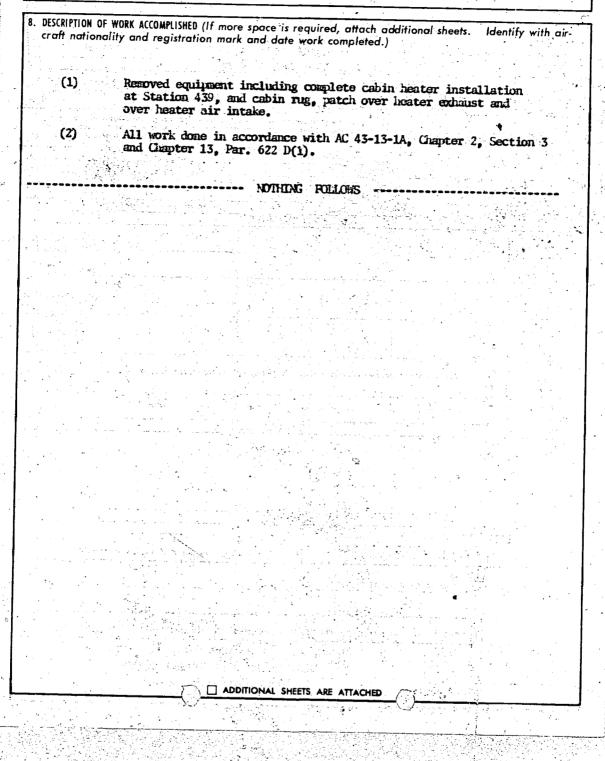
Rudget Bureau No. 04-R060.1 FOR FAA USE ONLY

MAJOR REPAIR AND ALTERATION OFFICE IDENTIFICATION 6 (Airframe, Powerplant, Propeller, or Appliance) ENSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.2-1 (or subsequent revision thereof) for instructions and disposition of this form. MAKE MODEL GRIF-MAN G-73 1. AIRCRAFT SERIAL NO NATIONALITY AND REGISTRATION MARK
US N-1208 J-44 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate) 915 N.E. 125til Street, North Miami, Florida, 33161 2. OWNER ANTL INC. 3. FOR FAA USE ONLY 4. UNIT IDENTIFICATION 5. TYPE UNIT MAŘE SERIAL NO. ALTER-ATION AIRFRAME on (As described in item 1 above) X POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS B. KIND OF AGENCY C. CERTIFICATE NO. LAFE AUSTIN U.S. CERTIFICATED MECHANIC :/o ANTILLES AIR BOATS, INC FOREIGN CERTIFICATED MECHANIC A & P 2227109 CRISTIANSTED, ST CROIX, U.S.V.I. 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. DATE SIGNATURE OF AUTHORIZED INDIVIDUE DECESEER 12, 1978 CLAUDE AUSTIN 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 FAA FLT. STANDARDS OTHER (Specify) χ MANUFACTURER INSPECTION AUTHORIZATION INSPECTOR CANADIAN DEPARTMENT OF TRANSPORT INSFECTOR FAA DESIGNEE REPAIR STATION OF AIRCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL REJECTION REPORT 12, 1978 LA 1617154

FAA Form 337 (7-67)

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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.



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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

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FAA Form 337 (7-67)

T OF TRANSPORTATION Form Approved Budget Bureau No. 04-R060.1 FEDERAL AVIATION ADMINISTRATION MAJOR REPAIR AND ALTERATION FOR FAA USE ONLY OFFICE IDENTIFICATION ADO (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 Grumman I. AIRCRAFT SERIAL NO. NATIONALITY AND REGISTRATION MARK J-44 N1208 NAME (As shown on registration certificate) ADDRESS (As shown on registration certificate)
Watson Isl., MacArthur Causeway
Miami, Fla. 33132 2. OWNER ANTL, Inc. 3. FOR FAA USE ONLY The data/afteration identified herein compiles with the applicable airwarthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43, pection 43.7. Signature of EAA Inspector 4. UNIT IDENTIFICATION UNIT 5. TYPE MAKE SERIAL NO. ALTER-ATION AIRFRAME Assessesses (As described in Item 1 above) XX POWERPLANT PROPELLER APPLIANCE MANUFACTURER 6. CONFORMITY STATEMENT A. AGENCY'S NAME AND ADDRESS Chalk's Int'l Airline, Inc. B. KIND OF AGENCY C. CERTIFICATE NO. U.S. CERTIFICATED MECHANIC Watson Isl., MacArthur Causeway FOREIGN CERTIFICATED MECHANIC Miami, Fla. 33132 X CERTIFICATED REPAIR STATION 705-135 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. DATE SIGNATURE OF AUTHORIZED INDIVIDUAL 5 December 1978 Cerned Maill 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 FAA FLT. STANDARDS OTHER (Specify) MANUFACTURER INSPECTION AUTHORIZATION CANADIAN DEPARTMENT FAA DESIGNEE REPAIR STATION OF TRANSPORT INSPECTOR OF AIRCRAFT DATE OF APPROVAL OR CERTIFICATE OR SIGNATURE OF AUTHORIZED INDIVIDUAL REJECTION DESIGNATION NO. 705-135 man K.

GPO: 1971 O - 410-878

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FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-81

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.)
 - N1208 Installed (2) double seats Sta 283 & 320 marked TSO C-39, (3) single seats Sta 238 1/2, 283 and 320 all marked TSO C-39.

Seats all installed on Brownline Seat Tracks which has FAA approval. Seat and interior installation was made in addordance with Chalk's International Airline drawing 100, dated May 12, 1975. End.

ADDITIONAL SHEETS ARE ATTACHED

FAR I

per

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	(Airframe, Pow	erplant, Proj	peller,	or Applic	nce)		# 1280-0 s		
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IRCRAFT	SERIAL NO.	J-44	r seers		U.S.A.		18		
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F.	AA FLT, STANDARDS NSPECTOR	MANUFACTURER		INSPECTION A	UTHORIZATION	OTHER (Specify)			
BY	AA DESIGNEE X	REPAIR STATION		OF AIRCRAFT	RT INSPECTOR				
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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.

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Depay ant of Exansportation—Actival Abia, Administration Time Certificate

Number SA18625W

This certificate; issued to Frakes Aviation

Rt. 3 - Cleburne Municipal Airport

Cleburne, Texas 76031

sertifies that the change in the type design for the following product with the in whations und conditions therefor as specified hereon meets the airworthiness requirements of Fire 40 of the Civil Air

Regulations.

Criginal Treslect - Typo Cortificato Number: 783

Make: Grumman

Model: G-73

Description of Type Design Change: Installation of alternate nose wheel according to Frakes Aviation Drawing FA5096, Revision D dated 6/21/74.

Limitations and Conditions:

This certificate and the supporting date which is the basis for approval shall remain in effect until sur rendered, suspended; rowked; or a termination dato is otherwise established by the Stelministrator of the Tedoral Siviation Stelministration

Dalesfupplication: March 27, 1974

Dalesfissuance: March 27, 1974

Date ressued: August 14, 1974 Revision 1

Dolo amended:

By direction of the thining trator Mation

Don P. Watson

Acting Chief, Engineering and Manufacturing Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

FAA Form 8110-2 [10-68]

This certificate way be transferred in accordance with FAR 21.47.

FAA AIRCRAFT REGISTRY DATE: 5-22-8 CAMERA NO. tria Pala ga nga paga kanggan kangga lan akatan laga kanggan kanggan kanggan kanggan kanggan kanggan kanggan kanggan kan Banggan kanggan kanggan kanggan lan akanggan kanggan kanggan kanggan kanggan kanggan kanggan kanggan kanggan k and the large growing grant at making a trade cary language and a large security and established shipper beginning about the trackless and the highly shoulded that and the filter of the second See See See

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	se attachments or extra sheets as ne	ibinit this form, original only, to an authorize cessary.	ed Federal Aviation Agency Representa
₽Ž	1. AIRCRAFT IDENTIFICATION NO. N 1208	2. ARCRAFT MAKE Grumman	3. AIRCRAFT MODEL G-73
\$£	4. AIRCRAFT SERIAL NUMBER	S. ENGINE MAKE	6. ENGINE MODEL
SCRIPT	J-44	Pratt & Whitney	S 3 H1
AIRCRAFT DESCRIPTION	7. NUMBER OF ENGINES	8. PROPELLER MAKE	9. PROPELLER MODEL
	Two	Hamilton Standard	23D40-51-6533A-18
CERTIFICATION REQUESTED	classification(s):	E (ARCRAFT NEW USED IMPORT) (CAR 1 ATE (CAR 1.62) ND 8) Popropriate item(s)) IS Certificate be issued to permit operation of the BATIC TRANSPORT CATEGORIES; (REF. CAR 1) FIRCL (4) PATROLLING (5) FOREST AND W (6) WEATHER CONT (7) OTHER	(Specification of the following above described aircraft in the following above described aircraft in the following above described aircraft in the following
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		FEDERAL AV	IATION AGENC	γ.	
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FAA AIRCRAFT REGISTRY DATE: 5-22-81 CAMERA NO.

UNITED STATES OF AMERICA

CERTIFICATE OF AIRWORTHINESS

		<u> </u>	•
EGISTRATION MARKS	Z. MÁRE AND MODEL O	Dr. IMCERE.	3. APPCRAFT SERIAL HUMBER
N1208	Grumman	G-73	3-44

Standard Transport

5. This Certificate of Air-or-thiness is issued pursuant to the Convention on Internotional Civil Aviation dated 7 December 1944, and the Federal Aviation Act of 1938, in respect of the above-mentipled aircraft which is considered to be airworthy when maintained and operated in accordance with the respecting and the pertinent Airplane Flight Manual.

6/5/64

Gordon H. Anderson AL-FSDO-4

DAIL OF ISSUE

FAA RIPPI ENTIATIVE

DESIGNATION NO.

6. This aircraft is being maintained under a continuous with the terms of Operatings entificate No. $803\,$

GPO -1959 DF-308680

FORM FAA-1362 A (5-59)

CAMERA NO. | DATE: 5-20-81

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FAA AIRCRAFT REGISTRY

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-81

UNITED STATES OF AMERICA — FEDERAL AVIATION AGENCY

STANDARD AIR WORTHINESS CERT FICATE

1. NATIONALITY AND
REGISTRATION MARKS

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FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-81

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Form ACA-1862 (12-50)

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CAMERA NO. | DATE: 5-20-81

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FAA AIRCRAFT REGISTRY

	, ,				MAY 9 1958
IOLAM	R REPAIR AND ALTERAT		PARTMENT OF CO		Form approved.
1. AIRCRAFT			MODEL .		LLER OR APPLIANCE)
	Grumman NAME (First, reiddle, last)		G-73	SERIAL NO.	N 1208
2. OWNER		شنسسب	-diagram A	ORESS (Street and number, city,	tone and State)
3. COMPLETI	Fruehauf Trail	RED AND OF	A TEDED	Detroit, Mich	ilgan
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c. PROPELLER -)-)E-AMI	9114	X
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Municipa	al Airport		Foreign Certi	ficated Mechanic	
THE TATES	le, New Jersey		Certificated H	epair Station.	3507
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I certify that attachments h	the repair and/or alteration ereto have been made in according furnished herein is true and	made to the	tion pr	ocedures.)	1
		d correct to th	the requirements of	Part 18 of the U. S. Civ	il Air Regulations and that
(Date repair an	d/or alteration completed)	*	7/10/	J.W. Mc	Kercher-17668-E
APPROVAL FO	OR RETURN TO SERVICE (C	Check and complete	appropriate items)	(Signature of authorized indi-	ridual)
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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.

This engine has received a major overhaul with replacement parts manufactured by Pratt & whitney or licensee.

Two each SB9RN Magnetos, R.H. 059668, L.H. 059653 One each NAY9E1-511 Carburetor, S/N 5962933, P/L No. A18639-7

Total time on this engine 1157:01 Zero time since overhaul.

All steel parts were Magnafluxed. The data plate has been stamped in accordance with C.A.A. Engine Specifications.

This engine has been given a complete test run, the results of which are recorded on an Airwork Corporation Test Leg.

Fratt & Efficiency Service Bulletins per Airwork Corporation 100% Service Bulletin Compliance List dated July 29, 1955 were complied with.

This does nee include engine installation.

Installed left position 4/25/56

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AHOYA ATE 17426.

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*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed. Cheek block if affiditional sheets are attached,

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ettechment	nat the repair and/or alterati is hereto have been made in a ation furnished herein is true	ecordance with	the requirements	of Eart 18 of	3 above an	d described or Civil Air Regul	the reverse or ations and that
	29, 1955	• .	2///2// 1	skerche	r - 17	568-K	*.
(Date repair	ir and/or alteration completed)			(Signature	of authorized i	ndividual)	
6. APPROVAL Pursuant to trator and i	FOR RETURN TO SERVICE the authority specified below is	E (Check and comple v the unit ident	neappropriate items) tified in item 3 w	s inspected i	n the mann	er prescribed	by the Adminis
	PROVED BY CAA Des	· -		Canadian Der Other (Specif		Fransport Insp	ector of Aircraft
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	MPLETED ONLY BY CAA PE	RSONNEL	1 .				: :
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16-54010-4			/_			F	orm ACA-337 (4

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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.

This engine has received a major overhaul with replacement parts manufectured by Pratt & Whitney or licenses.

Two each SB9RN Magnetos, R/H 192603, L/H 192631 One each NAY9E-1-507 Cerburetor, S/N 5962825, P/L 390814-1

Total time on this engine 2036:57. Zero time since overhaul.

All steel parts were Magnafluxed. The data plate has been stumped ! accordance with CAA Engine Specifications.

This engine has been given a complete test run, the results of which are recorded on an Airwork Corporation Test Log.

Pratt & Whitney Service Bulletins per Airwork Corporation Automatical Service Bulletin Compliance List, dated October 14, 1955, were embodied.

This engine has been inspected every thirty days for evidence of rust

Installed right position 4/25/56

HHogan AVE 17426

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

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- Check block if additional sheets are attached.

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8. S. COVERNMENT PRINTING COVICE -- 10-54010-4

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B. DESCRIPTION OF WORK ACCOMPLISHED.

BUTT SPLICED IN TWO SECTIONS OF .064" X 22"WIDE X 46" LCNG OF 24ST IN PLACE OF ORIGINAL .051" GAUGE SKIN DIRECTLY PORWARD OF MAIN HULL STEP AND ALONG BOTH SIDES OF EXISTING REEL AT THIS LOCATION.

BUTT SPLICE MADE WITH INSIDE SPLICE GUSSETS .064" X 22" WIDE 24ST ALL ORIGINAL KEEL RIVETS WERE REPLACED.
RIVET SPACING BLONG SKIN SPLICES WERE TWO ROWS OF AN 456-AD5 RIVETS ON BOTH SIDES AT HALP INCH SPACING.
ALL NEWLY FABRICATED PARTS ALODINED AND PRINED BEFORE ASSEMBLY.
ALL WORK ACCOMPLISHED IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS AND CAM-18.
ENTIRE HULL TESTED FOR LEARS AND REPAIRED AS NECESSARY.

RECEIVED Jun 4 2 08 PH ADMIN. R. NECONDS BR.

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

Check block if additional sheets are attached.

. S. SOVERSMENT PRINTING OFFICE ... 10-54010-

U. S. DEPARTMENT OF COMMERCE		Form Approved. Budget Bureau No. 41-R041.5.
APPLICATION FOR AIRWORTHINESS CERT AND/OR ANNUAL INSPECTION OF AN AIR	TFICATE CCRAFT	INSTRUCTIONS Please print or type. Submit this form to the Civil Aeronautics Administration Aviation Safet
1. TYPE OF APPLICATION (Check splick)		Field Representative.
	· _	
. ORUGINAL ISSUANCE OF CERTIFICATE	d. [] RECER	TIFICATION UNDER THE PROVISIONS OF CAR 8
ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE		PLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8
c. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE	£ 🗆	
2. AIRWORTHINESS CLASSIFICATION (Check appropriate the	(a))	
It is requested that the Certificate of Airworthiness be i worthiness classification(s):	ssued to pern	ait operation of the aircraft in the following air-
STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATE	GORIES)	
L LIMITED (SEE (JR 9)		
E RESTRICTED (SEE CAR 8)		
(Check the restricted special purpose operation(s) to be conducted)	_	
AGRICULTURAL AND PEST CONTROL	☐ PATRO	
AERIAL ADVERTISING		F AND WILDLIFE CONSERVATION
AERIAL SURVEYING		ER CONTROL
☐ GLIDER TOWING d. ☐ EXPERIMENTAL	☐ OTHER	
(Check the type of experimental operation(s) to be conducted)	- 1 Pet	
RESEARCH AND DEVELOPMENT	☐ RACING	
☐ AMATEUR-BUILT		
☐ DEMONSTRATION		
E periorativation	☐ OTHER	
3. AIPCRAFT IDENTIFICATION (Complete all terms)	-	
a AIRCRAFT MAKE b. AIRCRAFT MODEL		c. AIRCRAFT SERIAL NO.
Grumman G 73	1000	J 44
., d. engine make	e. ENGINE MO	
Pratt & Whitney		
	1	S 3 H 1
A. AIRCRAFT REGISTRATION INFORMATION (Complete all	items)	
a. REGISTERED OWNER'S FULL NAME	b. PERMANEN	T MAILING ADDRESS . c. AIRCRAFT NATIONALITY AND REGISTRATION MARN
Fruehaf Trailer Co.	10940 II	
	Dotnoid	200 1/4
	perrora	32 Mich. N- 1208
		The state of the s
5. AIRCRAFT OWNER'S CERTIFICATION (Check and complete of	ppropriate ilem)	
I hereby certify that I am the registered owner (or heregistered* with the Civil Aeronautics Administration as not 502 and when operated displays the following evidence		
■ CERTIFICATE OF REGISTRATION, FORM ACA-SEC (PART A). DAT	F OF ISOIF	
b. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). FO	PH ACA-SM PA	T A ENDWADNED TO CAN ALCOHOL TO THE COLUMN
W-300 ON	riori-one, FAI	
c. DEALER'S REGISTRATION CERTIFICATE, FORM ACA-1707, DATED		
The second secon		
In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1 (33) of the Ciril Acronautics Act of 1938, as amended.		
"In order to be eligible for registration an aircraft must be owned by a cilinen of the United States, as defined by Section 1 (13) of the Ciril Acronautics Act of 1838, as amended. ATTACHMENTS (Check maich)	,,,	
	Ho	in O. Hoga

☐ ACA-317

DATA, DRAWINGS, ETC.

UNAPPROVED DEVIATION DATA

MAY 9 1956

	PARTMENT OF COMME		W. Prace
(To be completed by a CA	• •	proved repair station	
The aircraft described in Item 3 on the reverse of the	his form has been inspec	ted and found to confor	m to the following:
(Check and complete applicable items) 1. AIRCRAFT AND ENGINE CERTIFICATION BAS AIRCRAFT SPECIFICATION NO. A 783	SIS TUDDINGU SUFET DEVISION E	20 E	
b. AIRCRAFT LISTING PAGE NO.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
AIRWORTHINESS DIRECTIVE SUMMARY 5126-2	THROUGH CARD NO.	56-9	
4. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CER			
2. AIRCRAFT AND ENGINE OPERATING RECOR	DS		
. AIRCRAFT NEW-NO PREVIOUS UPERATION OR MAINT	ENANCE HISTORY		
COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRI	the state of the s		
C. T AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BE		2751:10 HOUR	•
4. ENGINE RECORDS INDICATE THE FOLLOWING OPERAT			
SERIAL NO. 977/	TOTAL HOURS 1:55		
SERIAL NO. 328040	TOTAL HOURS 1.45		
SERIAL NO.	TOTAL HOURS		
SERIAL NO.	TOTAL HOURS		▶ .
3. PREVIOUS INSPECTION RECORD (INTRECTIO		RM ACA-319)	≈
LAST AIRWORTHINESS INSPECTION CONDUCTED	2=56 _(DATE)	- 4	
BY AIRCRAFT MANUFACTURER	(DATE)		EM CO
BY APPROVED REPAIR STATION, CERTIFICATE	NO		
BY MECHANIC, CERTIFICATE NO	5		25 8 VI
b. TPERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA	-319. WAS RETURNED TO OW	NER	
4. AIRWORTHINESS DOCUMENTS ISSUED OR RI	EVIEWED		25 25 26
. OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED	(COPY ATTACHED)		
b. CURRENT OPERATION LIMITATIONS, FORM ACA-309, 19	AVAILABLE IN AIRCRAFT		
CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS A	VAILABLE IN AIRCRAFT		
LT CURRENT WEIGHT / NO BALANCE INFORMATION IS AV	AILABLE IN AIRCRAFT		
THIS INSPECTION HAS BEEN RECORDED IN THE AIRCE	AFT RECORDS		
1. CERTIFICATE OF AIRWORTHINESS, FORM ACA-136Z, ISS	NED TO EXPIRE5-2-5'	7	
PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE	5-2-56	(DATE)	
By R. M. Barron	foats:	Z ATION NO.)	
(NAME OF ISSUING REPRESENZATIVE)		ATION RO.)	
5. CAA APPROVED REPAIR STATION CERTIFICA	TION		
The aircraft described on the reverse has been	inspected under the au	thority accorded certific	rated repair station
No by CAR 52 and was found			
☐ AIRWORTHY			
UNAIRWORTHY			
	(REPAIR STATION AUTHORIZED SIG	GRATURE)	(DATE)
6. CAA REPRESENTATIVE CERTIFICATION			
I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVI	ERSE AND FOUND IT X AL	RWORTHY UNAIRWORT (Check appropriate item)	HY
DESIGNEE'S SIGNATURE	DESIGNATION NO.	5-2-56	
AVIATION SAFETY AGENTS SIGNATURE	CAA-DESIGNATION NO.	DATE	ACCEPTED
() 10/	Reg. 3 KC		REINSPECTED
Munity	ASDO 5	5-10-56	SPOT CHECKED
☐ ATTACHMENT	· ·		
	4		

8. 6. COVERMENT PRINTING OFFICE 16-60837-

Form ACA-805a (11-51)

U. S. DEPARTMENT OF COMMERCE		Form Approved. Budget Bureau No. 41-R04).5.		
CIVIL AERONAUTICS ADMINISTRATION		INSTRUCTIONS Please print or type Submit this form to the		
APPLICATION FOR AIRWORTHINESS CERT	IFICATE	Please print or type. Submit this form to Civil Aeronautics Administration Aviation Saf		
AND/OR ANNUAL INSPECTION OF AN AIR	CRAFT	Field Representative.		
1. TYPE OF APPLICATION (Check which)				
. ORIGINAL ISSUANCE OF CERTIFICATE	d. 🗌 RECEF	TTIFICATION UNDER THE PROVISIONS OF CAR 8		
D. ANYUAL INSPECTION FOR RENEWAL CF CERTIFICATE	e. 🗌 MULTI	PLE CERTIFICATE UNDER THE PROVISIONS OF CAR 8		
C. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE	r 🗆			
2. AIRWORTHINESS CLASSIFICATION (Cleat appropriate from	A.33	**************************************		
It is requested that the Certificate of Airworthiness be is worthiness classification(s):	ssued to pern	nit operation of the aircraft in the following air-		
STANDARD (NORMAL UTILITY, ACROBATIC, TRANSPORT CATEGORIES	SORIES			
b. LIMITED (SEE CAR 9)				
c. RESTRICTED (SEE CAR 8)				
(Check the restricted special purpose operation(s) to be conducted)	. 1994 - Sig			
AGRICULTURAL AND PEST CONTROL	□∗PATRO	I I TNC		
AERIAL ADVERTISING	· * = · .			
AERIAL SURVEYING		T AND WILDLIFE CONSERVATION		
	· = ·	ER CONTROL		
GLIDER TOWING	☐ OTHER			
d. Experimental				
(Check the type of experimental operation(s) to be conducted) ,				
RESEARCH AND DEVELOPMENT	☐ RACIN			
AMATEUR-BUILT	🗌 Ехніві	TRION		
DEMONSTRATION	C OTHER			
3. AIRCRAFT IDENTIFICATION (Complete all flame)				
J. ENGINE MAKE	ENGINE M	ODEL		
1 de la constante				
rett + Whitney	1.3	HOANI		
4. AIRCRAFT REGISTRATION INFORMATION (Complete all				
a. REGISTERED OWNER'S FULL NAME		T MAILING ADDRESS & AIRCRAFT NATIONALITY		
Frechanf trailer Co.		AND REGISTRATION MAI		
Triverious Prome	1,0,00	1208.		
	1			
5. AIRCRAFT OWNER'S CERTIFICATION (Cleat and complete a	ppropriate žem)			
I hereby certify that I am the registered owner (or heregistered* with the Civil Aeronautics Administration as reor 502 and when operated displays the following evidence	is agent) of t			
. A CERTIFICATE OF REGISTRATION, FORM ACA-SIO (PART A). DAT	K OF ISSUE	5-27-54		
b. APPLICATION FOR REGISTRATION FORM CA-500 (PART B). FO	DM ATA EM DA	UT & ENDWADERT TO CAS ATTOCHES TO COMME		
W-300 ON	nus nurrow, PA	ALL AL FORDARDED TO CAR AIRCRAFT REFORDS BRANCH.		
c. DEALER'S REGISTRATION CENTIFICATE, FORM ACA-1707, DATED				
"In order to be eligible for registration an aircraft must be owned by a citizen of the United States, as defined by Section I (13) of the Civil Aeronantics Act of 1938, as amended.				
ATTACHMENTS (Check which)	11	0		
ACA-019 WEIGHT AND BALANCE REPORT	HA	and to thollan		
ACA-137 DATA, DRAWINGS, ETC.	EXERCITE	S DE REGISTELES OWNER OR AUTHORIZED AGENT)		
	-2-55	1 1 11		
☐ ACA-317 ☐ UNAPPROVED DEVIATION DATA	(DATE)	1 1 morane		
T T	- A-TILL	f (***LL)		

JUN " 195

	RTMENT OF COMMER		
AIRCRAFT	INSPECTION REP	ORT	
(To be completed by a CAA	representative or app	roved repair station)	
The aircraft described in Item 3 on the reverse of this (Check and compete applicable dense)	s form has been inspect	ed and found to conform	to the following:
1. AIRCRAFT AND ENGINE CERTIFICATION BASE		ـ س <i>و</i> س	<u>•</u>
· · · · · · · · · · · · · · · · · · ·	HROUGH SHEET REVISION NO		
b. AIRCRAFT LISTING PAGE NO.	THROUGH CARD NO.	•	_
c. ☑ AIRWORTHINESS DIRECTIVE SUMMARY 27267 (YEAR) d. ☐ CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFIED)	FICATE)		
2. AIRCRAFT AND ENGINE OPERATING RECORDS	\$		3.34
. AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINTE	RANCE HISTORY		
8. 🖟 COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIREC	TIVES RECORDED	0042:21	
2. A AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEE	N OPERATED A TOTAL OF _	110411 GIOURS	
d. A ENGINE RECORDS INDICATE THE FOLLOWING OPERATION	ON:		
SERIAL NO. 9/42	TOTAL HOURS 000.0	34	
SERIAL NO. 328010	TOTAL HOURS 30:	27	A Property of
SERIAL NO.	TOTAL HOURS		in the light
Sentre IVV	TOTAL HODRS	The state of the s	
3. PREVIOUS INSPECTION RECORD (INSPECTION	RECORDED ON FOR	ACA-319)	
LAST AIRWORTHINESS INSPECTION CONDUCTED	5-2-33 (OUTE)		
BY AIRCRAFT MANUFACTURER			≥
BY APPROVED REPAIR STATION, CERTIFICATE N			
BY MECHANIC, CERTIFICATE NO			
b. № PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-3		5 7	5 W K
4. AIRWORTHINESS DOCUMENT'S ISSUED OR RE		-300 BAAN	; ω <u>π</u>
■ OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED	• • • • • • • • • • • • • • • • • • • •	00	}
b. CURRENT OPERATION LIMITATIONS, FORM AGA-509, IS E. CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AVA		,	
d. K. CURRENT WEIGHT AND BALANCE INFORMATION IS AVA		À	25
e. I THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRA		£	- G1
f. X CERTIFICATE OF AIRWORTHINESS, FORM ACA-1362, ISSU		2-56	
E. X FREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE	5-14-55	-(DATE)	
(NAME OF ISSUING REPRESENTATIVE)	Do La CITE 4 (DESIGNA	548 TION NO.)	
5. CAA APPROVED REPAIR STATION CERTIFICAT	ION		
The aircraft described on the reverse has been i	uspected under the aut	hority accorded certific	ated repair station
No by CAR 52 and was found t	o be:		
AIRWORTHY			
UNZIRWORTHY	REPAIR STATION AUTHORIZED SIG	NATUREY	(DATE)
6. CAA REPRESENTATIVE CERTIFICATION			
I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVER	RSE AND FOUND IT	WORTHY UNAIRWORTH (Check appropriate dem)	N
DESIGNEE'S SIGNATURE	DESIGNATION NO.	DATE	1
BIBarron	172	5-2-55	
AVIATION SAFETY AGENT'S SIGNATURE	CAA DESIGNATION NO.	DATE	ACCEPTED
Q. Q. Beretto	a-5	6-3-55	REINSPECTED SPOT CHECKED
- Crawa			STOT CHECKED

•		<u> </u>	ARTMENT OF CO	J_0_~651	Form ap	proved.
MAJO	R REPAIR AND ALTERATI	CIVIL AEF	CONAUTICS ADMINIS	TRATION	Budget 1	Buresu No. 41-R852.4.
1. AIRCRAFT	GRUMMAN		G-73	SERIAL NO.		AND REGISTRATION MARK
2. OWNER	MAME (First, middle, last) FRUEHAUF TRAILER COM TE ONLY FOR UNIT REPAIR	1 1		10940 HARPER DETROIT, MICHIG	AN	
	E ONLY FOR UNIT REPAIR	S MANUAL	18.	TIBE WORK ACCOMPL	7	
UNIT	MAKE		MODEL	SERIAL, NO.	MAJOR REPAIR	DF WORK (Check) MAJOR ALTERATION
4 AIRFRAME	***************************************	🖈 (As described	in item I above) ####	······		F
b. POWERPLAN	Pratt & Whitney	R-1340)-S3H1	P328010	v	1
c. PROPELLER					*** 3. A.	
∡ APPLIANCE	TYPE AND MANUFACTURER				1. 1 .5.11 1 15.1 11 15.1	
*AFTE	FWEIGHT AND BALANCE DA R the repairs and or alterations escribed below were made.	case of stalled	a spare component.	ted by repair or alterati it will not be complete his time, it will be comp	d until cuch a	ammanant in in
CATEGORY	EMPTY WEIGHT (Po	unds)*	EMPTY CENTER	OF GRAVITY (Inches from datum)* USE	FUL LOAD (Pounds)*
5. CONFORM	9797.25	4.14	13.53 Aft	of Datum	29	52:75
a. AGENCY'S NAME		CRECK)	& XIND OF AGENCY		e. CERTIFICA	TE NO.
Munic	rk Corporation ipal Airport ille, N. J.		☐ Foreign Cer ☐ Certificated ☐ Manufacture ☐ (Che was)		350 on p-	7
 I certify the attachment the information 	at the repair and/or alteration s hereto have been made in ac- tion furnished herein is true ar	n made to the cordance with all correct to	the best of my know	rledge.	d described on Civil Air Regul	the reverse or ations and that
	8, 1953 ir and/or alteration completed)	-	George	A. Mellor, 2 (Signature of authorized in	4476-40	A A E
Pursuant to trator and i	FOR RETURN TO SERVICE the authority specified below s	(Check and complethe unit iden	ete apprapriate items) tified in item 3 was			y the Adminis-
ÄAPP ☐ REJ	ROVED BY CAA Design CAA Avia	tion 🗌 Rep		nadian Department of The (Specify)	Fransport Inspe	ector of Aircraft
	approval or rejection)	F	George	Mellor,	n lifensification nu	milyer)
	d for engineering comment (Date)		ached memorandum	Spot Check	ked	(Date)
. (CAA	designation number)	$\sqrt{}$	~·	(Signature Aviation Safety	y Agent)	

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.

This engine has received a major overnaul with replacement parts manufactured by Pratt & Whitney or licensee.

Two each SB9RN Magnetos

L.H. 192612

R.H. 192542

One each NAY9RI Carburetor S/N 5826317

All steel parts were Magnafluxed.

Total time on this engine 1529:55. The data plate has been stamped in a coordance with C.A.A. Engine Specifications.

This engine has not been tested by Airwork Corporation.

The following Pratt & Whitney Service Bulletins were complied with:

	~			-				Association and the second
+ UU.		497	RB	619 F	RA.	767	RA	11F-44
412	90	3511		621 642 F	er na este K	7 70 0 789]	RT.	1118 23F-45
433 <u>−</u> 455⊃		문학 528 분 754 0		682	LAL	795		36F-49 .
468	-	598		683		797	د دود استانه وه سال د دو موردها دودردها د	1175 RA
482		= 601		723 F		977 1000	P.C	Transport
484 RA	المسائل الم	<u>=</u> 609	RC	765 I	Ψ.	1000	110	در این استان استان میشود. اما این

This engine has been inspected every thirty days for evidence of rust and corrosion.

This does not include installation.

Installed right position N-1208

3/30/55

Harry Hoya 17426

"If additional space is needed attach addition Check block if additional sheets are attached.

MAIO	D DEDAID ALTE	CIVIL AE	PARTMENT OF C	ISTRATION		roved. ireau No. 41-R052.4
1. AIRCRAFT	MAKE	TAIIUN FURM	(AIRFRAME, F	POWERPLANT, PROPE		PLIANCE) ND REGISTRATION MAR
1900 1900	NAME (FIRE LIFE AND	- 11 	- G-73	ADDRESS (Street day Ser, city,	···· #3.20	<u> </u>
2. OWNER	4			10940 HARPE		
	PRUSHAUF TRA	TI DO AKD		DETROIT, MI	æ	
3. COMPLET	E ONLY FOR UNIT RE	PATRED AND OF	ALTERED, DES	CRIBE WORK ACCOMP	LISHED ON RE	VERSE IN AC
					- -	
UNIT	MAKE		MODEL	SERIAL NO.	MAJOR REPAIR	WORK (Check)
a. AIRFRAME	***************************************	NOODO (As describe	d in item I above) ##	*************		
6. POWERPLANT				iner electric	XXXXX	XXXXX
e PROPELLER						
	TYPE AND MANUFACTURES					
APPLIANCE						
*AFTE	FWEIGHT AND BALANC R the repairs and/or alteration escribed below were made.	case of	in an aircraft. A	pleted by repair or alterat nt, it will not be complete t this time, it will be comp	ad until ough as	lowever, in the mponent is in- stalling agency,
CATEGORY	EMPTY WEIGH	T (Pounds)*	EMPTY, CENTE	R OF GRAVITY (Inches from datum)* USEF	L LOAD (Pounds)*
STANDA	RD 9707 9	F				
	ITY STATEMENT (Comple	le and check)	-13.	53		52.75
AGENCY'S NAME	AND ADDRESS	-	& KIND OF AGENCY	7	c. CERTIFICATI	E NO.
ABRO	TRADES INC.		U. S. Cert	ificated Mechanic.		
MAC A	RTHUR AIRPOR	P	1	ertificated Mechanic.		
RONKO	WROMA, L.I.,	H.Y.	Manufacti	ed Repair Station.	-	115
	*		, —	urer. heck if repair or alteration	on	
		2 -	wa tio	s made under delegation o n procedures.)	p-	
 I certify the attachment the information 	at the repair and/or alter s hereto have been made i tion furnished herein is tr	ration made to the n accordance with ue and correct to	ne unit(s) identifie h the requirement the best of my kn	d under item 3 above and s of Part 18 of the U.S. Cowledge.	d described on Civil Air Regula	the reverse or tions and that
3-23-			JOSEPH	la la	ed R	Test_
Pursuant to trator and is	FOR RETURN TO SERV the authority specified be s	ICE (Check and comp	iele appropriate items) ntified in item 3 w	as inspected in the manne	er prescribed by	the Adminis-
 ▼ APP	ROVED CAA I	Designee [7] Mr.	nufacturer []	C	$_{\perp}$.4 1.
REJ) BY {			Canadian Department of T Other (Specify)	ransport Inspec	tor of Aircraft
3-2	3-55		JOSE.	DE DESTRUCTION	KKI	STEUR ALT
(Date of	approval or rejection)	<u> </u>		re of authorized individual; title o	or identification num	SPECTOR ber)
	IPLETED ONLY BY CAA					
☐ Forwarded	d for engineering comment		tached memorand			
☐ Accepted	(Date)	Reinspected.	(Date)	Spot Check	ked	(ate)
\sim	· · · · · · · · · · · · · · · · · · ·			200	0	·····.)
11 000	designation number			-UTToo	لاو	
() - 32				(Signature Aviation Safet)	Agent)	

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 ts preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

INSTALLED HYDRAULIC POOT BRAKES IN CO-PILOTS POSITION IN ACCORDANCE WITH GEAC BLUEPRINT NOS. 109250 THROUGH 109258.

INSTALLED COMPLETE WINDSHIELD, PROPELLER AND CARBURETOR ANTI-ICING SYSTEMS. INSTALLED IN GENERAL ACCORDANCE AS APPROVED ON GRUMMAN 073, N2978, SERIAL NO. J-45 ON 12-18-53.

INSTALLED LANDING GEAR WARNING SYSTEM FOR OPERATION OF AIRCRAFT WITH-OUT WING PLOATS AS LAND PLANS. INSTALLATION IN GENERAL ACCORDANCE WITH GENERAL MOTORS DRAWING \$171105 AS APPROVED ON GRUMMAN G-73, N5118, APRIL 4, 1853.

REWORKED INSTRUMENT LIGHTING TO CUSTOMERS SPECIFICATIONS.

INSTALLED WESTON D-117682 PLUSH TYPE TEMPERATURE BULB IN BOTTON HULL, LEFT SIDE AFT OF MAIN STEP.

RE-UPHOLSTERED AND PAINTED COCKPIT AND PASSENGER COMPARTMENT TO CUSTOMERS SPECIFICATIONS.

WATER CHECK HULL AND WING PLOATS AND SEALED AS NECESSARY. LANDING GRAN RETRACTION CHECK AND GREASED LANDING GEAR. REVEIGHED AZRCRAFT.

RECEIVE APR 19 | 20 PAPPING RECORDS B

E HOLLING THE SECOND SECOND

*II 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. S. COVERNMENT PRINTING OFFICE. 10-54010-4

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A. T. TH

A STATE OF THE STA

PHONE: RONKONKOMA 9-8036



GOVERNMENT APPROVED STATION No. 115

VETOER AND BALANCE

GRUNHAN MALLARD B1208, BERIAL NUMBER J-44, OWNED BY THE PRUEHAUP TRAILER COMPANY WAS VEIGHED IN THE AERO TRADES INC. HANGAR ON MARCH 22, 1955. THE FUEL WAS DRAINED AND OIL WAS UP TO A TOTAL OF BIGHT GALLONS. THIRTERN GALLONS OF ANTI-ICING FLUID WERE ON BOARD. THE AIRCRAFT WAS WEIGHED IN PLIGHT LEVEL ATTITUDE ON THREE ELECTRIC UNITS OWNED BY AERO TRADES AND LAST CALIBRATED ON SEPT. 14, 1954.

1. ACTUAL WEIGHING AND DETERMINATION OF C.G. REACTIONS-RIGHT WEEZL 4350LBS.

LEFT WHEEL

4390 " 1185

NOSZ JACK OHT AB WEIGHED

9545LBB.

EMPTY WEIGHT AS WEIGHED

D= 144.518s.

A. C.G. INS. PUD OF MAIS WHEEL CENTER LINE 1185 x 144.5 = 17.22INCES.

R. C.G. INS. FORWARL OF REAR PACE HAIN BEAMS 4-C: 17.22-3.88: 13.40"

 C_{∞} c.g. ins. Aft of repersuce catum-235.65"-13.40= 220.25inches.

2. CORRECTIONS POR EMPTY WEIGHT

AS WEIGHED LIBS OIL RIGHT GALLOWS	9945.00 - 60.00	220.25 + 212.0	21.90386.25 - 12720.00
LESS ANTI-ICING FLUID 130ALS. AT 6.75LBS.	- 87.75	+ £40.0	- 21060.00
HEW EMPTY WEIGHT	9797.25		215 6606. 25

A. EMPTY WEIGHT C.G. APT OF REFERENCE DATUM

2156608.25 = 220.12IBCHES.

B. C.G. FORWARD OF STA. 233.65 OR CAA DATUH. 253.65-220.12"= 13.53".

C. HEW USEFUL LOAD-12750-9797.25LBS. 2952.75LBS.

JOSEPH A. ETZEL

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-81

RECEIVED
APR 19 1 20 PH '55.
ADMIN. & RECORDS DRANCH

)			Form appro	wed.
•		CIVIL AERO	RTMENT OF COM NAUTICS ADMINIST	RATION		resu No. 41-R052.4.
MAJO	R REPAIR AND ALTERATI	ON FORM (AIRFRAME, PO	WERPLANT, PROPEL		
1. AIRCRAFT	MAKE	, MO:	CEL.	SERIAL NO.	NATIONALITY AN	D REGISTRATION MARK
	NAME GROTESTAND		G-73 ADD	RESS (Street and Ramber, city, 100	ne and State)	9
2. OWNER			1	0940 HARPER	þ	
	PROEBAUP, PRAT	LER CO.				
3. COMPLE CORDAN	TE ONLY FOR UNIT REPAIR ICE WITH CIVIL AERONAUTI	ED ANDOR A	LTERED. DESCR	IBE WORK ACCOMPLI	SHED ON RE	VERSE IN AC
' - UNIT	MAKE		MODEL	SERIAL NO.	NATURE OF MAJOR REPAIR	WORK (Check)
	-8	<u> </u>			MAKIR REPAIR	ACOR ACTERATION
a. AIRFRAME	***************************************	🍂 (As described i	n izem I above) 0000	*********	4 4 F	22
b. POWERPLAN	π			•		44
c. PROPELLER					-	
· · · ·	TYPE AND MANUFACTURER					
\PPLIANCE	. 4.4.					
	T WEIGHT AND BALANCE C ER the repairs and/or alterations described below were made.		spare component n an aircraft. At	ted by repair or alterati ii will not be complete this time, it will be comp	d until such co	However, in the omponent is installing agency,
. CATEGOR	EMPTY WEIGHT (I			OF GRAVITY (Inches from datum)	• USEF	FUL LOAD (Pounds)*
			• 2.4		ŧ	
BTANDA	9877-6	-	13.18 s	WD OF DATUM	30	72.5
	MITY STATEMENT (Compiete ex	d check)			-,	
. AGENCY'S NA	AME AND ADDRESS	<u> </u>	b. KIND OF AGENCY		e. CERTIFICA	TE NO.
	· · · · · · · · · · · · · · · · · · ·		1 —	ficated Mechanic.		
	RADES INC.	· .		Repair Station.		•
	RTHUR AIRPORT IKOKA, NEW YORK		Manufactu	rer.	115	,
AUHAUH	mone, see some		□ (Cl.	leck if repair or alterati made under delegation of	on	4
			<u> </u>	procedures.)	<u></u>	<u> </u>
ettechme	that the repair and/or alteratents hereto have been made in mation furnished herein is true	accordance with	i the requirements	of Part 18 of the U.S.	d described or Civil Air Regul	the reverse or lations and that
4 100.00	R 105A			JOSEPS S.	Chel	£
439	par and/or seramon (marmeted)		- 5002	Committee in sections	individual	<u> </u>
6. APPROV Pursuant trator an	AL FOR RETURN TO SERVIC to the authority specified below to is	E (Check and comp w the unit iden	lete appropriate items) " ntified in item 3 w	as inspected in the mann	ner prescribed	by the Adminis-
	PPROVED \ CAA De	signee [] Ma	anufacturer []	Canadian Department of	Transport Insp	ectore Alferia
T F	REJECTED BY CAA A	riation 🔲 Re	pair Station 🗌	Other (Specify)	101	TIND IN THE
	-		e de la companya de l	resell	D. C	KONEOVERAL F F
	ver 6, 195 <u>4</u>	•		REPAR ATTENDED AND AND ADDRESS OF SUCH PROPERTY OF SUCH P	or identification in	INSPECTO
	te of approval or rejection) COMPLETED ONLY BY CAA F	ERSONNET	(Signati	Lear suchorned survidual; ner	suchinession i	J.
	rded for engineering comment	<i>E</i>	ttached memorand	um.,	•	
b. Accep	oted 7 /2 5 4	☐ Reinspected		Spot Che	ecked	(Date)
in a	ant	**3		RYPou	(L)	· ·
7 0	C.A designation number)	ALIC CO)res	(Signature Aviation Sal		orm ACA-337 (4-52
₩ 1654010-4		AUG 11	725 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 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.

INSTALLED WATER RUDDER-ACCORDING TO GRUNNAN BLUE PRINT NOS. 106900 106901, 106902, 106904, 106905, 106906, 106907, 106908 AND 107585. 106900. INSTALLATION BANE AS INSTALLED AND APPROVED ON ESSO MALLARD N2973. DECEMBER 29, 1952. WEIGHT INCREASE 32LBS. AT 4475.

100 HR. INSPECTION ON AIRFRANE AND L/R ENGINES. CHANGED LORD MOUNTS ON L/R ENGINES.

REPLACED HYDRAULIC PLEY LIBES OF MAIN LANDING GRAR RETRACT CY-LINDERS.

REPLACED LEFT LANDING GRAB DOWN LOCK PLEY LINE. LEFT LANDING GEAR DESHPOT OVERHAULED AND REINSTALLED.

REPLACED BRAKE DISCS ON L/R BRAKES.

REPLACED BRAKE BISCUIPS OF LEFT BRAKE.

REPLACED ALL BRAKE ANTI-RATTLE SPRINGS.

REPAIRED TWO LOWER RIGHT WHEEL WELL DOORS.

REPAIRED LEFT LOWER WHEEL DOOR.

REPLACED UPPER BOLTS ON LEFT AND RIGHT LANDING GEAR RETRACT STRUTS

RERIGGED LEFT MAIN AND NOSE WHEEL WELL DOORS.

REPLACED HICRO SWITCH DUST COVER BOOTS OF ALL LANDING GEARS.

REPLACED BUSHING ON LEFT LOWER LANDING GEAR DOOR.

INSTALLED NEW STOP PLATE OF REAR OF LEPT WHEEL WELL FOR LOWER DOOR.

INSTALLED NEW MOSE WHEEL BEARINGS AND RACES.

REPLACED RIGHT MAIN INNER WHEEL BEARING.

REPLACED LANDING GEAR VEHT AND DUMP VALVE.

IESTALLED REINFORGEMENT BRACES ON INBOARD AND OUTBOARD ENDS G

MACELLES.

CHA " Have

INSTALLED REINFORCEMENT PATCHES ON INBOARD UPPER MACELLE FORMERS.

REPAIRED LOOSE RIVITS IN HULL AND WINGS AS NECESSARY. BOTH L/R REAR SECTIONS OF BUDDER CABLES REPLACED.

CENTER SECTION OF RIGHT AILERON CABLE REPLACED. OUTBOARD SECTIONS OF LEFT CARBURETOR HEAT CABLES REPLACED.

OUTBOARD SECTION OF LEFT PROP CABLE REPLACED.

REAR OUTBOARD SECTION OF LEFT THROTTLES CABLE REPLACED.

REAR OUTBOARD LEFT MIXTURE CABLE REPLACED.

BOTH REAR SECTIONS OF RIGHT CARBURETOR HEAT CABLES REPLACED.

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(con's)

[&]quot;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.

PAGE 2 (com's.)

CRUMMAN G-73 N-1208

WEIGHT

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HOMENT

4.

PREVIOUS ADDED WATER 9655.6

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FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-23-81

ПЕСЕГИЕО Auc 23—10 39 ЛН 154 Дэнн в песенов в видион

1. AIRCTAFT	R REPAIR AND			MODEL	SERIAL NO.		NATIONAL	ITY AND REGISTRATION
I. AIRC, AFT	Grumman			6-73	J-44		1/29	72 720%
2. OWNER	Beldex Co		ion	A	Lambert St. Loui	Field		ri.
3. COMPLET CORDANC	E ONLY FOR UNI	T REPAIR	ED ANDO	R ALTERED. DESC				
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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 criginal 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. All fabric control surfaces recovered using grade A fabric and skylac dope.

Aircraft repainted.

3. Right rudger cable in tail section replaced.

4. One Collins 185 transmitter removed.

5. Aircraft weighed and new weight * balance ec.

Nose wheel 950 lbs.
Right wheel 4380 lbs. with oil
Left_wheel 4400 lbs.

Distance from Centerline nose-wheel to Centerline main gear is 178.062 inches.

950 X 178,062 - 169158,90 - 17,38

Distance from Centerline main gear to rear face main spar is 3,875 inches.

27.38 - 3.875 = 13.505 inches forward of rear face main spar or 220.145 aft of nose reference datum.

CORRECTION FUR DIL

Ttem Wt. Arm Moment

Aircraft as 9730 880.145 2142010.950 weighed

o11 <u>-97.5</u> 213 <u>- 20670</u> 2121340.85

280.23 new C.G.

9632.5) 2121340.85

For loading schedule see loading schedule.

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

Check block if additional sheets are attached.

. S. SOVENBERG PRINTING OFFICE 16-84010-

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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.

Replaced with factor; supplied P/N 106081-R Wing Slot Assembly and P/N 106003-4. Wing Skin on leading Edge of Right Wing between Sta. 317 and Station 394. Supplied and installed new plexiglas navigation light cover on right wing tip.

-Fabricated and installed one set of Spray Shields along L/R Chines between hall Stations No 41 and 180, shields are similar to installation on Texaco 0-73 N-1628 Dec. 23, 1953.

Statically water tested hull and repaired leaks as necessary, installed all new Drain Plug Flanges and Plugs throughout.

Re-rigged Anti-Squat Strut Mechanism Cable.

Installed new seals in right firewall oil shut-off valve.

Installed new rubber bumpers on 4/R LANDING GEAR DASHPOTS.

Installed Manhold handle on Left sied of Hull.

RETRACEION CHECK & READVISTED INDICATOR SWITCHES. F THE Previous 250m \$ \$ \$ 9632.5 Moment 220,27 2121340.85 Added Sprea Shields 208 New Baty Wt 9655.5 **219.96** New Empty C.G. 9655.5

> 12750 - 9655.5 3094.5 New Useful Load

233.65 CAA Datum Datum From Nose Ref. . C.G. Fed of CAA Datum.

If additional space is needed attach additional a Check block if additional sheets are attached.

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	Adminis			eppropriate temp	(Check and complete the unit iden	R RETURN TO SERVICE	L FOR F	6. APPROVA Pursuant t
APPROVED BY CAA Designee Manufacturer Canadian Department of Transport Inspector of CAA Aviation Rejected CAA Aviation Repair Station Other (Specify)	f Aircraft	port Inspector of Air	-	ufacturer	mee 🔲 Ma tion 🖪 Rep nt	ED BY \ \begin{aligned} \Box CAA Designed CAA Avia Safety Age	PROVED	I API
(Date of approval or rejection) Chief Insp. (Signature of authorized individual; title or identification number)		diffeation number)	authorized individual; title or ide					4/2 / (Daile
7. TO BE COMPLETED ONLY BY CAA PERSONNEL		•	. •	• •	SONNEL	€		
Forwarded for engineering comment See attached memorandum Accepted S Reinspected Spot Checked (Date) (Date) (Date) (Date)	<u></u>	(Date)				K-1-W -	—	
(CAA designation number) (CAA designation number) (Signafure Aviation Safety Agent)		lse.	Much	68		57-/>	-ر د	100

6-54010-4

Form 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, 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.

The following changes were made in this aircraft:

- I. Removed right and left wing tip floats wt. 120 lbs. at station 140 inches.
- II. Paired in step area of hull by construction a super structure as follows:
 - (a). At each station of the lower rear hull from the step aft were bolted B 24 r m x .040 forming ribs which were formed to continue the conture and lines of the forward hull.

 (b) Each former, rib was notched and angle ching added to attach
 - (b) Each former rib was notohed and angle chips added to attach 33-1-1/8" x 1/4" spruce stringers. The spacing of stringers is
 - (c) Proper tacking strips were attached at the junction of the hull structure to terminate the fabric covering.
 - (d) Over this super structure was tacked a blanket of Grade A fabric and this was lock-stitched over ‡ reinforcing tape every on the convex surface and every ½ inches on the concave area under the chipe. The stitches were stagered so that the spacing would be 4 apart.
 - (e) This fabric covering was brushed doped and necessary pinked tapes and grommets installed. Fabric filled and silver doped and finished with synthetic enamel.
 - and finished with synthetic enamel.

 (f) The step vent openings in the right and left wheel wells were covered with aluminum plates to prevent any air flow to the inside of above added fairing.
 - of above added fairing.

 (g) A supplement note was added to the flight manual to prevent water operations and the pilots compartment placarded as follows: Note: With wing tip floats removed and super structure inetall on step this aircraft will be used for land operations only.

 (h) The following weight and balance compution is for float removal and step fairing added.

ITEM	<u>m.</u>	ARM	HOWENT
Aircraft E. Step Fairin		220.2 310. 140.	2102910 6200 -27000
New E. F.	9450	220.3	2082110
→ 18" ♣"	-13.35° 3300		

*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. S. COSTABLEST PRINTING OFFICE 10-54010

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· · · · · · · · · · · · · · · · · · ·	INSTRUCTIONS
APPLICATION FOR AIRWORTHINESS CI AND/OR ANNUAL INSPECTION OF AN	ERTIFICATE AIRCRAFT Please print or type. Submit this form Civil Aeronautics Administration Aviation Field Representative.
1. TYPE OF APPLICATION (Check which)	Active Representative.
A. OPIGINAL ISSUANCE OF CERTIFICATE	
b. ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE	d. TRECERTIFICATION UNDER THE PROVISIONS OF CAR 8
c. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICA	
 AIRWORTHINESS CLASSIFICATION (Check appropriate It is requested that the Certificate of Airworthiness worthiness classification(s): 	r #cm(s)) be issued to permit operation of the aircraft in the following
STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT (b. LIMITED (SEE CAR 9)	CATEGORIES)
G. RESTRICTED (SEE CAR 8)	A ID
(Check the restricted special purpose operation(s) to be conducted)	
AGRICULTURAL AND PEST CONTROL	
ARRIAL ADVERTISING	PATROLLING
	FOREST AND WILDLIFE CONSERVATION
AERIAL SURVEYING	☐ WEATHER CONTROL
GLIDER TOWING	☐ OTHER
d. Experimental	Ware ?
(Check the type of experimental operation(s) to be conducted)	
RESEARCH AND DEVELOPMENT	□ RACING
AMATEUR-BUILT	☐ £XHIBITION
☐ DEMONSTRATION	☐ OTHER
3. AIRCRAFT IDENTIFICATION (Complete all items) a. AIRCRAFT MAKE	
d. Eligine Make	G-73 J-44
	a ENGINE MODEL
Pratt & Whitney	Q-44 R1340-51-AN1
Pratt & Whitney	R1340-51-AN1
Pratt & Whitney L. AIRCRAFT REGISTRATION INFORMATION (Complete REGISTERED OWNER'S FULL NAME	C. ENGINE MODEL R1340-51-AN1 CALLETTICAL R. AIRCRAFT NATIONALE D. PERMANENT MAILING ADDRESS C. AIRCRAFT NATIONALE
Pratt & Whitney L. AIRCRAFT REGISTRATION INFORMATION (Complete REGISTERED OWNER'S FULL NAME	D-44 R1340-51-AN1 all terms) b. Permanent mailing address c. Aircraft national in and registration means are registration means and registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and registration means are registration means and r
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Pratt & Whitney L. AIRCRAFT REGISTRATION INFORMATION (Complete REGISTERED OWNER'S FULL NAME Beldex Corporation	D. PERMANENT MAILING ADDRESS Lambert Field St. Louis 21, Missouri
Pratt & Whitney A AIRCRAFT REGISTRATION INFORMATION (Complete REGISTERED OWNER'S FULL NAME Beldex Corporation AIRCRAFT OWNER'S CERTIFICATION (Complete)	Lambert Field St. Louis 21, Missouri
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Pratt & Whitney 4. AIRCRAFT REGISTRATION INFORMATION (Complete a. REGISTERED OWNER'S FULL NAME Beldex Corporation 5. AIRCRAFT OWNER'S CERTIFICATION (Cack and complete I hereby certify that I am the registered owner (or registered* with the Civil Aeronautics Administration a or 502 and when operated displays the following evident a. CERTIFICATE OF REGISTRATION, FORM ACA-500 (PART A). D B. APPLICATION FOR REGISTRATION, FORM ACA-500 (PART B). W-300 ON March 25, 1954 c. Dealer's Registration Certificate, FORM ACA-1707, DATI In order to be elimible for registration an aircraft must be owned by a citizen of the United States, as defined by Section 1(13) of the Civil Aeronautics Act of 1908, as amended. TTACHMENTS (Cacca waica) WEIGHT AND BALANCE REPORT ACA-319 WEIGHT AND BALANCE REPORT	R1340-51-AN1 Lambert Field
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Form ACA-305 (11-51)

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		ARTMENT OF COMME		
(<i>To</i>)	AIRCRAFT se completed by a CAA	INSPECTION RE		n)
The aircraft described in Ite	m 3 on the reverse of thi	s form has been inspec	ted and found to con	orm to the following:
(Check and complete applicable items) 1. AIRCRAFT AND ENGINE AIRCRAFT SPECIFICATION		is Hrough Sheet Revision K	10. <u>#</u>	
b. AIRCRAFT LISTING PAGE	VE SLIMMARY 1958	THROUGH CARD NO.	54-9	
d ☐ CIVIL AIR REGULATION F	(YÉAR) PART 8 (MODIFIED TYPE CERT	TFICATE)		
2. AIRCRAFT AND ENGINE				
AIRCRAFT NEW-NO PRET				
E. A AIRCRAFT RECORDS INDI		the second secon	1934:00 но	URS
d. 🔀 ENGINE RECORDS INDICA		ON:		光度的 身体。19
L SERIAL NO. 911		TOTAL HOURS 811:1	15	•
R SERIAL NO. 328	040	TOTAL HOURS 1263	:45: <u> </u>	
SERIAL NO.		TOTAL HOURS		≥ 2≈
SERIAL NO.		TOTAL HOURS		
3. PREVIOUS INSPECTION	RECORD (INSPECTION	RECORDED ON FOR	M ACA-319)	်းမှ ယ 💯 💛
a. LAST AIRWORTHINESS INSPE	ECTION CONDUCTED $5-1$	4-54		
BY AIRCRAFT MAN	UFACTURER	(DATE)		
EY APPROVED RET	PAIR STATION, CERTIFICATE N	io.		5g S_ ≤ 1
BY MECHANIC, CE	RTIFICATE NO. A&E10	41512		
LE PERIODIC AIRCRAFT INSI	PECTION REPORT, FORM ACA-	319 WAS RETURNED TO OW	NER	
4. AIRWORTHINESS DOCU	MENTS ISSUED OR RE	VIEWED		-
. OPERATION LIMITATIONS	S, FORM ACA-309, WAS ISSUED	(COPY ATTACHED)		
b. CURRENT OPERATION LI	· ·			
c. A CURRENT APPROVED AIR	PLANE FLIGHT MANUAL IS AV	ALLABLE IN AIRCRAFT		
4. X CURRENT WEIGHT AND E				
e. K THIS INSPECTION HAS BE	EN RECORDED IN THE AIRCR	AFT RECORDS		
f. K CERTIFICATE OF AIRWOR	THINESS, FORM ACA-1362, ISS	HED TO EXPIRE MAY	14, 1954	
g. K PREVIOUS FORM ACA-135		7-16-54	(DATE)	
BY Albert J.		(DATE) 169	HATION HO.)	
5. CAA APPROVED REPAIR	E OF ISSUING REPRESENTATIVE)		OT DATE HOLD	
			thadto accorded on	tificated topole station
The aircraft described on No by	c CAR 52 and was found		Ithorny accorded ter	uncased repair season
AIRWORTHY	CAM DZ BIIU WAS IOULU	<i>w b</i> c.		
UNAIRWORTHY		ing the Life but t <u>he c</u>	<u> </u>	<u>ina milangga</u>
		(REPAIR STATION AUTHORIZED S	IGNATURE)	(DATE)
6. CAA REPRESENTATIVE	CERTIFICATION	L		
I HAVE INSPECTED THE AIRCR	AFT DESCRIBED ON THE REVE	RSS AND FOUND IT	IRWORTHY UNAIRW (Check appropriate them)	YHTRIC
DESIGNEE SIGNALIRE	2/3/2/2	DESIGNATION NO.	DATE	
Arthur F. DeSa	Ime 7	-548	5-14-54	
. AVIATION SAFETY AGENTS S	IGNATURE	CAA DESIGNATION NO.	DATE	ACCEPTED
BIE	2 11	era. a	7-26-5	# RE:NS.FECTED

S. S. SOVERNMENT PRINTING OFFICE 15 00837

Form ACA-895a (11-51)

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CIVIL AERONAUTICS ADMINISTRATION			udget Bureau No. 41-Ró41.5.
		INST	RUCTIONS
APPLICATION FOR AIRWORTHINESS CERT	TIPICATE	Please print or type.	Submit this form to the
AND/OR ANNUAL INSPECTION OF AN AI	DCDAPE	Civil Aeronautics Adr	inistration Aviation Safety
AND ON MINICAL LAST ECTION OF AN AL	RURAFI	Field Representative.	The state of the s
TYPE OF APPLICATION (Check which)			
. ORIGINAL ISSUANCE OF CERTIFICATE			
b. ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE		TIFICATION UNDER THE PR	
		PLE CERTIFICATE UNDER TI	E PROVISIONS OF CAR 8
* c AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE	r 🗆		
2. AIRWORTHINESS CLASSIFICATION (Check appropriate ter	m(e))		
It is requested that the Certificate of Airworthiness he	issued to perm	it operation of the size	raft in the following sin
worthiness classification(s):		ar sportanen or the mile	ant in the following an-
a E STANDARD (NORMAL, UTILITY, ACROBATIC, TRANSPORT CATI	EXTRIES		
b. LIMITED (SEE CAR 9)	Cooling)		
c. RESTRICTED (SEE CAR 8)			
(Check the restricted special purpose operation(s) to be conducted)			
AGRICULTURAL AND PEST CONTROL	☐-PATRO	1 ture	
AERIAL ADVERTISING			
AERIAL SURVEYING		AND WILDLIFE CONSERVAT	IUN
GLIDER TOWING		R CONTROL	
d. Experimental			
(Check the type of experimental operation(s) to be conducted)			
RESEARCH AND DEVELOPMENT			
AMATEUR-BUILT	. 🔲 RACING		
DEMONSTRATION	☐ EXHIBI	TION	
LI DEMORSTRATION			함께 발생하는 것 같은 것이다.
AIRCRAFT IDENTIFICATION (Complete all items)			
a. AIRCRAFT MAKE b. AIRCRAFT MODE			
L. AIRCIDE'S ROOM		c AIRCRAFT	ERIAL NO.
Gruman G-73		•	pp.
	7-		44
A PREINF MAKE			
d. ENGINE MAKE	e ENGINE MO	DEL	
Pratt & Whitney	R-13	per	
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CIVIL AERCI AIRCRAFT (To be completed by a CAA		RT ved repair station)	
The sirctaft described in Item 3 on the reverse of this (Check and complete applicable firms) 1. AIRCRAFT AND ENGINE CERTIFICATION BASIS 2. AIRCRAFT SPECIFICATION NO. 4-783 TH. 3. AIRCRAFT LISTING PAGE NO. 4. D. AIRCRAFT LISTING PAGE NO. 5. AIRCRAFT LISTING PAGE NO. 6. D. AIRCRAFT LISTING PAGE NO. 7 (YEAR) 1. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CERTIFICATION) 2. AIRCRAFT AND ENGINE OPERATING RECORDS	GIROUGH SHEET REVISION NO THROUGH CARD NO FICATEY	and found to conform t	e the following:
a. AIRCRAFT NEW—NO PREVIOUS OPERATION OR MAINTEN b. COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRECT c. AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS BEEN d. Engine Records indicate the following operation serial no. 9114 Serial no. 328040 Serial no. Serial no.	TIVES RECORDED N OPERATED A TOTAL OF 18		
3. PREVIOUS INSPECTION RECORD (INSPECTION LAST AIRWORTHINESS INSPECTION CONDUCTED BY AIRCRAFT MANUFACTURER BY APPROVED REPAIR STATION, CERTIFICATE NO. BY MECHANIC, CERTIFICATE NO. ASS 176 B. PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA-3	-53 (DATE) 61-10	N. & RECORT	RECEIVED
4. AIRWORTHINESS DOCUMENTS ISSUED OR REV DOPERATION LIMITATIONS, FORM ACA-309, WAS ISSUED DOCUMENT OPERATION LIMITATIONS, FORM ACA-309, IS COURRENT APPROVED AIRPLANE FLIGHT MARVAL IS AVA COURRENT WEIGHT AND BALANCE INFORMATION IS AVA THIS INSPECTION HAS BEEN RECORDED IN THE AIRCRA COURTER OF AIRWORTHINESS, FORM ACA-142, ISSUED TO PREVIOUS FORM ACA-132 WAS ISSUED TO EXPIRE BY Allbort J. Jankson (NAME OF ISSUING REPRESENTATIVE)	(COPY ATTACHED) AVAILABLE IN AIRCRAFT AILABLE IN AIRCRAFT ILABLE IN AIRCRAFT UFT RECORDS	(0.1.9.5)1 (0.1.2.5)1	L
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\$ 8. S. GOVERNMENT PRINTING OFFICE 16-60837-

Form ACA-895a (11-51)

AIRCRAFT	MAKE Grandelle, last)	RATION FURM	MODEL 6-73	SERIAL NO. SERIAL NO. SESS (Street and number, city, 20	NATIONALITY AND STANDARD	ID REGISTRATION MAP
2. OWNER	R. H. Hellingthes	्रा स्		540 Geoper Bt.		er Jersey
COMPLET CORDANG	E ONLY FOR UNIT RE	PAIRED AND/OF AUTICS MANUAL	R ALTERED. DESCRI	BE WORK ACCOMPLI	خشنیت حصر	
UNIT	MAKE		MODEL	SERIAL NO.	MATURE OF MAJOR REPAIR	WORK (Check)
L AIRFRAME	***************************************	(As describ	d in item I above) \$6000	••••••		
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. PROPELLER	4.			7 10 10 2		= = .
. APPLIANCE	TYPE AND MANUFACTUR	RER				
	 WEIGHT AND BALAN R the repairs and/or alterati lescribed below were made.	one case o	f a spare component.	ed by repair or alteration will not be completed it will be comp	d until such co	omponent is in
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VORM F		.4.	-13	.45		3199.6
. CONFORM	TITY STATEMENT (Com	plete and check)				
AGENCY'S NAM			6. KIND OF AGENCY	<u></u>	c. CERTIFICAT	TE NO.
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FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-81

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 intermation to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.

Inspection of R-1340-51-AMl engine, serial number 9114, three (3) cylinders removed due to rust, cylinders honed to plus .010, second and third compression rings replaced. Engine reassembled, tested and preserved.

MAR 25 19 24 PH "53 ADMH. & RECORDS BRANCI

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

Check block if additional sheets are attached.

W-300

	Form Approved. Bud	get Bureau No. 41-R041.5.
U. S. DEPARTMENT OF COMMERCE CIVIL AERONAUTICS ADMINISTRATION APPLICATION FOR AIRWORTHINESS CERTIFICATE APPLICATION FOR AIRWORTHINESS CERTIFICATE	Please print or type.	CCTIONS Submit this form to the histration Aviation Safety
AND/OR ANNUAL INSPECTION OF AN AIRCRAFT	Field Representative.	
1. TYPE OF APPLICATION (Check sphick)		
	ERTIFICATION UNDER THE PROV	
b. ANNUAL INSPECTION FOR RENEWAL OF CERTIFICATE	LTIPLE CERTIFICATE UNDER THE	PROVISIONS OF CAR 8
c. AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE L		
 AIRWORTHINESS CLASSIFICATION (Check appropriate term(s)) It is requested that the Certificate of Airworthiness be issued to p worthiness classification(s): 	ermit operation of the aircra	off in the following air-
. 3 STANDARD (NORMAL UTILITY, ACROBATIC, TRANSPORT CATEGORIES)	4	1
b. LIMITED (SEE CAR 9)		
€ ☐ RESTRICTED (SEE CAR 8)		
(Check the restricted special purpose operation(s) to be conducted)		1917
AGRICULTURAL AND PEST CONTINOL	FROLLING	on i
AERIAL ADVERTISATIO	REST AND WILDLIFE CONSERVATI	ON .
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☐ GLIDER TOWING	HER	
d. EXPERIMENTAL		
(Check the ty;) of experimental operation(s) to be conducted)	.crnc	
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AMATEUR-BUILT	4 a.z.	
DEMONSTRATION		
3. AIRCRAFT IDENTIFICATION (Complete all tierns)		
a. AIRCRAFT MAKE b. AIRCRAFT MODEL	c. AIRCRAFT	ERIAL NO.
Grunman G-73		1jt _j †
d ENGINE MAKE e. ENGI	(E MODEL	
Prate & antendy	R-1340 S3H1	
4. AIRCRAFT REGISTRATION INFORMATION (Complete all ferm)	· · · ·	A PROPERTY NATIONALITY
a. REGISTERED OWNER'S FULL NAME b. PERM	IANENT MAILING ADDRESS	c AIRCRAFT NATIONALITY AND REGISTRATION MARK
8	40 Ceeper Street	N—2977
		, 2, ; j
	ender, New Jersey	
A.F. All I lings at an area of the control of the c	ender, New Jersey	
5. AIRCRAFT OWNER'S CERTIFICATION (Check and complete appropriate I hereby certify that I am the registered owner (or his agent registered* with the Civil Aeronautics Administration as required above the complete of the co	emden, New Jersey (200) of the aircraft identified in the Regulations of the tration:	n Itam 3 above which is
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Form ACA-305 (11-51)

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Cī	VIL.	AERO	NAUTICS	ADMI	NIST	RATIO	ON:
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AIRCRAFT INSPECTION REPORT

(To be completed by a CA	A representative or a	oproved repair stat	ion)
The aircraft described in Item 3 on the reverse of t	his form has been inspe	cted and found to co	onform to the following:
(Check and complete applicable items) 1. AIRCRAFT AND ENGINE CERTIFICATION BASE		J. Arr	
■ 🖾 AIRCRAFT SPECIFICATION NO	THROUGH SHEET DEVISION	NO 4	
b. AIRCRAFT LISTING PAGE NO.	THE SET WILL IN THE SET		-
c. AIRWORTHINESS DIRECTIVE SUMMARY 1952	THROUGH CARD NO	63-11	
d. CIVIL AIR REGULATION PART 8 (MODIFIED TYPE CE		· 	~ · ·
THE WAY WEODON HOW LYNE & (MODILIED 1125 CE	(TIFICATE)		
2. AIRCRAFT AND ENGINE OPERATING RECOR	DS		
a. AIRCRAFT NEW-NO PREVIOUS OPERATION OR MAINT		· .	
b. 3 COMPLIANCE WITH APPLICABLE AIRWORTHINESS DIRE			
c. AIRCRAFT RECORDS INDICATE THE AIRFRAME HAS R		1/43.55 H	IOURS
d. S ENGINE RECORDS INDICATE THE FOLLOWING OPERAT			the production of
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SERIAL NO.	TOTAL HOURS		
• 555			
3. PREVIOUS INSPECTION RECORD (INSPECTIO		RM ACA-319)	
a. LAST AIRWORTHINESS INSPECTION CONDUCTED MO	rch 20.1952		
BY AIRCRAFT MANUFACTURER	(DATE)		
BY APPROVED REPAIR STATION, CERTIFICATE	NO		
BY MECHANIC, CERTIFICATE NO. ARE 1			
L. T PERIODIC AIRCRAFT INSPECTION REPORT, FORM ACA		NCO	
	THE REPORTED TO UN	NLT.	
4. AIRWORTHINESS DOCUMENTS ISSUED OR RE	EVIEWED		
■ OPERATION LIMITATIONS, FORM ACA-309, WAS ISSUET	COUR ATTACKED		
b. CURRENT OPERATION LIMITATIONS, FORM ACA-309, 15			NECENT 110 3 41
C. T CURRENT APPROVED AIRPLANE FLIGHT MANUAL IS AN			₹
d. CURRENT WEIGHT AND BALANCE INFORMATION IS AV			္မွန္က ကြန္းေ
e. THIS INSPECTION HAS BEEN RECORDED IN THE AIRCR			8종 (통) - 팬
		Caneli	S 5
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PREVIOUS FORM ACA-1362 WAS ISSUED TO EXPIRE M	(DATE)		≅ ವೆ
(NAME OF ISSUING REPRESENTATIVE)	1696	ATTON NO. 1	ုန္တို့ မေ
5. CAA APPROVED REPAIR STATION CERTIFICA		minut ital	
The aircraft described on the reverse has been	inspected under the ar	thority accorded ce	rtificated repair station
No by CAR 52 and was found	to be:		
AIRWORTHY		A Section 1	
UNAIRWORTHY			
	(REPAIR STATION AUTHORIZED SI	GRATURE)	(DATE)
6. CAA REPRESENTATIVE CERTIFICATION			
I HAVE INSPECTED THE AIRCRAFT DESCRIBED ON THE REVE	RSE AND FOUND IT 🔀 AL	RWORTHY UNAIRW (Check appropriate item)	DRTHY
DESIGNEE'S SIGNATURE Albert) fukace)	DESIGNATION NO.	DATE	
Albert J. Inicecs	5-2-2	1.	
AVIATION SAFETY AGENT'S SIGNATURE	1696	March 6.10	
	CAA DESIGNATION NO.	DACE	ACCEPTED
B. S. Van artsdalen	1-579M-16	3-4-02	REINSPECTED
	11-2 17M-16	0-9-35	SPOT CHECKED
☐ ATTACHMENT		1 1	

D. S. COVERNMENT PRINTING OFFICE 18-60827-2

Form ACA-3058 (11-5

Form ACA-33 (11-48)	7	DET	ARTMENT OF COMM	EBCE	J. 0. 26	proved.	
(11-10)			ERONAUTICS ADMINIS		Budget I	turesu No. 41-R0:2.3	
F	REPAIR AND ALTERATION	N FORM	(AIRCRAFT, PROF	ELLERS, ENGINES,	INSTRUMEN	rs)	
<u>. </u>		ERSE SIDE		FOR INSTRUCTIONS)		
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1	NAME (First, middle, last)		G-73 ADDRESS (Street and m	J-44	297	7	
R. H. Hellingshead Corp.			840 Cooper Street, Canden, H. J.				
		-					
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BLADE OR HUB							
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- 1. This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine,
- 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 alteration 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 authorized CAA representative, provided the alteration and/or repair does not change any of the operation limitations.
- 5. Repair agencies will be guided as follows when completing this form.
 - a. For an Aircraft Repair and/or Alteration—Complete Items 1, 2, 3a, 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.

- b. For a Component Installed in an Aircraft—Complete Items 1, 2, 3 (b, c, or d, whichever is applicable), 4, 5, 6, and 7. Distribute copies as in a above.
- c. 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 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.

All steel parts were Magnafluxed.

The data plate has been stamped in accordance with C. A. A. Engine Specifications.

This engine has been given a complete test run, the results of which are recorded on Airwork Corporation Test Log.

The following Pratt & Whitney Service Bulletins were complied with:

403	598		767 RA 36F-49
412	601		770
435 455	619	-RC- RA	789 RB
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NAME (First, middle, last) ADDRESS (Street and number, city, some, and State) FILL IN INFORMATION IN THIS ITEM ONLY FOR THE UNIT REPAIRED AND/OR ALTERED UNIT MAKE MODEL SERIAL NO. NATURE OF WORK (Che MAJOR REPAIR MAJOR ALTERA AIRCRAFT. This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable. EMPTY WEIGHT (Pounds) EMPTY CENTER OF GRAVITY (Inches from datum)* USEFUL LOAD (Pounds) AIRCRAFT This item must be completed by the installing agency, if applicable. EMPTY WEIGHT (Pounds) SEPLIA NO. MAJOR REPAIR MAJOR ALTERA In the case of a spare component, it will not be completed by the installing agency, if applicable. EMPTY WEIGHT (Pounds) SEPLIA NO. MAJOR REPAIR MAJOR ALTERA In the case of a spare component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable. EMPTY WEIGHT (Pounds) SEPLIA NO. MANUFACTURER APPROVED REPAIR STATION NO. (Specify) DATE WORK ACCOMPLISHE	. AIRCRAFT		(SEE DEVE	BSE SIDE	(AIRCRAFT, PROP			
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ized representative of the CAA. When repairs and/or alterations are made which affect the operation limitations set forth in the Airplane Foliaht Manual or Form ACA-309, the aircraft shall not be returned to service until the operation limitations have been corrected/by an author-

Certificated mechanics must, in all cases, obtain approval of the repair and/or alteration from the CAA representative prior to

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 authorized CAA representative, provided the alteration returning the article to service.

Repair agencies will be guided as follows when completing this form. and/or repair does not change any of the operation limitations.

For an Aircraft Repair and/or Alteration—Complete Items 1, 2, 3c, 4, 5, 6, and 7.

Manufactiver or Lygroved Repair Station—Submit original to aircraft owner, forward copy to CAA district office or CAA Mechanic—Submit to CAA representative for inspection and approval prict 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

For a Component Installed in an Aircraft—Complete Items 1, 2, 3 (b, c, or d, whichever is applical ie), 4, 5, 6, and " agent prior to returning article to service.

For a Spare Component—Complete Items 3 (b, c.or. 3, whichever is applicable), 5, 6, and 7. Distribute copies as in a above.

Mechanic—Submit to CAA representative for inspection and approved, 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 intriber 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 for marded 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 warded to the nearest CAA district office or CAA agent.

CAA representative for inspection or approval,

ID-04010-3 D. E. COVERNMENT SALNTING OFFICE

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FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-22-8|

GRUMAN- 6-73 N-2977 (STD.) Ser# J-44

Radio
Power BUS

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12

AN/ARC-1

STATION

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CIRCUIT BKR.

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AN/ARC-1 Power Curcuit - N 2977

FAA AIRCRAFT REGISTRY
CAMERA NO. | DATE: 5-20-8

DEC 15 2 38 PH 752 CERTIFICATE SECTION

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FORM ACA-337 (4-5)

B. S. Van Astalahu (Signature Aviation Safety Agent)

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.

This engine has received a major overhaul with replacement parts manufactured by Pratt & Whitney or licensee

One each NA-Y9E-507 Carburetor - S/N 5962933 Two each SEGRN Magnetos - L.H. 075796 - R.H. DC005697

All steel parts were Magnafluxed.

Total time on this engine 969:25. The data plate has been stamped in accordance with C. A. A. Engine Specifications.

This engine has been given a complete test run, the results of which are recorded on Airwork Corporation Test Log.

The following Pratt & Whitney Service Bulletins were complied with:

403	497RB	619RA	767RA	1097RA
412	511	621	770	11F-44
433	526	642RA	789RE	1118
455	540	682	795	23F-45
468	598	683	7 9 7	36F-49
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U. S. COVERNMENT PRINTING OFFICE 16-54010-

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Check block if additional sheets are attached.

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- 1. This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine,
- 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.
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- 5. Repair agencies will be guided as follows when completing this form.

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- 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 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.

W-300 Form ACA-337 DEPARTMENT OF COMMERCE Form Approved. Budget Bureau No. 41-R052.2. CIVIL AERONAUTICS ADMINISTRATION REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS) (SEE REVERSE SIDE OF THIS FORM FOR INSTRUCTIONS) 1. AIRCRAFT NAME (First, middle, last) 1 2977 STANDAR 840 Cooper St. Camben, New Jersey R. M. Hollingshead Corp. 3. FILL IN INFORMATION IN THIS ITEM ONLY FOR THE UNIT REPAIRED AND/OR ALTERED MARE UNIT NATURE OF WORK (Check) MODEL MAJOR REPAIR MAJOR ALTERATION AIRCRAFT Possessessessesses (As described in item I above) Hub 29040-51 159957 X Overhau Hamilton Bladec 65334-18 519247 c ENGINE -تان بسيطرة إربيانية الأنكار وبريان 519248 519249 TYPE AND MANUFACTURER A. ...STRUMENT 4. AIRCRAFT This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable. WEIGHT AND BALANCE DATA EMPTY WEIGHT (Pounds)* EMPTY CENTER OF GRAVITY (Inches from datum) 9529 220.7 3221 5. KIND OF AGENCY WHICH MADE REPAIRS AND OR ALTERATIONS (Check) M APPROVED REPAIR STATION NO. 182 CERTIFIED MECHANIC ADDRESS (Street and number, city, zone, and State) DATE WORK ACCOMPLISHED 6. AGENCY 258 Herricks Road Pester's Prop. Ser. Mineols, New York

7. DESCRIPTION OF WORK (ALL WORK MUST BE ACCOMPLISHED IN ACCORDANCE WITH PART 18 OF THE CIVIL AIR REGULATIONS AND ITS ASSOCIATED CIVIL AERONAUTICS MANUAL 18.) Propeller was dissambled, cleaned and inspected. All steel parts were magnetically inspected. Barrel was cadmium plated. Blades were checked and reconditioned. Distributor valve was overhauled. Propeller was assembled and oil tested for leaks. Angles and track were checked.

Preload shim thickness is .005" Range 10-90, high 84, low 12. Diameter 8'6". If more space is needed, continue on reverse, or attach separate sheets bearing aircraft registration is FORWARDED FOR ENGINEERING APPROVAL

(Certificate frumber and rating)

ACCEPTED REINSPECTED

TO BE COMPLETED BY CAA REPRESENTATIVES

I CERTIFY that the aboye statements are true and correct to the best of my knowledge.

APPROVED

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INSTRUCTIONS

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Maria.		₹ <u>**</u> ***		J.O. 25	28
Form ACA-037 (11-48)		DEPARTMENT OF COMM	TRATION	Form approv Budget Bures	ed. tu No. 41-R952.5.
R	EPAIR AND ALTERATIO	N FORM (AIRCRAFT, PROP	ELLERS, ENGINES, I	INSTRUMENTS)) . ~
	(SEE REVE	RSE SIDE OF THIS FORM	FOR INSTRUCTIONS)		· · · · ·
1. AIRCRAFT	IAKE	MODEL	SERIAL NO.	NATIONALITY AND R	
	Grumman.	<u>4-73</u>	<u> </u>	N 297	(STD)
	AME (First, middle, last)	ADDRESS (Street and m			•
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	HOMINGS KERR				
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		L		MAJOR REPAIR M	AJOR ALTERATION
a. AIRCRAFT	***************************************	N (As described in item I above) NAM	*************		•
6. PROPILLER BLADE OR HUB			3 - 2 - 2 - 3		
HUB				4	
c. ENGINE	Pratt & Whitney	R-1340-93Hl	328040	x	
	TYPE AND MANUFACTURER				
L. INSTRUMENT					, t.
4. AIRCRAFT	1		74 - 17	TT	· · · · · · · · · · · · · · · · · · ·
	of a	s item must be completed by rep spare component, it will not be c	ompleted until such comp	onent is installed in	nan
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*AFTER the repair described below	r soure made.				
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			(Specify)		
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6. AGENCY A.	IRWORK CORPORATI	Millville, New		6-23-	-51
7. DESCRIPTI	ON OF WORK (ALL WORK)	MUST BE ACCOMPLISHED IN ACCO	RDANCE WITH PART 18 C	OF THE CIVIL AIR I	REGULATIONS
	AND ITS ASSO	CIATED CIVIL AERONAUTICS MAN	UAL 18.)		
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	the above statements are tru	ie and correct to the best of my l	enowledge.		
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	zature of supervising mechanic)	(Certificate m	24476-40 A.& I	B. <u>8-1-1</u>	
		BE COMPLETED BY CAA REI	PRESENTATIVES		
	DESIGNEE'S SIGNATURE	101	0 , NO.	DATE	
APPROVED	Albert J. Imc	co thet y	uke of 1696	8-1	6-52
REJECTED	CAA AGENT SIGNATURE	todales 1-000	A -/A REINSPECT	DATE ED 9-3 -57	a

16-54010-

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All steel parts were Magnafluxed.

598

Total time on this engine 807:15. The data plate has been stamped in accordance with C. A. A. Engine Specifications.

This engine has been given a complete test run, the results of which are recorded on Airwork Corporation Test Log.

The following Pratt & Whitney Service Bulletins were complied with:

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				FOR INSTRUCTIONS)		
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This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, enging

When repairs and/or afterations 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.

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

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 authorized CAA representative, provided the alteration and/or repair does not change any of the operation limitations.

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

Mechanic—Submit to CAA representative to riginal copy to the mechanic who should submit it to the aircraft approval, the CAA representative will return the original copy to the mechanic who should submit it to the aircraft a. For an Aircraft Repair and/or Alteration-Complete Items 1, 2, 3c, 4, 5, 6, and 7.

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

For a Component Installed in an Aircraft Complete Items 1, 2, 3 (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 approved, retain both copies of the form with the component until installation on an aircraft. At this time I terms 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 nearest CAA district office or CAA agent.

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	NAME (First, middle, last) R. M. Hollingshead Corp.			oper Street New Jersey		
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- 1. This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, 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 alteration from the CAA representative prior to returning the article to service.
- 4. The manufacturer of an aircraft, engine, propeller, or instrument game, confidented repair station holding the appropriate rating may return the article to service without prior approval of an authorized CAA representative, provided the alteration and/or repair does not change any of the operation limitations.
- 5. Repair agencies will be guided as follows when completing this form.
 - a. For an Aircraft Repair and/or Alteration—Complete Items 1, 2, 3a, 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 owner.
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 - b. For a Component Installed in an Aircraft—Complete Items 1, 2, 3 (b, c, or d, whichever is applicable), 4, 5, 6, and 7. Distribute copies as in a above.
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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.

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Form ACA-305 (12-47)		DEPARTMENT OF C			ORM APPROVED BURRAU NO. 41-RO41.3
AND/OR AN	NUAL INSPEC	ORTHINESS CERT	RCRAFT	Please submit this Administration	FTRUCTIONS form to the Civil Aeronautics on Field Representative
APPLICATION (CARCE OF ORIGINAL AIRWORTH) ANNUAL INSPECTION		AIRWORTHINESS (STANDARD EXPERIMENTAL	RESTRICTED LIMITED	OTHER	
MAKE		A)	MODEL		YPE CERTIFICATE NO.
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-211	*		ENGINE		<u> </u>
MAKE Pratt	& Whitney		MODEL	R1340-S3H1	
P.W. Holl	ingshead Cor	P•		T ADDRESS (Street and no	under, city, come, and State)
ACA-337 DAT	CCK WAICA) GHT AND BALANCE RE A, DRAWINGS, ETC. PPROVED DEVIATION	EPORT -	rv that the abov	Agent	Owner or authorized agent.
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1000	type i to se	`	INDINGS	<u></u>	I DATE
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Aircraft	last flown	3-13 -51			au 2 6-2
				in the	10-1 mux
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FAA AIRCRAFT REGISTRY
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Form ACA-33 (11-48)		CIVIL AERONAUT	T OF COMMER	ATION	Budget	pproved. Bureau No. M-R052
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1_AIRCRAFT	Grunnan	MODEL	9 73	SERIAL NO.	NATIONALITY	AND REGISTRATION MA
2. OWNER	R.M. Bollingsh	ead Corp.	Canden	er, city, zone, and State)	ву.	
3. FILL. IN IN	FORMATION IN THIS ITEM	ONLY FOR THE U	NIT REPAIRED	AND/OR ALTERED	*****	
ŮNIT	MAKE	MODEL	15.7 (15.15)	SERIAL NO.		F WORK (Check) MAJOR ALTERATION
a AIRCRAFT	***************************************	N (As described in item	above)	***************************************		
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	eeded, continue on reverse, or attac	ch separate s'scets bearin	g aircraft registra	tion mark.	au	
FORWARDED FO ENGINEERING APPROVAL						
Lu	the above statements are true	and correct to the be	est of my knowl E 3050 Certificate number a	32	12-9-	50
	TO BE	COMPLETED BY	CAA REPRESI	ENTATIVES	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 1 a
APPROVED	DESIGNEE'S SIGNATURE LANGENT SIGNATURE CANTIGENT SIGNATURE	Borel :		NO	Dec. 9	1950
REJECTED	the o	0/2		PACCEPTED REINSPECTED	DATE //	51

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Form ACA-309, the sirecraft shall not be returned to service until the operation limitations have been corrected by an author.

Joed Tepreserviative of the CAA.

Certificated mechanics must in all cases, obtain approval of the repair and/or alteration 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 authorized CAA representative, provided the alteration and return the article to service without prior approval of an authorized CAA representative, provided the alteration and return the article to service without prior approval of an authorized CAA representative, provided the alteration and the operation implications. When repairs and to interestions are made whight state of the Airplane Fight Manual or This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, or instrument.

Repair agencies will be guided as follows when completing this form. and/or repair does not charge any of the operation limitations.

approval, the CAA representative will return the original copy to the mechanic who should submit it to the sircraft Mechanic—Submit to CAA representative for inspection and approval prior to returning the article to service. Upon For an Aircraft Repair and/or Alteration—Complete Items I, 2, 3c, 4, 5, 6, and 7.

For a Component Installed in an Aircraft—Complete Items 1, 2, 8 (b, c, or d, whichever is applicable), d, 5, 6, and 7. agent prior to returning article to service, Manufacturer or Approved Repair Station—Submit original to aircraft owner, forward copy to CAA district office or CAA

For a Spare Component—Complete Items 3 (b, c, or d, whichever is applicable), 5, 6, and 7. Distribute copies as in a above.

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 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. to abnutacturer or Approved Repair Station—Handle as me as for mechanics except that it is not necessary to submit to

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FAA AIRCRAFT REGISTRY CAMERA NO. DATE: 5-22-

DEPARTMENT OF COMMERCE

Budget Bureau No. 41-R052.1. Approval expires December 31, 1948.

REPAIR AND ALTERATION FORM (AIRCRAFT, PROPELLERS, ENGINES, INSTRUMENTS)

INSTRUCTIONS.—This form must be filled	out in	duplicate es	ch time	a major	repair	and/or	alteration	is made of	an aircraft
propeller, engine, or instrument, as follows:			1.0	· .	. 7			1.5	
			. 2.					t	

(A) For an Aircraft.—Complete items 1, 2, 3a, 4, 5, 6, and 7, and submit to CAA representative for approval.

(B) For a Component Installed in an Aircraft.—Complete items 1, 2, 3 (b, c, or d, whichever is applicable), 4, 5,

(C) For a appro-	t as described in (A) above. Spare Component.—Comved, retain both copies of the top completed by the install	plete items a is form with	the component until is	stallation of an aircraf	t. At that time	oproval. When items 1, 2, and		
1. AIRCRAFT	MAKE Gruenan		MODEL G=73	SERIAL NO.		IFICATION MARK		
2. OWNER	NAME (First, middle, last) Rellingshead Gorp.		ADDRESS (Street and no		.3.			
3. FILL IN IN	FORMATION IN THIS ITE	ONLY FO	R THE UNIT REPAIR	ED AND/OR ALTERED				
ТІИП	MAKE		MODEL.	SERIAL NO.	NATURE OF MAJOR REPAIR	MAJOR ALTERATION		
a. AIRCRAFT	***************************************	👫 (As describ	ed in Item 1 above) 144444	**************		3		
6. PROPELLER BLADE OR HUB								
c. ENGINE								
	TYPE AND MANUFACTURER			1 - 1 - 1 - 1 - 1 - 1				
d. INSTRUMENT				•		1		
5. KIND OF A	9809 sand/or alterations described below GENCY WHICH MADE REF	vere made. AIRS AND/	223, 24 OR ALTERATIONS (C. PAIR STATION NO. RESS (Street and number, cir.	(Specify)	CERTIFIED	MECHANIC K ACCOMPLISHED		
6. AGENCY	ACTUCY			itral Airport. Gamden. N.J. 11-1-50				
7. DESCRIPTION OF WORK ACCOMPLISHED IN ACCORDANCE WITH PART 18 OF THE CIVIL AIR REGULATIONS AND ITS ASSOCIATED CIVIL AERONAUTICS MANUAL 18. (IF MORE SPACE IS NEEDED, CONTINUE ON REVERSE OR ATTACH SEPARATE SHEETS BEARING AIRCRAFT IDENTIFICATION MARK.) Installed Havigade Flasher unit manufactured by the Havigade Co. of Camden, H.J. per instructions and Deg. He. C-101 of manufacturer. Veight 11 1bs. WT. CHANGE NEGLICIBLE								
I CERTIFY the	at the above statements are	true and cor	rect to the hest of my	knowledge	pro-	* * * * * * * * * * * * * * * * * * * *		
a	Aus Jacks ignature of spiritvising mechanic)	<u>e./</u>	AR 17661-	110 unber and rating)		50		
			LETED BY CAA REP					
APPROVE	Albert J.Lu	EBCS	alles	ules 1696	DATE	2-50		
FORWARDED ENGINEERING APPROVAL	FOR SIGNATURE OF IN	SPECTOR	2	Z-ACCEPTED ☐ REINSPECT	DATE // -3	-50		
		78.6	COVERNMENT PRINTING OFFICE 16	-54D10-1	~			

DATE: 5-22-81 CAMERA NO. FNC 800%-5 2-17008 7184 CI. 117 55 OF EL WOH Med Seminandas Juna DEST DE CORNESCE

FAA AIRCRAFT REGISTRY

FORM ACA-305	DEPARTMENT OF	01415005	
(3-5-47)	DEPARTMENT OF C	MINISTRATION	FORM APPROVED BUDGET BUREAU NO. 41-R041.3
APPLICATION FOR	AIRWORTHINESS CERTIFICATE A		
ANNUAL I	NSPECTION OF AN AIRCRAFT	INSTRUCTIONS Please submit this form to the Civil Aero mantics Administration Field Representative	
PPLICATION (Check whethe	- IDENTITY ISACTOR		
ORIGINAL AIRWORTHINESS	/ I	OTHER (Sp	eclfy)
ANNUAL INSPECTION	□ NX □ NL		
MAKE	AII	RCRAFT	
Grumma		HODEL	
REGISTRATION NO.	MANUFACTURER'S SERIAL NO.		G-73
2977	J44	JATE WANUE	ACTURED TYPE CERTIFICATE NO. 783
	EI	GINE	
MAKE Pratt & White		MODEL	
OWNER'S NAME	ley		S3H1
DHILL S NAME		PERMANENT A	DDRESS (Street and number, City, Zone and
Hollingshead (lorn	84	O Cooper Street
,(A. K.	Ca	emden, N.J.
TACHMENTS (Check which)		1	
	ND BALANCE REPORT	THAT THE ABO	VE STATEMENTS ARE TRUE.
ACA-337 SPECIAL /	PPROVALS		Achan Dilat
ACA-805 DATA, DR	WINCE TTO		Mort Juna Tutios
ACA-317 UNAPPROVE	O DEVICE CO.		OWNER OR AUTHORIZED AGENT
	DEVIATION DATA	50	Cheef Mechanic
FORM ACA-305a (FORMERLY AC	(4-307)	ANIE	TITLE
(To be comp	A-307) Leted by a CAA inaperior of	PECTION REPO	RT inspector or representative)
IT HAS BEEN DETERMINED THA	T THE AIRCRAFT DESCRIBED IN 30	S LEGISTATE	Inapector or representative)
ALL APPLICABLE MANDATORY A	OTES, INSTRUMENT MARKINGS AND	PLACADDING OF	CONFORMITY WITH THE FOLLOWING
TITH TE YES INO		LICARDING RE	QUINEMENTS HAVE BEEN COMPLIED.
(AIRCRAFT SPECIFICATION -	AIDWORTHINGE DIRECTOR	44	
or zorrion -	ATRHORIBINESS DIRECTIVE, NO(S)	· A- 783 th	ru revision 1 Ants thru 50-14
AUTHORITY FOR EXCEPTIONS (If any)		(SPECIFY)
FORM ACA-1362, CERTIFICATE	OF AIRWORTHINESS, ISSUED	1.	
		ORIGINAL	ANNUAL INSPECTION
heck whether)			
TOPERATION LIMITATIONS F	ORM ACA-309 WAS ISSUED, OR		
APPROVED AIRPLANE FLIGH	T MANUAL IS IN THE AIRCRAFT		
		INGS	
	'S SIGNATURE AND NO.	7	DATE
AJRWORTHY plber UNAIRWORTHY CAA INSP	t J. Lukeceller Lu	tres/	#1696 14-14-50
UNAIRMORTHY CAA INSP	ECTOR'S STGNATURE		ELACCEPTED DATE
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FAA AIRCRAFT REGISTRY
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FORM ACA-905 (8-26-47)		CIVIL AERONAUTICS		BUDGET E	OL_APPROVED SURBAU NO. 41-RO	41.3
	ANNUAL INSPECTION	INESS CERTIFICATE OF AN AIRCRAFT		Please submit t	INSTRUCTIONS his form to the ration Field Repr	Civil Aces
APPLICATION (Che	ORTHINESS CERTIF.	CAA IDENTIFICATIO	N OTHER (Sp.	ocify)		
		New	IRCRAFT ET	awav		
Grumman (Me			MODEL	-73		
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			ENGINE			
Frant & Whit	ney		MODEL	S3H1 R 1340)		
	ngshead Corp.		3.2.0	Mew Jersey	d number, City, Z	one and
ATTACHMENTS (Chec	k which)	I CERTI		VE STATEMENTS ARE		
ACA-319 🔲	WEIGHT AND BALANCE	REPORT	THE ABU	TE STRIEMENTS ARE	TRUE/]
ACA-337	SPECIAL APPROVALS DATA, DRAWINGS, ET			Sicher	Estel	
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FORM ACA-305a (FO	RHERLY ACA-307)	A I DC DAET I I	DATE ISPECTION REPO		TITLE	10
(To	be completed by	a CAA inspector o	a designated	Inchester an a	presentative	
ALL ALL ETONDER MA	MANIONI MOTES, 182	CRAFT DESCRIBED IN	D PLACARDING RE	CONFORMITY WITH T	HE FOLLOWING	
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APPROVED AIRPI	TATIONS FORM ACA-30	19 WAS ISSUED, OR				$a^{-1/2}$
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	DESIGNES SIGNA	URE MID NO.	MD1468			
AIRWORTHY UNAIRWORTHY	Fred R. STAST	pong 1008	ny		DATE 4-12-49	
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other Item Wes	UVAL, OR REMARKS ()	Indicate if you hav	used the reve	ree to continue ti	hie or	
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