UNITED STATES OF AMERICA

DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS	2 MANUFACTURER AND MODEL	3 AIRCRAFT SERIAL NUMBER	4 CATEGORY
N122FB	Grumman G-111	7168	Transport

5 AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefore, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by *Annex 8 to the Convention on International Civil Aviation*, except as noted herein.

Exceptions:

NONE

6 TERMS AND CONDITIONS

Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United Sates.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
R 11/02/1983	Mark L. Pritchett	WP07-SDL-FSDO

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000 or imprisonment not exceeding 3 years or both.

THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (04-11) Supersedes Previous Edition

Pritchett, Mark (FAA)

From: Mike Barron <mike@barronaviation.com>
Sent: Friday, February 24, 2017 8:43 PM
To: Pritchett, Mark (FAA)
Subject: Airworthiness Certificates

Hi Mark
Thanks for the contact for Tom. I will reach out to him in the next few days.
Also due to the extended storage of the G-111s the airworthiness certificates did not survive. I need replacements for the following planes: N112FB s/n 148328, N113FB s/n 7244, N116FB s/n 148325, N118FB s/n 9304, N119FB s/n 9308, N122FB s/n 7168, and N125FB s/n 141282.
Thanks so much for your help!!!
Mike

FAA AIRCRAFT REGISTRY
CAMERA NO. 3N DATE: 8-15-86

RESORTS INTERNATIONAL, INC.
915 N.E. 125TH STREET
NORTH MIAMI, FLORIDA 33161

EXECUTIVE OFFICES (305) 891-2500

July 23, 1986

FAA AIRCRAFT REGISTRY
P.O. Box 25504
Oklahoma City, Oklahoma 73125
ATTENTION: JERRY ALLISON

Dear Jerry:

This will confirm my conversation with you in which I requested you to reissue the Registration Certificates on several of our aircraft because the registration does not agree with the Airworthiness Certificate. In all instances, the Registration Certificates should indicate that the model number of the aircraft is G-111.

I am enclosing copies of the Registration Certificates and the Airworthiness Certificates supporting this request. The information shown on these certificates is as follows:

	Aircraft Serial Number	Aircraft Designation on Airworthiness Certification	Aircraft Designation on Registration
N113FB	7244	G-111	HU-16
115FB	148327	G-111	UF-2
116FB	148325	G-111	HU-16D
117FB	148326	G-111	HU-16D
119FB	9308	G-111	G-231
120FB	7243	G-111	HU-16E
121FB	7249	G-111	HU-16E
122FB	7168	G-111	HU-16B
2660L	7901	G-111	HU-16E
125FB	141282	G-111	UF-2

In addition to changing the model number on the above designations, I would also appreciate your deleting the prefix "51-" from the aircraft serial number for aircraft 7244.

Thank you for handling this item for us.

Very truly yours,

TFOdonnell

Thomas F. O'Donnell

Enclosures

cc: Paul Allen

TOD:pjm
4293

FAA AIRCRAFT REGISTRY
CAMERA NO. 3N DATE: 8 - 15 - 86

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

08 1

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE

INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N122FB	Grumman	G-111	53	3950410
5. AIRCRAFT SERIAL NO.	**6. ENGINE BUILDER'S NAME (make)**	**7. ENGINE MODEL DESIGNATION**		67029
7168	Wright	982C9HE-3		
8. NUMBER OF ENGINES	**9. PROPELLER BUILDER'S NAME (make)**	**10. PROPELLER MODEL DESIGNATION**		**11. AIRCRAFT IS:**
2	Hamilton Standard	43D51-667		XXXXXXXXXXXXXXXX IMPORT

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 X STANDARD AIRWORTHINESS CERT. (Indicate category) — NORMAL | UTILITY | ACROBATIC | X TRANSPORT | GLIDER | BALLOON

B SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

- 2 LIMITED
- 5 PROVISIONAL (Indicate class)
  - 1 CLASS I
  - 2 CLASS II
- 3 RESTRICTED (Indicate operation(s) to be conducted)
  - 1 AGRICULTURE & PEST CONTROL
  - 2 AERIAL SURVEYING
  - 3 AERIAL ADVERTISING
  - 4 FOREST (Wild life conservation)
  - 5 PATROLLING
  - 6 WEATHER CONTROL
  - 0 OTHER (Specify)
- 4 EXPERIMENTAL (Indicate operation(s) to be conducted)
  - 1 RESEARCH AND DEVELOPMENT
  - 2 AMATEUR BUILT
  - 3 EXHIBITION
  - 4 RACING
  - 5 CREW TRAINING
  - 6 MKT. SURVEY
  - 0 TO SHOW COMPLIANCE WITH FAR
- 8 SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)
  - 1 FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE
  - 2 EVACUATE FROM AREA OF IMPENDING DANGER
  - 3 OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT
  - 4 DELIVERING OR EXPORT
  - 5 PRODUCTION FLIGHT TESTING

C 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME	ADDRESS
Flying Boat, Inc.	915 N.E. 125th St. N. Miami, Fl. 33161

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

X	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) A22SO Rev. 4	X	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give Latest AD No.) 83-20-03
	AIRCRAFT LISTING (Give page No(s).) N/A		SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

X CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS—Enter for said aircraft only	3 EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed

D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
11/2/83	Phil Russell, Manager	Phil Russell

IV. INSPECTION AGENCY VERIFICATION

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)

2	FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)	3	CERTIFICATED MECHANIC (Give Certificate No.)	6	CERTIFICATED REPAIR STATION (Give Certificate No.)
5	AIRCRAFT MANUFACTURER (Give Name of Firm)				

DATE	TITLE	SIGNATURE

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector, certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE		DESIGNEE'S SIGNATURE AND NO.		FAA INSPECTOR'S SIGNATURE
11/2/83	ACE-182A-1 Vero Bch. MISO	4	R. H. Walden ACE1107	1	

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] APPROVED PRODUCTION INSPECTION SYSTEM

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION	NAME AND TITLE *(Print or type)*	SIGNATURE

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

A. DESCRIPTION OF AIRCRAFT

REGISTERED OWNER	ADDRESS
BUILDER *(Make)*	MODEL
SERIAL NUMBER	REGISTRATION MARK

B. DESCRIPTION OF FLIGHT

FROM	TO	
VIA	DEPARTURE DATE	DURATION

C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT

[ ] PILOT [ ] CO-PILOT [ ] NAVIGATOR [ ] OTHER *(Specify)*

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION *(Use attachment if necessary)*

F. **CERTIFICATION**—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or type)*	SIGNATURE

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

X	A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable		G. Statement of Conformity, FAA Form 317 *(Attach when required)*
	B. Current Operating Limitations Attached		H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
	C. Data, Drawings, Photographs, etc. *(Attach when required)*		I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
X	D. Current Weight and Balance Information Available in Aircraft.		
	E. Major Repair and Alteration, FAA 337 *(Attach when required)*	X	J. Current Airworthiness Certificate Issued in Accordance with FAR 21-183A *(Copy attached)*
X	F. This Inspection Recorded in Aircraft Records		

☆ U.S. Government Printing Office 1978—776-344/203

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION—FEDERAL AVIATION ADMINISTRATION

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS	2. MANUFACTURER AND MODEL	3. AIRCRAFT SERIAL NUMBER	4. CATEGORY
N122FB	Grumman G-111	7168	Transport

5. AUTHORITY AND BASIS FOR ISSUANCE
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.
Exceptions:

NONE

6. TERMS AND CONDITIONS
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventative maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States.

DATE OF ISSUANCE	FAA REPRESENTATIVE	DESIGNATION NUMBER
11/2/83	R. H. Walden	DMIR ACE 1107

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA Form 8100-2 (7-67) FORMERLY FAA FORM 1362

U.S. Government Printing Office — 1976-675-535

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

Not Subject to OMB Clearance

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

STATEMENT OF CONFORMITY

SECTION I – AIRCRAFT

1. MAKE Grumman	2. MODEL G-111
3. SERIAL NO. 7168	4. REGISTRATION NO. N122FB

SECTION II – ENGINE

1. MAKE	2. MODEL
3. SERIAL NO.	

SECTION III – PROPELLER

1. MAKE	2. HUB MODEL
3. BLADE MODEL	4. HUB SERIAL NO.
5. BLADE SERIAL NOS.	

SECTION IV – CERTIFICATION

I hereby certify that:

[X] A. I have complied with Section 21.33(a).

[X] B. The aircraft described above, produced under type certificate only (FAR 21 Subpart F), conforms to its type certificate, is in a condition for safe operation, and was flight checked on 11/2/83 (Date).

[ ] C. The engine or propeller described above, presented herewith for type certification, conforms to the type design therefor.

[ ] D. The engine or propeller described above produced under type certificate only (FAR 21 Subpart F), conforms to its type certificate and is in a condition for safe operation. The engine or, if applicable, the variable pitch propeller was subjected by the manufacturer to a final operational check on _____ (Date).

Deviations: NONE

This statement issued to show compliance with master drawing list dated _____.

Issued for FAA Production Flight Test.

SIGNATURE OF CERTIFIER Eugene J. Schneiro	TITLE Director Quality and Safety Operations
ORGANIZATION Grumman St. Augustine Corporation	DATE 11/2/83

FAA Form 8130-9 (9-78) USE PREVIOUS EDITION

FAA AC 80-01131

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

INSTRUCTIONS

This form should be submitted to a representative of the Administrator under the following circumstances:

1. By the applicant for a type certificate or a supplemental type certificate at the time he presents an aircraft or parts thereof to the FAA for tests.

2. By the applicant for a type certificate or a supplemental type certificate for each engine or propeller submitted for type certification.

3. By the type certificate holder or licensee manufacturing products under a type certificate only, upon the initial transfer by him of the ownership of each product or upon application for the original issue of an aircraft airworthiness certificate, or an Airworthiness Approval Tag (FAA Form 8130–3).

This form should be completed as follows:

Section I. Aircraft. Complete the pertinent part of only this section when certification covers an aircraft or part thereof.

Section II. Engine. Complete this section when certification covers an engine.

Section III. Propeller. Complete this section when certification covers a propeller.

Section IV. Certification.

Item A. Check this block when an aircraft or part thereof is presented for flight or ground tests during type certification or supplemental type certification.

Item B. Check this block when the holder or licensee of a type certificate only, initially transfers the ownership of an aircraft manufactured under that type certificate, or applies for the original issuance of an airworthiness certificate.

Item C. Check this block when an engine or propeller is presented for type certification.

Item D. Check this block when an engine or propeller is presented for airworthiness approval and insert the date the product completed a final operational check.

The certification must be signed by an authorized person who holds a responsible position in the manufacturing organization.

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

G-111-FT-002

For FAA ATL ch

GRUMMAN AEROSPACE

G-111 PRODUCTION FLIGHT TEST REPORT

FAA AIRWORTHINESS CERTIFICATION A/C #12

FAA #1 ZERO FUEL GW = 22600

DATE 11/2/83 COMPANY NO. FT-1 REGISTRATION NO. N-122FB GROSS WT.

PILOT ALBER CO-PILOT BESSEY CREW NOLAN FUEL LOAD 1400 C.G. 22.6

TAKE-OFF 0930 LANDING 10:30 T/T 1.0 FIELD BARO 30.20 OAT +21 C

			FLIGHT NO 2
4-8	OUTSIDE VISUAL INSPECTION	COMPLETE	✓
9	INSIDE VISUAL INSPECTION	COMPLETE	✓
10	COCKPIT INSEPCTION POWER OFF	COMPLETE	✓
11	COCKPIT INSPECTION POWER ON	COMPLETE	✓
12	ELECTRICAL TAB SYSTEMS CHECK	COMPLETE	✓
13	BEFORE ENGINE START CHECK LIST	COMPLETE	✓
14	ENGINE START CHECK LIST	COMPLETE	✓
15	BEFORE TAXI CHECK LIST	COMPLETE	✓
16	TAXI - PILOT/CO-PILOT BRAKES, TURN & SLIP, GYROS PROP REVERSE CK	COMPLETE	✓
17	ENGINE RUN-UP: MANUAL FEATHER OPERATION	CHECK BOTH	✓
17.1	RECORD AT 1200 RPM: FUEL PRESS BOOST OFF	L22 R22 LIMITS 21-25psi	
	BOOST ON	L24 R24 LIMIT 25 psi	
	OIL PRESS	L65 R76 LIMITS 65-75 psi	
	OIL TEMP	L65 R60 LIMIT 104°	
	HEAD TEMP	L150 R160 LIMIT 245° C MAX	
	RECORD HYD PRESS 1500 psi± 50	1500	✓
17.2	PROPELLER CYCLE CHECK: 1700 RPM LOW HI-PITCH: 12 SEC MAX		✓
17.3	GENERATORS AMPS: L20 R20 (27.5 - 28.5 V)		✓
17.4	FIELD BARO CHECK CHECK RPM 2250 ± 50 RPM	L 2200 R 2225	✓
17.8	MAGNETO CHECK MP-FIELD BARO MAX DROP 75 RPM	75/75	
17.10	AUTO FEATHER CHECK: RECORD FEATHER ON-SET L R 100 psi TQ± 10		✓
18	FULL POWER TURN-UP		
	RECORD AT 54.5" Hg RPM 2800±20 TO 300psi±20	300/310	✓ OK
19	BEFORE TAKE-OFF CHECK LIST	COMPLETE	✓
20	TAKE-OFF: V_1 = 88K, V_R = 90K, V_2 = 95K		
	RECORD ENGINE DATE: RPM2800 ± 20 FUEL PRESS 21-25 psi		
	L 2800 R 2800 L 24 R 24		✓
	OIL PRESS 60-80 psi		
	L 75 R 70		
	OIL TEMP 104° MAX		
	L 70 R 70		
	HEAD TEMP 260° MAX		
	L 160 R 160	TQ L 300	
		TQ R 310	OK

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

G-111-FT-00
FLIGHT NO

		1	2
cont'd 20	TORQUE 300 psi ± 20	✓	
21	CLIMB - CLIMB CHECK LIST COMPLETE	✓	
21.1	CYCLE GEAR 110K TIME DOWN 30 SEC MAX	✓	
21.2	CYCLE FLAPS 110K Δ LATERAL TRIM 15°, 30° NO CHANGE ALLOWED	✓	
21.3	ALTERNATE AIRSPEED SYSTEM CHECK 110K MAX ΔAS =5K MAX ALT Δ 50'	✓	
21.4	FLIGHT INSTRUMENTS/GRYOS/RADIOS CHECK	✓	
22.0	CRUISE 5,000 - 12,500 FT		
	CRUISE CHECK LIST COMPLETE	✓	
22.1	SET CRUISE POWER: 1900 RPM + 28.5" Hg	✓	
	RECORD: AIRSPEED L 145 R 142 ALT 8100 L 8100 R	✓	
	FUEL L 700 R 600 FUEL PRESS L 21 R 22	✓	
	OIL TEMP L 65 R 65 OIL PRESS L 68 R 68	✓	
	HEAD TEMP L 160 R 150 CARB TEMP L 25 R 25	✓	
	OAT +15	✓	
22.2	RECORD TRIM:		
	RUDDER 0° - 3° R (MAX) — 3°R - OK	✓	
	AILERON 3°L - 3°R (MAX) 0	✓	
	ELEV (LEFT) 3° NU - 3° ND (MAX) 2°↑	✓	
22.3	VIBRATION /BUFFET (60° BANK) CHECK OK	✓	
22.4	PROP VIBRATION CHECK 1500 - 2800 RPM CHECK "	✓	
22.5	~~HEATER (MAX OAT 20° C) CHECK START AND CYCLE~~ N/A		
23	CARB MIXTURE CHECK		
23.1	AT 12,500FT MAX MP DROP ½" Hg AL TO AR CHECK L ✓ R ✓ OK	✓	
24	ALTERNATE AIR ✓ CHECK LIGHTS & CAT RISE MAX 36°C CHECK	✓	
25	STALLS V_S FLAPS UP FLAPS 15° FLAPS 30° FUEL		
	CHECK STALL CHARACTERISTICS (BUFFET/ROLL-OFF)		
	BUFFET SPEED 77/75/60 STALL SPEED 70/65/54 OK		
	No Roll/off OK		
26	DIVE		
	RECORD ELEV TRIM AT 229K ✓ MAX 4° ND OK 3°↓ OK	✓	
27	MANUAL FEATHER BELOW 150K CHECK L ✓ R ✓	✓	
28	AUTO FEATHER BELOW 150K CHECK L ✓ R ✓	✓	
28.1	RECORD LANDING GEAR TIME DOWN 26 UP 17 SINGLE ENGINE MAX 30 SEC	✓	
	UP 40 SEC DOWN OK	✓	
29	WATER CHECK OK		
30	AVIONIC SYSTEMS: NAV #1 ✓ ILS ✓ DAB G/S ✓ OM ✓ M/M ✓	✓	
	NAV #2 ✓ TRANSPONDER MOD C ✓ DAB ALPH		
	ADF ✓ RADAR ✓	✓	
	COMM #1 ✓ COMM #2 ✓ ~~HF~~ N/A ICS	✓	

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

G-11-FT-002

VIONIC SYSTEMS (CONT'D)

DME ✓ RAD ALT OK

FLT 7

31 AFTER LANDING

RECORD MAX REVERSE MAP RPM L 2400 MAP L 40 RPM R 2400 MAP R 40 ✓ OK

32 REMOVE DRAIN PLUGS CHECK FOR LEAKS O/K

SUMMARY OF FLIGHTS

10/21 FLT #1 ENGINE OK - RETURN WX
10/26 FLT #2 ABORT #2 PROP FEATHER OUT OF REVERSE 0.4
ABORT NOSE WHEEL SHIMMEY DAMPER NG
ABORT LOST OIL PRESS #2
10/27 FLT #2 CHIP LIGHT DURING CLIMB-OUT HIGH LATERAL/DIRECTION 0.4
10/27 FLT #3 LOST CONTROL OF #2 PROP - CHANGE DOME O-RING FRICTION
10/28 FLT #4 FINISHED 1ST FLT WATER LEAK BOW COMP 1.0
LARGE DIR Δ TRIM BOOST ON/OFF
BOTH PROP TIMERS NG
LOW PWR #1 ENGINE (STOCK INTAKE VALVE)
11/1 FLT #5 FINISH ALL ABOVE CRABS NO WATER CHECK 1.0
11/2 FLT #6 COMPLETE FAA PROFILE OK EXCEPT LOST RADIO ALTIMETER 1.0
11/2 FLT #7 AIRCRAFT OK FOR DELIVERY RAD ALT FIXED 0.3

REMARKS

O/K for Delivery

PRODUCTION FLIGHT TEST APPROVAL

GAC PILOT SIGNATURE: Carl Albo DATE: 11/2/83

SATISFACTORY ✓ UNSATISFACTORY

FAA PILOT SIGNATURE: Carl Albo DATE: 11/2/83

FAA AIRCRAFT REGISTRY
CAMERA NO. 3 DATE: 5-9-85

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

OK City

Form Approved
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE

INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK	2. AIRCRAFT BUILDER'S NAME (make)	3. AIRCRAFT MODEL DESIGNATION	4. YR. MFG.	FAA CODING
N N3385F 12 28	Grumman	SA/HU 16 B	1955	395 0 4 0 8
5. AIRCRAFT SERIAL NO.	6. ENGINE BUILDER'S NAME (make)	7. ENGINE MODEL DESIGNATION		67 0 2 0
51-7168	Curtiss-Wright	R-1820-76D		
8. NUMBER OF ENGINES	9. PROPELLER BUILDER'S NAME (make)	10. PROPELLER MODEL DESIGNATION		11. AIRCRAFT IS:
2	Hamilton Standard	44050-639		NEW / USED / IMPORT

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A 1 STANDARD AIRWORTHINESS CERT. (Indicate category) — NORMAL / UTILITY / ACROBATIC / TRANSPORT / GLIDER / BALLOON

B SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)

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  - 1 CLASS I
  - 2 CLASS II
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  - 4 FOREST (Wild life conservation); 5 PATROLLING; 6 WEATHER CONTROL
  - 0 OTHER (Specify)
- 4 * EXPERIMENTAL (Indicate operation(s) to be conducted)
  - 1 * RESEARCH AND DEVELOPMENT; 2 AMATEUR BUILT; 3 EXHIBITION
  - 4 RACING; 5 CREW TRAINING; 6 MKT. SURVEY
  - 0 TO SHOW COMPLIANCE WITH FAR
- 8 SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)
  - 1 FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE
  - 2 EVACUATE FROM AREA OF IMPENDING DANGER
  - 3 OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT
  - 4 DELIVERING OR EXPORT; 5 PRODUCTION FLIGHT TESTING

C 6 MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME	ADDRESS
Antilles Air Boats, Inc.	Christiansted, St. Croix U.S.V.I. 00820

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): Experimental - Grumman	AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): N/A
AIRCRAFT LISTING (Give page No(s).): N/A	SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): N/A

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173	TOTAL AIRFRAME HOURS—Enter for used aircraft only	3	EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed
	6,462.0 Hrs.		37.5 Hrs.

D. **CERTIFICATION**—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
14 Dec. 1977	Asst Vice-Pres. Capt. William Mable- Engineering	

IV. INSPECTION AGENCY VERIFICATION

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)

- 2 FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.): N/A
- 3 CERTIFICATED MECHANIC (Give Certificate No.)
- 6 CERTIFICATED REPAIR STATION (Give Certificate No.)
- 5 AIRCRAFT MANUFACTURER (Give Name of Firm)

DATE	TITLE	SIGNATURE

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAA 65, [ ] FAA 121 or 127, or [ ] FAA 145.

DATE	DISTRICT OFFICE	4	DESIGNEE'S SIGNATURE AND NO.	1	FAA INSPECTOR'S SIGNATURE
12-18-77	7-0-43				Walter Friedman

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] APPROVED PRODUCTION INSPECTION SYSTEM

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION	NAME AND TITLE *(Print or type)*	SIGNATURE

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

A. DESCRIPTION OF AIRCRAFT

REGISTERED OWNER: Antilles Air Boats, Inc.	ADDRESS: Christiansted, St. Croix U.S.V.I. 00820
BUILDER *(Make)*: Grumman	MODEL: SA/HU 16 B
SERIAL NUMBER: 51-7168	REGISTRATION MARK: N3385F

B. DESCRIPTION OF FLIGHT: Research 7 Development

FROM	TO	
VIA	DEPARTURE DATE	DURATION

C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT

PILOT | CO-PILOT | NAVIGATOR | OTHER *(Specify)*

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION *(Use attachment if necessary)*

F. CERTIFICATION—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or type)*	SIGNATURE
14 Dec 1977	Capt. William Mable Vice-Pres. Engineering	

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

- [X] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [X] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [X] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [X] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [X] I. Previous Airworthiness Certificate Issued in Accordance with FAR 21.191 CAR _____ *(Original attached)*
- [X] J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 _____ *(Copy attached)*

Typed by 10

★1975-G.P.O.-1703-M/673-284/178

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION EXPERIMENTAL		
	PURPOSE: RESEARCH & DEVELOPMENT		
B	MANUFACTURER	NAME NA	
		ADDRESS NA	
C	FLIGHT	FROM NA	
		TO NA	
D	N-3385P *		SERIAL NO. S1-7168
	BUILDER GRUMMAN		MODEL SA- 16 B
E	DATE OF ISSUANCE 12/18/77		EXPIRY 12/17/78
	OPERATING LIMITATIONS DATED 12/18/77		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Walter Friedman WALTER FRIEDMAN		DESIGNATION OR OFFICE NO. MIA- ENDO 7-0-43

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA FORM 8130-7 (3-69: SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-5 SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5 DATE: 12-19-83

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	EXPERIMENTAL	
	PURPOSE:	RESEARCH & DEVELOPMENT	
B	MANUFACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	FROM	N/A
		TO	N/A
D	N— 3385F		SERIAL NO. 51-7168
	BUILDER GRUMMAN		MODEL SA-16B
E	DATE OF ISSUANCE 9/27/76		EXPIRY 9/26/77
	OPERATING LIMITATIONS DATED 9/27/76		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE Walter Friedman		DESIGNATION OR OFFICE NO. MIA-EMDO 7-0-43
	WALTER FRIEDMAN		

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA FORM 8130-7 (3-89) SUPERSEDES FAA FORMS 1362-B; 8100-3; 8130-8 *SEE REVERSE SIDE*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certificate: (1) Carrying persons or property for compensation or hire; and/or (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21, Section 21.181 or 21.217.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

Form Approved AC-250
Budget Bureau No. 04-R0058

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

APPLICATION FOR AIRWORTHINESS CERTIFICATE

INSTRUCTIONS—Print or type. Do not write in shaded areas; these are for FAA use only. Submit original only to an authorized FAA Representative. If additional space is required, use an attachment. For special flight permits complete Sections II and VI or VII as applicable.

I. AIRCRAFT DESCRIPTION

1. REGISTRATION MARK: N3385F	2. AIRCRAFT BUILDER'S NAME (make): Grumman	3. AIRCRAFT MODEL DESIGNATION: SA-16B	4. YR. MFG. / FAA CODING: 395Ø408
5. AIRCRAFT SERIAL NO.: 74B/51-7168	6. ENGINE BUILDER'S NAME (make): Wright	7. ENGINE MODEL DESIGNATION: R1820-76B	67Ø2Ø
8. NUMBER OF ENGINES: Two	9. PROPELLER BUILDER'S NAME (make): Hamilton Standard	10. PROPELLER MODEL DESIGNATION: 43D50-613-639	11. AIRCRAFT IS

II. CERTIFICATION REQUESTED

APPLICATION IS HEREBY MADE FOR: (Check applicable items)

A [1] STANDARD AIRWORTHINESS CERT. (Indicate category) [ ] NORMAL [ ] UTILITY [ ] ACROBATIC [ ] TRANSPORT [ ] GLIDER [ ] BALLOON

B [ ] [XX] SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate item.)

- [2] LIMITED
- [5] PROVISIONAL (Indicate class)
  - [1] CLASS I
  - [2] CLASS II
- [3] RESTRICTED (Indicate operation(s) to be conducted)
  - [1] AGRICULTURE & PEST CONTROL
  - [2] AERIAL SURVEYING
  - [3] AERIAL ADVERTISING
  - [4] FOREST (Wild life conservation)
  - [5] PATROLLING
  - [6] WEATHER CONTROL
  - [0] OTHER (Specify)
- [4] [XX] EXPERIMENTAL (Indicate operation(s) to be conducted)
  - [1] [X] RESEARCH AND DEVELOPMENT
  - [2] AMATEUR BUILT
  - [3] EXHIBITION
  - [4] RACING
  - [5] CREW TRAINING
  - [6] MKT. SURVEY
  - [0] TO SHOW COMPLIANCE WITH FAR
- [8] SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)
  - [1] FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE
  - [2] EVACUATE FROM AREA OF IMPENDING DANGER
  - [3] OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT
  - [4] DELIVERING OR EXPORT
  - [5] PRODUCTION FLIGHT TESTING

C [6] MULTIPLE AIRWORTHINESS CERTIFICATE (Check appropriate Restricted Operation and Standard or Limited as applicable above)

III. OWNER'S CERTIFICATION

A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration) — IF DEALER, CHECK HERE →

NAME: Antilles Air Boats, Inc.

ADDRESS: West Seaplane Ramp
Christiansted, St. Croix U.S.V.I. 00820

B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)

AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.): XXX

AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.): XXX

AIRCRAFT LISTING (Give page No(s).): XXX

SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated): XXX

C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS

[XXX] CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173

TOTAL AIRFRAME HOURS—Enter for used aircraft only: 6425.2

[3] EXPERIMENTAL ONLY—Enter hours flown since last certificate issued or renewed: Nil

D. CERTIFICATION—I hereby certify that I am the owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy and eligible for the airworthiness certificate requested.

DATE OF APPLICATION	NAME AND TITLE (Print or type)	SIGNATURE
08/02/76	R. N. Gillies, Director of Maintenance	

IV. INSPECTION AGENCY VERIFICATION

A. THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY: (Complete this section only if FAR 21.183 (d) applies)

[2] FAR PART 121 OR 127 CERTIFICATE HOLDER (Give Certificate No.)

[3] CERTIFICATED MECHANIC (Give Certificate No.)

[6] CERTIFICATED REPAIR STATION (Give Certificate No.)

[4] AIRCRAFT MANUFACTURER (Give Name of Form)

DATE	TITLE	SIGNATURE

V. FAA REPRESENTATIVE CERTIFICATION

(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: [X] The certification requested, or [4] [ ] Amendment or modification of its current airworthiness certificate. Inspection for a special flight permit under Section VII was conducted by: [ ] FAA Inspector; certificate holder under [ ] FAR 65, [ ] FAR 121 or 127, or [ ] FAR 145.

DATE	DISTRICT OFFICE	DESIGNEE'S SIGNATURE AND NO.	FAA INSPECTOR'S SIGNATURE
9-27-76	70-43		W. Friedman

FAA Form 8130-6 (7-70)

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER

NAME	ADDRESS

B. PRODUCTION BASIS *(Check applicable item)*

- [ ] PRODUCTION CERTIFICATE *(Give production certificate number)*
- [ ] TYPE CERTIFICATE ONLY
- [ ] APPROVED PRODUCTION INSPECTION SYSTEM

C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:

DATE OF APPLICATION	NAME AND TITLE *(Print or type)*	SIGNATURE

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

A. DESCRIPTION OF AIRCRAFT

REGISTERED OWNER	ADDRESS
BUILDER *(Maker)*	MODEL
SERIAL NUMBER	REGISTRATION MARK

B. DESCRIPTION OF FLIGHT

FROM	TO	
VIA	DEPARTURE DATE	DURATION

C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT

- [ ] PILOT
- [ ] CO-PILOT
- [ ] NAVIGATOR
- [ ] OTHER *(Specify)*

D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:

E. THE FOLLOWING RESTRICTIONS ARE CONSIDERED NECESSARY FOR SAFE OPERATION *(Use attachment if necessary)*

F. CERTIFICATION—I hereby certify that I am the registered owner (or his agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Administration in accordance with Section 501 of the Federal Aviation Act of 1958, and applicable Federal Aviation Regulations; and that the aircraft has been inspected and is airworthy for the flight described.

DATE	NAME AND TITLE *(Print or type)*	SIGNATURE

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

- [X] A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable
- [X] B. Current Operating Limitations Attached
- [ ] C. Data, Drawings, Photographs, etc. *(Attach when required)*
- [X] D. Current Weight and Balance Information Available in Aircraft
- [ ] E. Major Repair and Alteration, FAA 337 *(Attach when required)*
- [X] F. This Inspection Recorded in Aircraft Records
- [ ] G. Statement of Conformity, FAA Form 317 *(Attach when required)*
- [ ] H. Foreign Airworthiness Certification for Import Aircraft *(Attach when required)*
- [ ] I. Previous Airworthiness Certificate Issued in Accordance with FAR _____ CAR _____ *(Original attached)*
- [X] J. Current Airworthiness Certificate Issued in Accordance with FAR 21.191 _____ *(Copy attached)*

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION:	EXPERIMENTAL	
	PURPOSE:	RESEARCH & DEVELOPMENT	
B	MANU-FACTURER	NAME N/A	
		ADDRESS N/A	
C	FLIGHT	FROM N/A	
		TO N/A	
D	N— 3385F		SERIAL NO. 51-7168
	BUILDER GRUMMAN		MODEL SA-16B
E	DATE OF ISSUANCE 9/27/76		EXPIRY 9/26/77
	OPERATING LIMITATIONS DATED 9/27/76		ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF REPRESENTATIVE Walter Friedman WALTER FRIEDMAN		DESIGNATION OR OFFICE NO. MIA-EMDO 7-0-43

Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding $1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS.

FAA FORM 8130-7 (3-69) SUPERSEDES FAA FORMS 1362-8; 8100-3; 8130-5

SEE REVERSE SIDE

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

A	This airworthiness certificate is issued under the authority of the Federal Aviation Act of 1958 and the Federal Aviation Regulations (FAR).
B	This airworthiness certificate authorizes the manufacturer named on the reverse side to conduct production flight tests, and only production flight tests, of aircraft registered in his name. No person may conduct production flight tests under this certifcate: (1) Carrying persons or property for compensation or hire; and/or, (2) Carrying persons not essential to the purpose of the flight.
C	This airworthiness certificate authorizes the flight specified on the reverse side for the purpose shown in Block A.
D	This airworthiness certificate certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to meet the requirements of the applicable FAR. The aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention On International Civil Aviation. No person may operate the aircraft described on the reverse side: (1) except in accordance with the applicable FAR and in accordance with conditions and limitations which may be prescribed by the Administrator as part of this certificate; (2) over any foreign country without the special permission of that country.
E	Unless sooner surrendered, suspended, or revoked, this airworthiness certificate is effective for the duration and under the conditions prescribed in FAR Part 21 Section 21.181 or 21.217.

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

FEDERAL AVIATION ADMINISTRATION

EXPERIMENTAL - RESEARCH & DEVELOPMENT LIMITATIONS

MAKE: Grumman MODEL: SA-16B SERIAL NO. 51-7168 REG.NO. N3385F

ISSUED: 9/27/76.

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, except for takeoffs and landings shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating into or out of airports with operating control towers.

4. The pilot-in-command of this aircraft must, as applicable, hold an appropriate category/class rating, have an aircraft type rating, have a flight instructor's log book endorsement or possess a "Letter of Authorization" issued by an FAA General Aviation or Air Carrier Operations Inspector.

5. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft shall be operated Day VFR only.

6. This aircraft shall contain the placards, markings, etc. required by FAR 91.31.

7. No person may operate this aircraft for carrying persons or property for compensation or hire.

8. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

10. This aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. This aircraft may not be operated over any foreign country without the special permission of that country.

11. This certificate expire 9/26/77.

Walter Friedman

WALTER FRIEDMAN
Chief, MIA-EMDO

FAA AIRCRAFT REGISTRY
CAMERA NO. 5N DATE: 12-19-83

FEDERAL AVIATION ADMINISTRATION

EXPERIMENTAL - RESEARCH & DEVELOPMENT LIMITATIONS

MAKE: Grumman MODEL: SA-16B SERIAL NO. S1-116B REG.NO. N8858F

ISSUED: 9/27/76

1. No person may operate this aircraft for other than the purpose for which the special purpose airworthiness certificate was issued and the aircraft shall be operated in accordance with the applicable FAA Air Traffic and General Operating Rules.

2. No operations, except for takeoffs and landings shall be conducted over densely populated areas or in congested airways.

3. Operator of this aircraft shall notify the control tower of the experimental nature of this aircraft when operating into or out of airports with operating control towers.

4. The pilot-in-command of this aircraft must, as applicable, hold an appropriate category/class rating, have an aircraft type rating, have a flight instructor's log book endorsement or possess a "Letter of Authorization" issued by an FAA General Aviation or Air Carrier Operations Inspector.

5. Unless appropriately equipped for night and/or instrument flight in accordance with FAR 91.33, this aircraft shall be operated Day VFR only.

6. This aircraft shall contain the placards, markings, etc. required by FAR 91.31.

7. No person may operate this aircraft for carrying persons or property for compensation or hire.

8. The person operating this aircraft shall advise each person carried of the experimental nature of this aircraft.

9. Any major change to this aircraft, as defined by FAR 21.93, invalidates the special airworthiness certificate issued for this aircraft.

10. This aircraft does not meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation. This aircraft may not be operated over any foreign country without the special permission of that country.

11. This certificate expires 9/26/77

WALTER FRIEDMAN
Chief, MIA-FMDO