

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION
50-FSDO-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.

1. AIRCRAFT	MAKE Grunman	MODEL G-21A
	SERIAL NO. E-111	NATIONALITY AND REGISTRATION MARK M777V
2. OWNER	NAME (As shown on registration certificate) Antilles Air Boats	ADDRESS (As shown on registration certificate) West Seaplane Ramp Christiansted, St. Croix, USVI 00820

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Charles Freehling P.O. Box 731 Fredricksted, St. Croix, USVI 00840	☒ U.S. CERTIFICATED MECHANIC	A&P 1617154
	☐ FOREIGN CERTIFICATED MECHANIC	
	☐ 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 May 14, 1978	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Charles Freehling</i>
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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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒ INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION 5/14/78	CERTIFICATE OR DESIGNATION NO. A1 1617154	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Charles Freehling</i>
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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.)

Increase maximum weight to 8750 lbs. In accordance with STC SA 3630WE.

NOTHING FOLLOWS

☐ ADDITIONAL SHEETS ARE ATTACHED

UNITED STATES OF AMERICA — FEDERAL AVIATION AGENCY

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND
REGISTRATION MARKS

N7777V

2. MANUFACTURER AND MODEL

Grumman G-21

3. AIRCRAFT SERIAL
NUMBER

B-111

4. CATEGORY

Aero Bul.
7A

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

3/4/67

FAA REPRESENTATIVE

A. P. Wilson

DESIGNATION NUMBER

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.

MICRO

940

211 3010 21 APR 20 67

37 APR 18 1967
AC-350

Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY				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 reverse side.							
APPLICATION FOR AIRWORTHINESS CERTIFICATE (FAR 21)											
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK N-7777V		2. AIRCRAFT MAKE Grumman		3. AIRCRAFT MODEL DESIGNATION G-21		FAA CODING 3951202 52008				
	4. AIRCRAFT SERIAL NO. B-111		5. ENGINE MAKE Pratt & Whitney		6. ENGINE MODEL DESIGNATION R-985 AN 6						
	7. NO. OF ENGINES Two		8. PROPELLER MAKE Hartzell		9. PROPELLER MODEL DESIGNATION HC-B3Z30-2E						
					10. YR. AIRC. MANUFACTURED 6 January, 1945						
II. CERTIFICATION REQUESTED	A. APPLICATION IS HEREBY MADE FOR:										
	3 X ORIGINAL CERTIFICATE—AIRCRAFT IS		NEW		X USED		IMPORT				
	4 AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE										
	5 OTHER (Specify)										
	B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)										
	1 X STANDARD (Indicate category)		X NORMAL		UTILITY		ACROBATIC	TRANSPORT			
	2 LIMITED										
	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		0	TO SHOW COMPLIANCE WITH FAR					
5 PROVISIONAL (Indicate class)		1	CLASS I		2	CLASS II		FAA CODING			
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)							IF DEALER CHECK HERE →			
	NAME Antilles Air Boats Inc.				ADDRESS (Number, street, city, State and ZIP code) 39 Strand Street Christiansted St. Croix (Virgin Islands)						
	B. AIRCRAFT CERTIFICATION BASIS										
	X AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.) TC-654				AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.) 1966 67-8						
	AIRCRAFT LISTING (Give page No(s.))				SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.)) SAF 52						
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS										
	AIRCRAFT NEW—NO PREVIOUS HISTORY				TOTAL AIRFRAME HOURS—RECORDED 5,875:05				FAA CODING		
	X RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.723										
	I hereby certify that I am the registered owner (or this agent) of the aircraft described above; that the aircraft is registered with the Federal Aviation Agency 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 classification(s) requested.										
	DATE OF APPLICATION 4 April, 1967		NAME AND TITLE (Print or type) G. W. McCoy, Chief Inspector			SIGNATURE G. W. McCoy					
IV. INSPECTION AGENCY VERIFICATION	IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:										
	2 CERTIFICATED AIR CARRIER (Give Certificate No.)		3 CERTIFICATED MECHANIC (IA) (Give Certificate No.)		6 X CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.) #3692		FAA CODING				
	5 AIRCRAFT MANUFACTURER (Give name of firm)										
	DATE 4 April, 1967		TITLE Chief Inspector			SIGNATURE G. W. McCoy					
V. AIRWORTHINESS DOCUMENTATION	X A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT				X G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS						
	B. CURRENT OPERATING LIMITATIONS ATTACHED				H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required)						
	X C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT				I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR _____ CAR _____ (Orig. attached)						
	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required)										
	X E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT				J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH FAR 21.183(d) (Copy attached)						
	X F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)										
VI. FAA REPRESENTATIVE CERTIFICATION	X A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.										
	B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.										
	C. Current Airworthiness Certificate amend.										
	DATE 4-4-67		DESIGNATION NO.		OFFICE NO. MIA EMDO 7-0-43		SIGNATURE A. P. Wilson				

MICRO

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION **SJU FSDO**
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.

1. AIRCRAFT	MAKE GRUMMAN	MODEL G-21A
	SERIAL NO. B-111	NATIONALITY AND REGISTRATION MARK N777TV
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS, INC.,	ADDRESS (As shown on registration certificate) SEAPLANE RAMP, VETERANS DRIVE ST. THOMAS, U.S.V.I.

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS CHARLES R. FREEHLING P.O. Box 731 Fredericksted, St. Croix U.S.V.I. 00840	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☐ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. A&P 1617154
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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.

DATE 18 March 1977	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Charles R. Freehling</i>
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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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒ INSPECTION AUTHORIZATION ☐ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION 18 March 1977	CERTIFICATE OR DESIGNATION NO. I.A. 1617154	SIGNATURE OF AUTHORIZED INDIVIDUAL CHARLES R. FREEHLING <i>Charles R. Freehling</i>
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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.)

The installation of one (1) each left and right, Hartzell Propeller Hub Model # HC-B3Z30-2E. Found install on this aircraft in accordance with Hartzell Propellers Inc., STX SA1-52, Drawing # D1860.

Flight Manual modified for this installation.

NOTHING FOLLOWS.

☐ ADDITIONAL SHEETS ARE ATTACHED

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION
SO - FSDO-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.

1. AIRCRAFT	MAKE GRUMMAN	MODEL G -21A
	SERIAL NO. B - 111	NATIONALITY AND REGISTRATION MARK N7777Y
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS, INC.	ADDRESS (As shown on registration certificate) C'STED., ST. CROIX U.S.V.I. 00820

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTER- ATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT	Pratt & Whitney	R-985-ANI-14B.	4I-4701.	X	
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Caribbean Airmotive, Inc. POBox 4973, Old San Juan, Sta. San Juan, Puerto Rico. 00907	B. KIND OF AGENCY ☒ U.S. CERTIFICATED MECHANIC ☐ FOREIGN CERTIFICATED MECHANIC ☒ CERTIFICATED REPAIR STATION ☐ MANUFACTURER	C. CERTIFICATE NO. #761-22
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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.

DATE June 10-1977	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Jose L. Martinez</i>
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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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒ INSPECTION AUTHORIZATION ☐ CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	☒ REPAIR STATION		

DATE OF APPROVAL OR REJECTION June 10-1977	CERTIFICATE OR DESIGNATION NO. #761-22	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Jose L. Martinez</i>
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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.)

THIS ENGINE WAS RECEIVED AT THIS STATION FOR OVERHAUL.
ENGINE COMPLETELY DISASSEMBLED. ALL PARTS AND COMPONENTS CLEANED.
PERFORM INSPECTION OF ALL PARTS AND COMPONENTS PER P&W, AIRCRAFT
ENGINE OVERHAUL MANUAL. ALL STEEL PARTS MAGNAFLUXED. ALUMINUM PARTS
INSPECTED THOROUGHLY AND ZYGLO CHECKED. ENGINE ASSEMBLED PER P&W OVERHAUL
INSTRUCTION MANUAL. TEST CELL, RUN UP PROVED SATISFACTORY AS PER
P&W, RUN UP PROCEDURE. TIME SINCE MAJOR OVERHAUL 3.10 HRS.

This engine received this station for overhaul.
Engine completely disassembly. All parts and components cleaned.
Perform inspection of all parts and components per P&W, Aircraft
Engine Overhaul Manual. All steel parts Magnafluxed. Aluminum parts
inspected thoroughly and Zyglo, checked. Engine assembled per P&W Overhaul
Instruction Manual. Test Cell, run up proved satisfactory as per
P&W, run up procedure. Time since mayor overhaul 3.10 Hrs.

The following Pratt & Whitney Service Bulletins are complied at this time.
I767, I703, I718, I758, I783, I000, II75, II83, I710.

A/D, been complied with at this time.
57-5-4, 66-I4-4, 68-9-I, 76-20-0I.

NOTHING

FOLLOWS.

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

FOR FAA USE ONLY
OFFICE IDENTIFICATION **SJU FSDO**
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.

1. AIRCRAFT	MAKE GRUMMAN	MODEL G-21A
	SERIAL NO. B 111	NATIONALITY AND REGISTRATION MARK N 7777V U.S.A.
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS, INC.	ADDRESS (As shown on registration certificate) Seaplane Ramp St. Thomas, U.S.V.I. Veterans Drive

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE WHEELS AND BRAKES	30-91 BRAKE			
	MANUFACTURER	40-127 WHEELS	N/A		X

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Charles Pondt ANTILLES AIR BOATS, INC. St. Thomas, U.S.V.I. 00801	U.S. CERTIFICATED MECHANIC	A&P 2109224
	FOREIGN CERTIFICATED MECHANIC	
	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 December 03, 1975	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Charles Pondt</i>
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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

BY	☒ FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 12-03-1975		CERTIFICATE OR DESIGNATION NO. SJU FSDO 7-5-61	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>William J. Barrett</i>	

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.)

Removed main landing gear wheels (2) Hayes Model #G3-56A 30x7 together with Brake Assemblies (2) Hayes Model H-2-102.

Installed Cleveland Aircraft Products, Inc. (2) Brake Assemblies Model #30-91 together with (2) Wheel Assemblies Model #40-127 32x8.8 Type VII.

Weight Removed = 80 lbs. @ ARM 10" = $\frac{800}{1000}$ = .8 I.U.

Weight Added = 119 lbs. @ ARM 10" = $\frac{1190}{1000}$ = 1.19 I.U.

Weight Change = +39 lbs. Moment Changes = -.39 I.U.

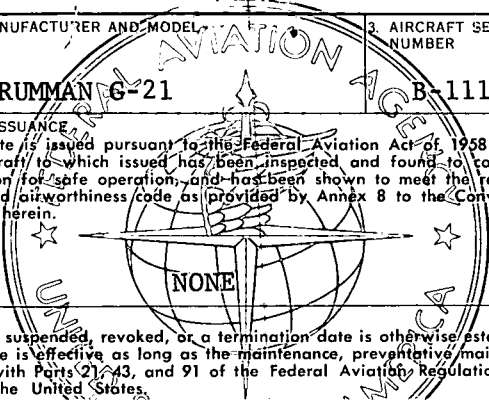
Ref: DRWG #40-127
DRWG #30-91
STC #SA 99 GL December 03, 1975

NOTHING FOLLOWS

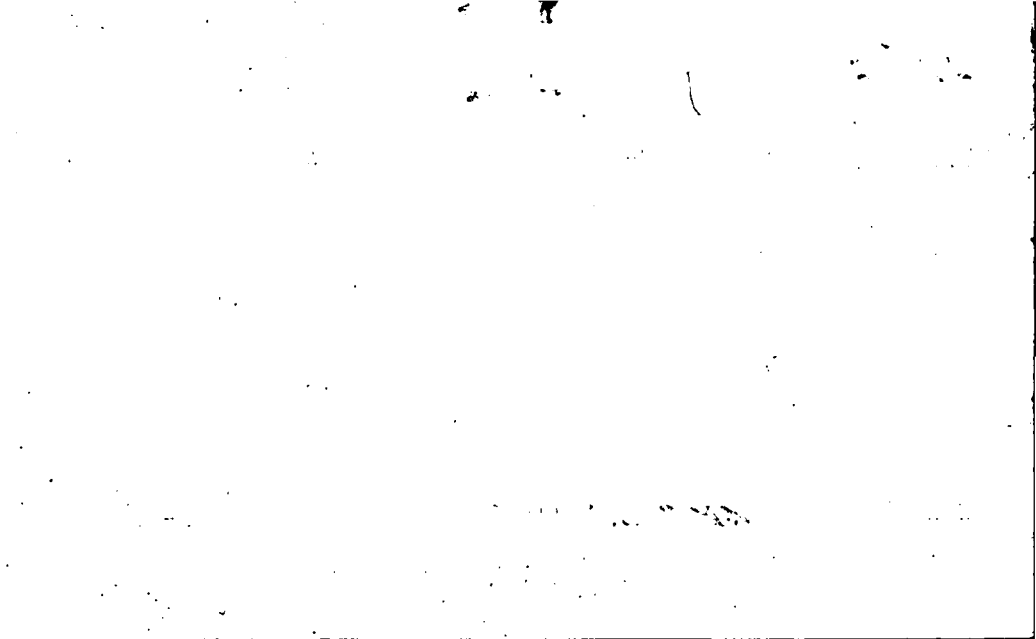
☐ ADDITIONAL SHEETS ARE ATTACHED

UNITED STATES OF AMERICA — FEDERAL AVIATION AGENCY

STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND REGISTRATION MARKS N7777V	2. MANUFACTURER AND MODEL GRUMMAN G-21	3. AIRCRAFT SERIAL NUMBER B-111	4. CATEGORY NORMAL
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 Replacement 4-4-67	FAA REPRESENTATIVE GEORGE E. MATTERN		DESIGNATION NUMBER FSDO/ASJU 7-5-61

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.

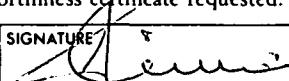
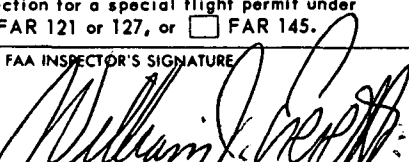


UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental	
	PURPOSE: Show compliance with FAR's	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N— 777V	SERIAL NO. B111
	BUILDER Grumman	MODEL G21A
E	DATE OF ISSUANCE 12-03-75	EXPIRY 12-31-75
	OPERATING LIMITATIONS DATED 12-03-75	ARE A PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE WILLIAM J. EVERETT	DESIGNATION OR OFFICE NO. FDSO/ASJU 7-5-61

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.

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.

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 N 7777V	2. AIRCRAFT BUILDER'S NAME (make) GRUMMAN	3. AIRCRAFT MODEL DESIGNATION G-21A	4. YR. MFG. 1944	FAA CODING 3951204																	
	5. AIRCRAFT SERIAL NO. B-111	6. ENGINE BUILDER'S NAME (make) PRATT & WHITNEY	7. ENGINE MODEL DESIGNATION R-985		52008																	
	8. NUMBER OF ENGINES TWO	9. PROPELLER BUILDER'S NAME (make) HARTZELL	10. PROPELLER MODEL DESIGNATION HCB 3R30-2E		11. AIRCRAFT IS: ☒ 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	X	SPECIAL AIRWORTHINESS CERTIFICATE (Check appropriate items)																			
	2	3	4	5	6	7	8	9	10	11												
											LIMITED	1	CLASS I	2	CLASS II	3	AERIAL SURVEYING	4	AERIAL ADVERTISING			
											PROVISIONAL (Indicate class)	1	AGRICULTURE & PEST CONTROL	2	FOREST (Wild life conservation)	3	PATROLLING	4	WEATHER CONTROL			
											RESTRICTED (Indicate operation(s) to be conducted)	1	RESEARCH AND DEVELOPMENT	2	AMATEUR BUILT	3	EXHIBITION					
											EXPERIMENTAL (Indicate operation(s) to be conducted)	1	RACING	2	CREW TRAINING	3	MKT. SURVEY					
	8	9	10	11	12	13	14	15	16	17												
											SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)	1	TO SHOW COMPLIANCE WITH FAR	2	FERRY FLIGHT FOR REPAIRS, ALTERATIONS, MAINTENANCE OR STORAGE	3	EVACUATE FROM AREA OF IMPENDING DANGER	4	OPERATION IN EXCESS OF MAX. CERTIFICATED TAKE-OFF WEIGHT	5	DELIVERING OR EXPORT	6
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 Veterans Drive, Seaplane Ramp St. Thomas, U.S.V.I. 00801																	
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)																					
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) TC 654				X AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 73-12-6																	
	AIRCRAFT LISTING (Give page No(s).) Page 98				SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated)																	
IV. INSPECTION AGENCY VERIFICATION	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS																					
	CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173		TOTAL AIRFRAME HOURS—Enter for used aircraft only T.T. 13370		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.																					
V. FAA REPRESENTATIVE CERTIFICATION	DATE OF APPLICATION Dec. 03, 1975		NAME AND TITLE (Print or type) Ronald N. Gillies, Maintenance		SIGNATURE 																	
	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.)														
V. FAA REPRESENTATIVE CERTIFICATION	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: ☒ The certification requested, or ☐ 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 DEC 1 1975		DISTRICT OFFICE SJU FSDO 7-5-61		DESIGNEE'S SIGNATURE AND NO.		1	FAA INSPECTOR'S SIGNATURE 														

VIII. AIRWORTHINESS DOCUMENTATION (FAA use only)

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

VI. PRODUCTION FLIGHT TESTING

A. MANUFACTURER		NAME		ADDRESS	
B. PRODUCTION BASIS (Check applicable item)		PRODUCTION CERTIFICATE (Give production certificate number)			
C. GIVE QUANTITY OF CERTIFICATES REQUIRED FOR OPERATING NEEDS:		DATE OF APPLICATION			
APPROVED PRODUCTION INSPECTION SYSTEM		NAME AND TITLE (Print or type)			
TYPE CERTIFICATE ONLY		SIGNATURE			
A. DESCRIPTION OF AIRCRAFT					
REGISTERED OWNER		ANTILLES AIR BOATS, INC.			
BUILDER (Make)		GRUMMAN			
SERIAL NUMBER		B 111			
REGISTRATION MARK		N 777V			
MODEL		G-21A			
ADDRESS		Seaplane Ramp, Veterans Drive U.S.V.I. St. Thomas			
B. DESCRIPTION OF FLIGHT					
FROM		TO			
VIA		DEPARTURE DATE		DURATION	
C. CREW REQUIRED TO OPERATE THE AIRCRAFT AND ITS EQUIPMENT					
X PILOT		CO-PILOT		NAVIGATOR	
OTHER (Specify)					
D. THE AIRCRAFT DOES NOT MEET THE APPLICABLE AIRWORTHINESS REQUIREMENTS AS FOLLOWS:					
Aircraft fitted with non-standard main wheels and brakes. (1) Removed main landing gear wheels (2) Hayes Model #G3-56A, 30X7 together with brake assemblies (2) Hayes Model H-2-102 (2) installed Cleveland Aircraft Products, Inc. (2) brakes assemblies Model #30-91 together with (2) wheel assemblies Model #40-127					
32 X 8.8 Type VII Weight Change + 39 lbs. Moment Change -.39 I.U.					
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.					
NAME AND TITLE (Print or type)		Director of Maintenance		SIGNATURE	
DATE		Dec. 03, 1975			
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			
D. Current Weight and Balance Information Available in Aircraft		J. Current Airworthiness Certificate Issued in Accordance with FAR			
E. Major Repair and Alteration, FAA 337 (Attach when required)		K. This Inspection Recorded in Aircraft Records			

December 3, 1975

Flight Standards District Office
RFD # 1 Box 29A, Loiza Station
San Juan, Puerto Rico 00914

EXPERIMENTAL AIRCRAFT OPERATING LIMITATIONS

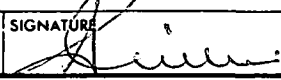
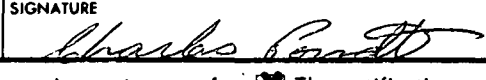
Registered owner: Antilles Air Boats, Inc.
Seaplane Ramp, Veterans Drive
St. Thomas, U.S.V.I.

Make: Grumman, Model G-21A Serial Number B111, Reg. No. N7777V

1. This aircraft is certificated under the provisions of Federal Aviation Regulation 21.191 (b) for showing compliance with Federal Aviation Regulations.
2. Each person operating this aircraft shall comply with the operating limitations prescribed in FAR Part 91, Section 91.42 and shall conduct all flights in accordance with applicable FAA Air Traffic and General Operating Rules.
3. No person may be carried in the aircraft during flight unless that person is essential to the purpose of the flight.
4. All flights shall be conducted to avoid congested airways and to avoid operations over cities, towns, villages, congested or any other areas where flight would create hazardous exposure to persons or property on the ground.
5. The brake and wheel assemblies to be tested are to be installed at the Antilles Air Boats Seaplane Ramp in St. Thomas. The aircraft is to be flown from St. Thomas to Alexander Hamilton Airport, St. Croix where the required tests are to be made.
6. Any major changes to this aircraft or change of ownership invalidates this certificate.

Issued: 12-03-75
Expires: 12-31-75


WILLIAM J. EVERETT
General Airworthiness Inspector

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 N 7777V	2. AIRCRAFT BUILDER'S NAME (make) GRUMMAN	3. AIRCRAFT MODEL DESIGNATION G-21A	4. YR. MFG. 1944	FAA CODING						
	5. AIRCRAFT SERIAL NO. B 111	6. ENGINE BUILDER'S NAME (make) PRATT & WHITNEY	7. ENGINE MODEL DESIGNATION R-985								
	8. NUMBER OF ENGINES TWO	9. PROPELLER BUILDER'S NAME (make) HARTZELL	10. PROPELLER MODEL DESIGNATION HCB 3R30-2E		11. AIRCRAFT IS: XXXXXX 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)									
	2	LIMITED	1	CLASS I							
		5	PROVISIONAL (Indicate class)	2	CLASS II						
			3	RESTRICTED (Indicate operation(s) to be conducted)	1	AGRICULTURE & PEST CONTROL	2	AERIAL SURVEYING	3	AERIAL ADVERTISING	
		4		EXPERIMENTAL (Indicate operation(s) to be conducted)	4	FOREST (Wild life conservation)	5	PATROLLING	6	WEATHER CONTROL	
	8		SPECIAL FLIGHT PERMIT (Indicate operation to be conducted then complete Section VI or VII as applicable on reverse side)	0	OTHER (Specify)						
				1	RESEARCH AND DEVELOPMENT	2	AMATEUR BUILT	3	EXHIBITION		
				4	RACING	5	CREW TRAINING	6	MKT. SURVEY		
0		TO SHOW COMPLIANCE WITH FAR									
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 Veterans Drive, Seaplane Ramp St. Thomas, U.S.V.I.						
	B. AIRCRAFT CERTIFICATION BASIS (Check applicable blocks and complete items as indicated)										
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Revision No.) TC 654				AIRWORTHINESS DIRECTIVES (Check if all applicable AD's complied with and give latest AD No.) 73-12-6						
	AIRCRAFT LISTING (Give page No(s).) Page 98				SUPPLEMENTAL TYPE CERTIFICATE (List number of each STC incorporated) SA 551 SW and SA1-52						
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS										
CHECK IF RECORDS IN COMPLIANCE WITH FAR 91.173		TOTAL AIRFRAME HOURS—Enter for used aircraft only T.T. 13373		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 Dec. 04, 1975		NAME AND TITLE (Print or type) Ronald N. Gillies Director of Maintenance		SIGNATURE 							
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.) A&P2109224	6	CERTIFICATED REPAIR STATION (Give Certificate No.)					
	5	AIRCRAFT MANUFACTURER (Give Name of Firm)									
	DATE 12/3/75		TITLE Lead Mechanic		SIGNATURE 						
V. FAA REPRESENTATIVE CERTIFICATION	(Check ALL applicable blocks) I find that the aircraft described in Section I or VII meets the requirements for: ☒ The certification requested, or ☐ 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 DEC 3, 1975	DISTRICT OFFICE SJU FSDO 7-5-61	DESIGNEE'S SIGNATURE AND NO. 4		FAA INSPECTOR'S SIGNATURE 						

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST									
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 _____									
A. DESCRIPTION OF AIRCRAFT REGISTERED OWNER _____ BUILDER (Make) _____ MODEL _____ 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 _____									
Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable A. Operating Limitations and Markings in Compliance with FAR 91.31 as Applicable B. Current Operating Limitations Attached C. Data, Drawings, Photographs, etc. (Attach when required) D. Current Weight and Balance Information Available in Aircraft E. Major Repair and Alteration, FAA 337 (Attach when required) 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) J. Current Airworthiness Certificate Issued in Accordance with FAR _____ (Copy attached)									

III. AIRWORTHINESS DOCUMENTATION (FAA use only)

VII. SPECIAL FLIGHT PERMIT PURPOSES OTHER THAN PRODUCTION FLIGHT TEST

VI. PRODUCTION FLIGHT TESTING

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1. NATIONALITY AND
REGISTRATION MARKS

N7777V

2. MANUFACTURER AND MODEL

Grumman G-21A

3. AIRCRAFT SERIAL
NUMBER

B111

4. CATEGORY

**Aero
Bulletin 7A**

5. AUTHORITY AND BASIS FOR ISSUANCE

This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1938 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, preventive 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

12/3/75

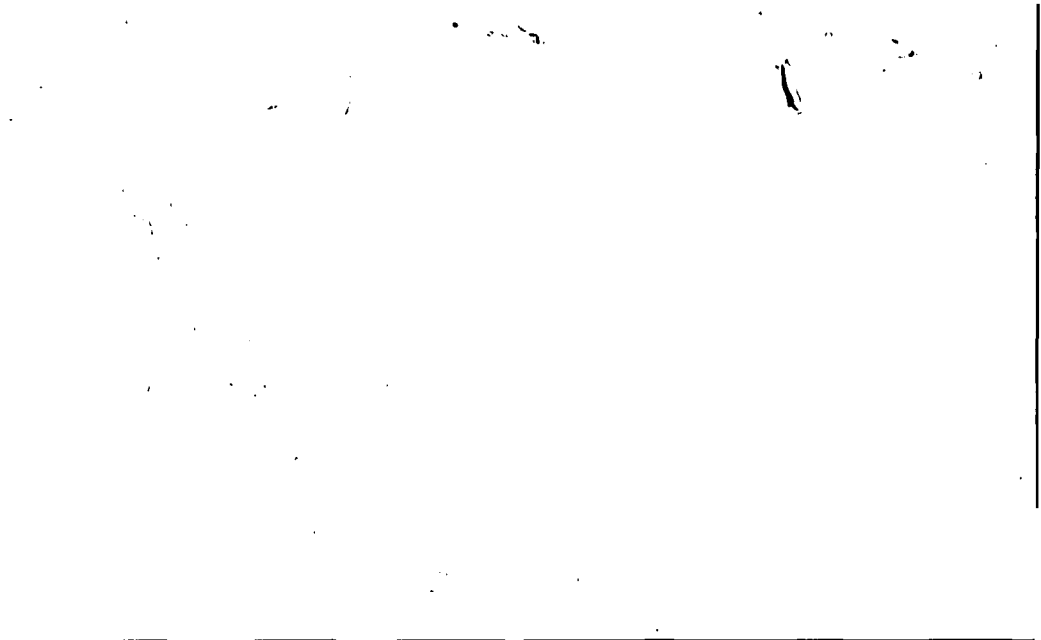
FAA REPRESENTATIVE

William J. Everett

DESIGNATION NUMBER

**SJU FSD
7-5-61**

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.



UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION — FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CLASSIFICATION: Experimental	
	PURPOSE: Show compliance with FAR's	
B	MANUFACTURER	NAME N/A
		ADDRESS N/A
C	FLIGHT	FROM N/A
		TO N/A
D	N- 7777V	SERIAL NO. B111
	BUILDER Grumman	MODEL G21A
E	DATE OF ISSUANCE 12/03/75	EXPIRATION DATE 12/31/75
	OPERATING LIMITATIONS DATED 12/03/75 ARE A PART OF THIS CERTIFICATE	
	SIGNATURE OF FAA REPRESENTATIVE <i>William J. Everett</i> William J. Everett	DESIGNATION OR OFFICE NO. FSDO/ASJU 7-5-61

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.

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.

FEDERAL AVIATION AGENCY

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller, or Appliance)

 Approved
 Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION
SJO FSDU

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.

1. AIRCRAFT	MAKE <i>Grumman</i>	MODEL <i>G-21A</i>
	SERIAL NO. <i>B-111</i>	NATIONALITY AND REGISTRATION MARK <i>N-7777V</i>
2. OWNER	NAME (As shown on registration certificate)	ADDRESS (As shown on registration certificate)
	ANTILLES AIR BOATS, INC.	SEAPLANE RAMP VETERANS DRIVE ST. THOMAS, U.S. VIRGIN ISLANDS

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT	PRATT & WHITNEY	R985-AN1	42-122417	X	
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
ENGINE SUPPORT, INC. SEBRING AIR TERMINAL P.O. BOX 631 SEBRING, FLORIDA	☐ U.S. CERTIFICATED MECHANIC	3610 POWER PLANT CLASS 1 & 2
	☐ FOREIGN CERTIFICATED MECHANIC	
	☒ 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 INDIVIDUAL
July 1, 1971	<i>Burt Peterson</i>

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 Agency and is ☒ APPROVED ☐ REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL	
July 1, 1971		3610	<i>Laurie Dicks</i> Laurie Dicks, Chief Inspector	

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.)

Engine received this station for overhaul. Engine given receiving inspection, completely disassembled 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 Inspection).
FAA A.D. Note 57-5-4 has been complied with (Crankshaft).
FAA A.D. Note 66-14-4 (One Piece Cam Reduction Gear) complied with.
FAA A.D. Note 68-9-1 (Fly Weights and Fly Weight Liners) complied with.

50-8500-61/SM
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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Form Approved
Budget Bureau No. 04-R060.1

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION

FSDO

SAN JUAN

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 <i>GRUMMAN</i>	MODEL <i>G-21A</i>
	SERIAL NO. <i>B-111</i>	NATIONALITY AND REGISTRATION MARK <i>N7777V</i>
2. OWNER	NAME (As shown on registration certificate) <i>Antilles Air Boats, Inc.</i>	ADDRESS (As shown on registration certificate) <i>Seaplane Ramp, Veterans Drive St. Thomas, V. I. 00801</i>

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in Item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <i>Dale E. Bartholomew % Antilles Air Boats, Inc. St. Thomas, V. I. 00801</i>	B. KIND OF AGENCY	C. CERTIFICATE NO. <i>A & P 1814610</i>
	☒ U.S. CERTIFICATED MECHANIC	
	☐ FOREIGN CERTIFICATED MECHANIC	
	☐ 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 <i>04/25/73</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Dale E. Bartholomew</i>
-------------------------	--

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

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <i>04/25/73</i>		CERTIFICATE OR DESIGNATION NO. <i>IA1496292</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>W. J. Everett</i>		

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.

NOTICE

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 rudder and elevator push-pull rods, Bell cranks and Bellerack attach fittings an inspection access door has been provided as follows:

A. One hole made on each side of the hull between hull stations nine and ten, 16.5 inches above the chine, 14.5 inches forward of each main gear wheel well. All corners 5/16" radius.

B. One doubler of 2024T3 X .050 X 10 3/4 " X 9 3/4 " riveted on the inside of the hole to restore skin strength at the location of the access hole. Double row of rivets used with 1" spacing as in skin joints of airframe.

C. A hole of 5 1/4" vertical dimension and 6.5" longitudinal dimension has been cut in the doubler and provides actual inspection facilities as mentioned above.

D. # 8 X 3/8 Gang-nut channel with 3/4" spacing provides the attachment of water ~~well~~ cover constructed in the same manner as water tight doors on floats and large water tight door on wheel well on R/H side of hull. Cover installed on Sealant surface and torqued in same manner as wheel well inspection door.

E. All work done in accordance with Grumman Structure and Repair Manual Nav. Aer. 01-85V-3, Page 196, Figure 110 and AC 43-13-1, Chapter 2, Section 3, Paragraph 60-68. AC-43-13-2, Chapter 1, Paragraphs 4 thru 8.

NOTHING FOLLOWS.

ASO-RSDO-61/SJU

Rcvd

6/7/73

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

FOR FAA USE ONLY

OFFICE IDENTIFICATION
FSDO 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.

1. AIRCRAFT	MAKE GRUMMAN	MODEL G-21A
	SERIAL NO. B-111	NATIONALITY AND REGISTRATION MARK N-7777V
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS, INC.	ADDRESS (As shown on registration certificate) SEAPLANE RAMP, VETERANS DRIVE ST. THOMAS, U.S.V.I. 00801

3. FOR FAA USE ONLY

The data identified herein complies with the applicable airworthiness requirements and is approved for duplication on identical aircraft make, model, and altered configuration when accomplished by the original modifier.

12-27-71

DATE

Signature of FAA Inspector

4. UNIT IDENTIFICATION

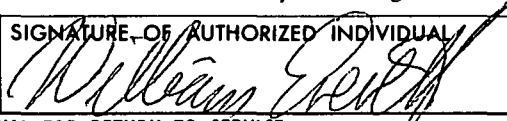
5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

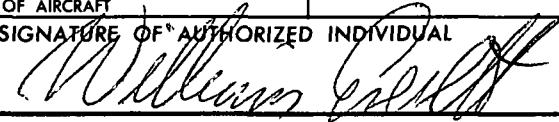
A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
WILLIAM EVERETT o/o Pan American Airways P.O. Box 208 St. Thomas, U.S.V.I.	☒ U.S. CERTIFICATED MECHANIC	IA 1496292
	☐ FOREIGN CERTIFICATED MECHANIC	
	☐ CERTIFICATED REPAIR STATION	
	☐ MANUFACTURER	

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 12/16/71	SIGNATURE OF AUTHORIZED INDIVIDUAL 
-------------------------	--

7. APPROVAL FOR RETURN TO SERVICE

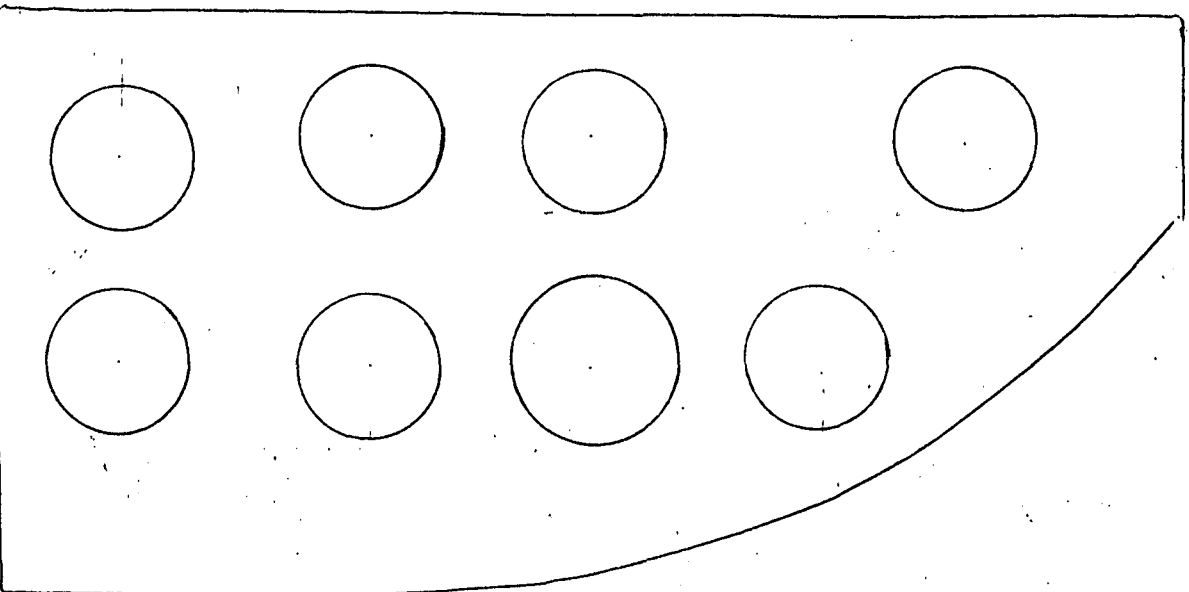
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ APPROVED ☐ REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	☒ INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 12/16/71		CERTIFICATE OR DESIGNATION NO. IA 1496292		SIGNATURE OF 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 is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)



- (1) AIRSPEED INDICATOR (2) GYRO HORIZON (3) ALTITUDE (4) BANK AND TURN
- (5) MAGNETIC COMPASS (6) RATE OF CLIMB (7) VACUUM GAGE (8) OMNI INDICATOR

Flight instrument panel modified to provide standardization throughout the fleet. Standardization of layout provides more efficient scanning of instruments by pilot and also permits improved arrangement of Pilot, Static and Vacuum Lines.

Panel Material: .070" 2024-T3 anodized (same as original)
 Mounting: Original G-21A location and shock mounts.
 Finish: Olive green epoxy enamel.

Magnesium compass flux gate mounted in rear baggage compartment roof at station 27. Switches and circuit breakers properly placarded--total continuous electrical load does not exceed 80% generator capacity.

See aircraft records and weight and balance records for weight change.
 All work done in accordance with AC-43-13-1, chapter 2, section 3, part 61-68; and AC-43-18-2, chapter 11, section 181-184.

NOTHING FOLLOWS

ADDITIONAL SHEETS ARE ATTACHED

50-FSDO-61/SJT

FEDERAL AVIATION AGENCY

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

OFFICE IDENTIFICATION

SJU FSDO

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

1. AIRCRAFT	MAKE <i>Grumman</i>	MODEL <i>G-21</i>
	SERIAL NO. <i>B 111</i>	NATIONALITY AND REGISTRATION MARK <i>N7777V</i>
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS, INC.	ADDRESS (As shown on registration certificate) 39 Strand St., Christiansted St. Croix, US Virgin Islands

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	 (As described in item 1 above)				
POWERPLANT	PRATT & WHITNEY	R985-AN14B	18114	X	
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
EIGHTH AIR DEPOT, INC. SEBRING AIR TERMINAL P.O. Box 631 SEBRING, FLORIDA	☐ U.S. CERTIFICATED MECHANIC	3610 POWER PLANT CLASS 1 & 2
	☐ FOREIGN CERTIFICATED MECHANIC	
	☒ 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 April 15, 1969	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>George W. Dumont</i> George W. Dumont, Chief Inspector
-------------------------------	---

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 Agency and is ☒ APPROVED ☐ REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE X	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION April 15, 1969		CERTIFICATE OR DESIGNATION NO. 3610	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>George W. Dumont</i> George W. Dumont, Chief Inspector	

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.)

Engine received this station for overhaul. Engine given receiving inspection, completely disassembled 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.

RAA A.D. Note 56-6-2 complied with (Cylinder Inspection).
 RAA A.D. Note 57-5-4 has been complied with (Crankshaft).
 RAA A.D. Note 66-14-4 (One Piece Cam Reduction Gear) complied with.
 RAA A.D. Note 68-9-1 (Fly Weights and Fly Weight Liners) complied with.

FILE COPY
 FSDO

5 June 69

Engr. *[Signature]*
 CTRC. DIST.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

OKLAHOMA CITY, OKLA.

JUN 19 1 00 PM '69

REGISTRY
 ADDITIONAL SHEETS ARE ATTACHED

FEDERAL AVIATION AGENCY MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)				Form Approved Budget Bureau No. 04-R060.1 FOR FAA USE ONLY OFFICE IDENTIFICATION SSU FSDO 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.						
1. AIRCRAFT	MAKE	GUMMAN		MODEL	B-21-A-1A	
	SERIAL NO.	B11-A		NATIONALITY AND REGISTRATION MARK		
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)		
	ANTILLES AIR BOATS, INC.			39 Strand Street, Christiansted St. Croix, US Virgin Islands		
3. FOR FAA USE ONLY						
4. UNIT IDENTIFICATION						5. TYPE
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION	
AIRFRAME	***** (As described in item 1 above) *****					
POWERPLANT	PRATT & WHITNEY	R985-AN1	011768	X		
PROPELLER						
APPLIANCE	TYPE					
	MANUFACTURER					
6. CONFORMITY STATEMENT						
A. AGENCY'S NAME AND ADDRESS			B. KIND OF AGENCY		C. CERTIFICATE NO.	
EIGHTH AIR DEPOT, INC. SEBRING AIR TERMINAL P.O. Box 631 SEBRING, FLORIDA					3610 POWER PLANT CLASS 1 & 2	
			U.S. CERTIFICATED MECHANIC			
			FOREIGN CERTIFICATED MECHANIC			
			X 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 INDIVIDUAL			
December 21, 1968			George W. Dumont George W. Dumont, Chief Inspector			
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 Agency and is ☒ APPROVED ☐ REJECTED						
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION		OTHER (Specify)	
	FAA DESIGNEE	X REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT			
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.		SIGNATURE OF AUTHORIZED INDIVIDUAL		
December 21, 1968		3610		George W. Dumont George W. Dumont, Chief Inspector		

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.

CONVEYANCE
FAA AIRCRAFT
LED WITH
REGISTRATION

OKLAHOMA CITY, OKLA

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

FILE COPY
R S D O
3/24/69
NRPV
180
180

7 ADDITIONAL SHEETS ARE ATTACHED
MICRO

940

6-30-67
30 Form Approved.
Budget Bureau No. 04-R058.2

FEDERAL AVIATION AGENCY				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 reverse side.				
APPLICATION FOR AIRWORTHINESS CERTIFICATE (FAR 21)								
I. AIRCRAFT DESCRIPTION	1. REGISTRATION MARK 7777V		2. AIRCRAFT MAKE		3. AIRCRAFT MODEL DESIGNATION		FAA CODING 3951202 52008 45	
	4. AIRCRAFT SERIAL NO. B-111		5. ENGINE MAKE		6. ENGINE MODEL DESIGNATION			
	7. NO. OF ENGINES 2		8. PROPELLER MAKE		9. PROPELLER MODEL DESIGNATION			
II. CERTIFICATION REQUESTED	A. APPLICATION IS HEREBY MADE FOR:							
	☒ ORIGINAL CERTIFICATE—AIRCRAFT IS		NEW		USED		IMPORT	
	☐ AMENDMENT OR MODIFICATION OF CURRENT CERTIFICATE							
	☐ OTHER (Specify)							
	B. AIRWORTHINESS CLASSIFICATION (For multiple certification, check appropriate items)							
	☒ STANDARD (Indicate category)		NORMAL		UTILITY		ACROBATIC	TRANSPORT
	☐ LIMITED							
	☐ RESTRICTED (Indicate operation(s) to be conducted)		☐ AGRICULTURE & PEST CONTROL		☐ AERIAL SURVEYING		☐ AERIAL ADVERTISING	
			☐ FOREST (Wild life conservation)		☐ PATROLLING		☐ WEATHER CONTROL	
			☐ OTHER (Specify)					
☐ EXPERIMENTAL (Indicate operation(s) to be conducted)		☐ RESEARCH AND DEVELOPMENT		☐ AMATEUR BUILT		☐ EXHIBITION		
		☐ RACING		☐ TO SHOW COMPLIANCE WITH FAR				
☐ PROVISIONAL (Indicate class)		☐ CLASS I		☐ CLASS II		FAA CODING		
III. OWNER'S CERTIFICATION	A. REGISTERED OWNER (As shown on Certificate of Aircraft Registration)							
	NAME				ADDRESS (Number, street, city, State and ZIP code)			
	B. AIRCRAFT CERTIFICATION BASIS							
	AIRCRAFT SPECIFICATION OR TYPE CERTIFICATION DATA SHEET (Give No. and Rev. No.)				AIRWORTHINESS DIRECTIVE SUMMARY (Give year and last card No.)			
	AIRCRAFT LISTING (Give page No(s.))				SUPPLEMENTAL TYPE CERTIFICATE (Give No(s.))			
	C. AIRCRAFT OPERATION AND MAINTENANCE RECORDS							
	☐ AIRCRAFT NEW—NO PREVIOUS HISTORY				TOTAL AIRFRAME HOURS RECORDED		FAA CODING	
	☐ RECORDS MAINTAINED IN COMPLIANCE WITH FAR 91.173							
	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 Agency 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 classification(s) requested.							
	DATE OF APPLICATION		NAME AND TITLE (Print or type)			SIGNATURE		
IV. INSPECTION AGENCY VERIFICATION	IN ACCORDANCE WITH FAR 21.183, THE AIRCRAFT DESCRIBED ABOVE HAS BEEN INSPECTED AND FOUND AIRWORTHY BY:							
	☒ CERTIFICATED AIR CARRIER (Give Certificate No.)		☒ CERTIFICATED MECHANIC (IA) (Give Certificate No.)		☒ CERTIFICATED DOMESTIC REPAIR STATION (Give Certificate No.)		FAA CODING 3692	
	☐ AIRCRAFT MANUFACTURER (Give name of firm)							
	DATE		TITLE			SIGNATURE		
V. AIRWORTHINESS DOCUMENTATION	A. CURRENT OPERATING LIMITATIONS AVAILABLE IN AIRCRAFT				G. THIS INSPECTION RECORDED IN AIRCRAFT RECORDS			
	B. CURRENT OPERATING LIMITATIONS ATTACHED				H. STATEMENT OF CONFORMITY, FAA FORM 317 (Attach when required)			
	C. CURRENT APPROVED FLIGHT MANUAL AVAILABLE IN AIRCRAFT				I. PREVIOUS AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH			
	D. DATA, DRAWINGS, PHOTOGRAPHS, ETC. (Attach when required)				FAR _____ CAR _____ (Orig. attached)			
	E. CURRENT WEIGHT & BALANCE INFORMATION AVAILABLE IN AIRCRAFT				J. AIRWORTHINESS CERTIFICATE ISSUED IN ACCORDANCE WITH			
	F. MAJOR REPAIR AND ALTERATION, FAA FORM 337 (Attach when req.)				FAR _____ (Copy attached)			
VI. FAA REPRESENTATIVE CERTIFICATION	A. I have inspected the aircraft described above, find it conforms to its type certificate, and is in condition for safe operation.							
	B. I have inspected the aircraft described above, find it is in condition for safe experimental operation.							
	C. Current Airworthiness Certificate amended.							
	DATE 4-67		DESIGNATION NO.		OFFICE NO. 7-43		SIGNATURE	

1219-134 MAY 1 1967

FEDERAL AVIATION AGENCY

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

Form Approved
Budget Bureau No. 04-R060.1
FOR FAA USE ONLY
OFFICE IDENTIFICATION
MTA GADO
7-3-05

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 G21
	SERIAL NO. B-111	NATIONALITY AND REGISTRATION MARK N7777V
2. OWNER	NAME (As shown on registration certificate) ANTILLES AIR BOATS INC	ADDRESS (As shown on registration certificate) 39 STRAND ST. (VIRGIN ISLANDS) CHRISTIANSTED, ST. CROIX

3. FOR FAA USE ONLY

The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43, section 43.7.

4-5-67 J.B. Beals
Date Signature of FAA Inspector

4. UNIT IDENTIFICATION

UNIT	MAKE	MODEL	SERIAL NO.	5. TYPE	
				REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				X
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS HARLEY L. DAVIS 8120 W 12 AVE MIALEAH, FLA	☒	B. KIND OF AGENCY	C. CERTIFICATE NO. A-1690296
		U.S. CERTIFICATED MECHANIC	
		FOREIGN CERTIFICATED MECHANIC	
		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 4-4-67	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Harley L. Davis</i>
-----------------------	--

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 Agency and is ☒ **APPROVED** ☐ **REJECTED**

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify) Verified by Operator #104
	FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 4-4-67		CERTIFICATE OR DESIGNATION NO. E-5769	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>A.L. Mauthe</i>	

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.

NOTICE

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

A TWO PLACE DIVAN MADE IN ACCORDANCE WITH ASSOCIATED

AIRCRAFT EQUIPMENT INC, DRAWING #C-126A AND A THREE PLACE

DIVAN MADE IN ACCORDANCE WITH ASSOCIATED AIRCRAFT EQUIPMENT

INC, DRAWING #C-154A BOTH APPROVED BY S.A. TWO DER SO-184

WERE INSTALLED IN THE GRUMMAN G21 AIRCRAFT IN ACCORDANCE

WITH ASSOCIATED AIRCRAFT EQUIPMENT INC DRAWING #C-177 CHANGE

A APPROVED 4-3-67 BY FAA EDO 43, MIAMI FLORIDA.

NEW WEIGHT AND BALANCE DATA

EMPTY WEIGHT-6042# C.G.- +22.58" USEFUL LOAD 1958#

Weight	Arm	Moment
8000	23.892	191136

Most forward condition

With minimum fuel(66 2/3 gals.) and full forward baggage (300#) the aft seat on the 2 place divan is not to be occupied and only 126# of baggage may be carried in the rear compartment.

Most rearward condition with full fuel (220 gals.)

Weight	Arm	Moment
7984	23.72	189402

With full fuel (220 gals.) only one pilot and passengers in seats 1 and 2 of the forward divan and no baggage may be carried.

Most rearward condition with all seats filled and minimum fuel(66 2/3 gallons)

Weight	Arm	Moment
8000	31.47	251816

With all seats filled and minimum fuel (66 2/3 gals.) only 256# of baggage may be carried in either or both compartments.

See Equipment list for location of divans and arms of occupants.



ADDITIONAL SHEETS ARE ATTACHED

1210 APR 18 1967

37 APR 18 1967

FEDERAL AVIATION AGENCY

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

Form Approved
Budget Bureau No. 04-R060.1

FOR FAA USE ONLY

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.

1. AIRCRAFT	MAKE Grumman	MODEL G-21
	SERIAL NO. B-111	NATIONALITY AND REGISTRATION MARK N-7777V
2. OWNER	NAME (As shown on registration certificate) Antilles Air Boats Inc.	ADDRESS (As shown on registration certificate) 39 Strand St. (Virgin Islands) Christiansted St. Croix

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

5. TYPE

UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT					
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS	B. KIND OF AGENCY	C. CERTIFICATE NO.
Air International P.O. Box 603 International Airport Branch Miami, Florida 33148	☐ U.S. CERTIFICATED MECHANIC	Airframe Class 3 & 4 #3692
	☐ FOREIGN CERTIFICATED MECHANIC	
	☒ 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 4 April, 1967	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>G. W. McCoy</i> G. W. McCoy, Chief Inspector
------------------------------	---

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 Agency and is ☒ APPROVED ☐ REJECTED

BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	☒ REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 4 April, 1967		CERTIFICATE OR DESIGNATION NO. 3692	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>G. W. McCoy</i> G. W. McCoy, Chief Inspector	

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.)

Aircraft weighed and equipment list issued.
Aircraft inspected to conform to Aircraft Specification TC 654.
All applicable A.D. Notes complied with to include card No. 67-8
Periodic Inspection Complied With.

END

☐ ADDITIONAL SHEETS ARE ATTACHED

MICROFILM

APPLICATION FOR CERTIFICATE OF AIRWORTHINESS FOR EXPORT

EXPORT CERTIFICATE NO. (To be filled in by CAA representative)
E-27345

INSTRUCTIONS

This application should be submitted (one copy only) to a representative of the CAA when the article² to be exported is presented for inspection and should be executed as follows:

- A. Items 1, 2, 3, and 7, in connection with all exports, and
B. For Complete Aircraft, items 4A, C, D (excluding propeller

serial numbers), 5, and, when applicable, 6 and 8.

C. For Engines, items 4C and 8, and, when applicable, 6.

D. For Propellers, items 4D and 8.

~~E. For Type Certificated Equipment~~-(other than engines or propellers), items 4B, and, when applicable, 8.

APPLICATION IS MADE FOR A CERTIFICATE OF AIRWORTHINESS FOR EXPORT TO COVER THE PRODUCT(S) DESCRIBED BELOW, WHICH IS:

☐ NEW ☐ USED ☒ MILITARY SURPLUS ☐ DELEGATION OPTION

1. NAME AND ADDRESS OF EXPORTER

**Eveready Supply Company
Bridgeport 4, Connecticut**

2. NAME AND ADDRESS OF FOREIGN PURCHASER

**John C. Udd
Glenora Park, R. R. #3
Brockville, Ontario, Canada**

3. COUNTRY OF DESTINATION

Canada

DESCRIPTION OF PRODUCT(S)

UNIT	MAKE AND MODEL	SERIAL NO.	IDENTIFICATION NO.	T. C. NO.	P. C. NO.
A. COMPLETE AIRCRAFT	Grumman G-21-A	B-111	CF-UDD	654	23
B. EQUIPMENT		TYPE OF EQUIPMENT (Such as float, ski, etc.)	QUANTITY		

C. ENGINE(S)

	MANUFACTURER	MODEL	T. C. NO.	P. C. NO.	SERIAL NO. ³
(1)	Pratt & Whitney	R-985-AN-14B	5E-1	None	L -JP-210362
(2)	Division of United Aircraft Corp.,	R-985-AN-6B	5E-1	None	R -JP-215140
(3)	Windsor Locks, Conn.				
(4)					
(5)					
(6)					

D. PROPELLER(S)

	MANUFACTURER	MODEL	T. C. NO.	P. C. NO.	SERIAL NO. ³
(1)	Hamilton Standard	2D30-235	206	14	T-28503
(2)	Division of United Aircraft Corp.,	2D30-235	206	14	T-36937
(3)	Windsor Locks, Conn.				
(4)					
(5)					
(6)					

¹See CAR 1.1(4).

²Only complete type certificated aircraft, aircraft engines, propellers, wheels, floats, skis, position lights, and landing flares are eligible for a certificate of airworthiness for export.

³Serial numbers not required with respect to propellers installed in aircraft being exported.

5. FLIGHT TEST (AN AIRCRAFT SHALL BE FLIGHT-TESTED NOT EXCEEDING 60 DAYS PRIOR TO INSPECTION FOR EXPORT AND THE FOLLOWING ENTRIES WITH RESPECT THERETO SHALL BE MADE)

DATE OF FLIGHT TEST

9-17-56

DURING THIS TEST DID THE CONTROLS, POWER PLANT, AND INSTRUMENTS FUNCTION SATISFACTORILY

☒ YES ☐ NO (Explain in "Remarks")

6. INDICATE BELOW, THE OPERATING HISTORY OF USED AIRCRAFT AND AIRCRAFT ENGINES BEING EXPORTED

UNITS AS LISTED IN ITEMS 4A AND C	DATE—			OPERATING TIME (Hours)	
	MANUFACTURED	MODIFIED	OVERHAULED	TOTAL	SINCE OVERHAUL
COMPLETE AIRCRAFT	1-10-45	----	5-17-48	2939:20	940:30
ENGINES	a. Unknown		4-24-56	L 1945:31	7:31
	b. Unknown			R 1734:36	7:51
	c.				
	d.				
	e.				
	f.				

7. DOES THE UNIT(S) FOR WHICH A CERTIFICATE OF AIRWORTHINESS FOR EXPORT IS REQUESTED COMPLY WITH—

A. APPLICABLE CIVIL AIR REGULATIONS, AIRWORTHINESS DIRECTIVES, AND OTHER REQUIREMENTS OF THE CAA

☒ YES ☐ NO (Explain in "Remarks")

B. APPLICABLE SPECIAL REQUIREMENTS OF THE COUNTRY OF DESTINATION

☒ YES ☐ NO (Explain in "Remarks")

8. PARTS SUSCEPTIBLE TO RAPID CORROSION HAVE BEEN PROPERLY TREATED

☐ YES ☒ NO DATE

☐ TO BE TREATED, AS PER EXPLANATION UNDER "REMARKS"

9. REMARKS:

All aircraft and engine log books and historical records are in the aircraft. Form ACA-319, Periodic Inspection Report, executed for 100 hour inspection. Aircraft is being exported to Canada via flyaway. No special pickling deemed necessary.

The undersigned, on his own behalf or having been duly authorized by the exporter or purchaser described herein, certifies that the above statements are true and that the unit(s) described herein is (are) airworthy and in a condition for safe operation, except as noted under "Remarks" above.

Bruce Roast

9-18-56

Bruce Roast

Agent

(DATE)

(SIGNATURE OF APPLICANT OR AUTHORIZED REPRESENTATIVE)

(TITLE)

APPROVAL

It has been determined that the data given in items 5, 7, 8, and 9 above, insofar as they relate to the airworthiness of the product(s) described herein, are true and correct, and that the product(s) is (are) in a state of airworthiness equivalent to that required for a similar product certificated as: or installed on, a civil aircraft of U. S. registry.

NAME AND ADDRESS OF THE APPROVING AGENCY

Aviation Safety District Office, Civil Aeronautics Administration,
Hangar #3, Rochester-Monroe County Airport, Rochester, New York

DATE

9-18-56

TITLE AND SIGNATURE OF CAA AGENT OR AGENCY REPRESENTATIVE

R. D. Dwyll, Aviation Safety Agent

SIGNATURE OR REPAIR STATION NO.

1-17

ASDO 17

United States of America
Department of Commerce
Civil Aeronautics Administration
Washington

Certificate of Airworthiness for Export

No.
E-27345

This certifies that the product(s) identified below, and more particularly described in Specification(s)¹ Number(s) A-654, 5E-1, P-206, has been examined and, as of the date of this certificate, is considered airworthy in accordance with applicable airworthiness requirements of the United States Government, and in compliance with special requirements of the importing country as filed with the United States Government, except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser with respect to the product(s) described.

Manufacturers Name and Address: **Grumman Aircraft Engineering Corporation**
Beth Page, New York

Product: **Aircraft**

Model: **G-21-A**

Serial No.: **B-111**

New ☐ Used ☐ Military Surplus ☒ Delegation Option ☐

Country to which exported: **Canada**
Consignee: **John C. Udd**
Glenora Park, R. R. #3
Brockville, Ontario, Canada



9-18-56

DATE

- 1 Pratt & Whitney model R-985-AN-14- engine, serial number JP-210362 installed.
- 1 Pratt & Whitney model R-985-AN-6F engine, serial number JP-215140 installed
- 2 Hamilton Standard 2D-30-235 propellers, hub serial numbers T-28503 and T-36937 installed.

R. D. Deyell
R. D. Deyell

SIGNATURE OF CAA AGENT OR DESIGNEE

Aviation Safety Agent

DESIGNEE TITLE AND COMPANY REPRESENTED
Civil Aeronautics Administration
1-17

DESIGNEE NUMBER

¹ For complete aircraft, list applicable specification numbers for the aircraft, engine, and propeller. Applicable specifications, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

ADMIN. & RECORDS BRANCH
W-300

OCT 4 1 21 PM '56

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TELEGRAM

OFFICIAL BUSINESS—GOVERNMENT RATES

FROM _____

BUREAU _____

CHG. APPROPRIATION _____

10-1723 U. S. GOVERNMENT PRINTING OFFICE

DISTRICT CONTROLLER OF AIR SERVICES
MONTREAL INTERNATIONAL AIRPORT
DORVAL, P. Q., CANADA

September 18, 1956

ATTN: DISTRICT AIRC AFT INSPECTOR

CERTIFICATE OF AIRWORTHINESS FOR EXPORT NUMBER E-27345 COVERING GRUMMAN G-21-A
SERIAL NUMBER B-111, ASSIGNED CANADIAN IDENTIFICATION MARKINGS CF-UDD, PURCHASED
BY JOHN CLARENCE UDD, GLENORA PARK, R. R. #3, BROCKVILLE, ONTARIO, CANADA,
BEING PREPARED.

Reg. 1 NY
ASDO 17

R. D. DEYELL
AVIATION SAFETY AGENT
CIVIL AERONAUTICS ADMINISTRATION

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OCT 4 1 20 PM '56

JOHN W. RECORDS BRANCH
W-300

Commanding Officer,
U.S.Coast Guard Aircraft
Repair & Supply Base,
Elizabeth City, N.C.

19 April, 1956

Eveready Supply Company,
805 Housatonic Avenue,
Bridgeport, Conn.

Sirs:

Reference is made to contract number T40cg-371, dated 22 March, 1956, covering sale of an aircraft by the U.S.Coast Guard to your company.

Final payment in full has been made by you to the U.S.Coast Guard, in accordance with the terms of the contract.

Title to the aircraft JRF-5G Grumman "Goose", former CG No.84816, is hereby transferred from the U.S.Government to your company.

Very truly yours,

R.P.CROMWELL,
Commander, U.S.Coast Guard,
Commanding Officer, Acting.

Reg. 1 NY
ASDO 17

ASTORIA RECORDS DIVISION
W-300

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100-100000
100-100000

AIRCRAFT INDUSTRIES OF CANADA LIMITEDREPORT NO **AI-G21A-002**AIRCRAFT WEIGHT & BALANCE REPORTDATE **Sept. 12, 1956.**AIRCRAFT TYPE & MODEL **Grunman Goose - G21A**SERIAL NO **84816**REGISTRATION **CF-UDD**PRESENT OWNER **NATIONAL MANAGEMENT LIMITED**This report to become part of Airworthiness Certificate No.GENERAL DATAReference data taken from **Aircraft Listing**MAXIMUM WEIGHT Sea plane **8000** lbs.C.G. LIMITS Sea plane **+20.5 ins. to 33.0 ins.** % M.A.C.DATUM POINT Wing leading edge at the fuselageLEVELING POINTS Lugs on the right side and aft of bulkhead of pilot's compartment.FUEL CAPACITY 220 U.S. gals. (183 Imp. gals) at **+30.0 ins.**OIL CAPACITY 15 U.S. gals. (12.5 Imp. gals) at **+8.0 ins.**Front support: **+9 ins. aft of datum**Rear support: **+283.5 ins. aft of datum**

16-1-56

ADMIN. & RECORDS BRANCH
W-300

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CONDITIONS DURING WEIGHINGWeighed at: **Aircraft Industries of Canada Limited**A/C weighed in a closed hangar: **yes**Position of A/C: **level**Scale used: Type and Serial Number: **ES-6A Ser. No. 616**Manufacturer: **Cox and Stevens**Amount of Fuel in the tank: **residual**Amount of Oil in the tank: **12.5 Imp. gals.**WEIGHED BY: K. JaggePREPARED BY: K. JaggeCHECKED BY: F. Martinek
F. Martinek
Chief EngineerDATE: **Sept. 12, 1956**REPORT NO: **AI-G21A-002**This report consists of 7 pagesAMENDMENTS OR RECTIFICATION

NO.	DATE	DESCRIPTION	CORRECTED COMMENT

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W-360

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AI-G21A-002

Sept. 12, 1956.

3,225	3,225	3,100	+13	3,113	280	+22	302
3,220	3,220	3,100	+13	3,113	272	+22	294
3,220	3,220	3,100	+13	3,113	270	+22	292
	9,665			9,339			888
	3,222			3,113			296

3,222 + 3,113 + 296

6,631

9	274.5	296	6,631	12.25	21.25
---	-------	-----	-------	-------	-------

6,631	21.25	140,909
- 113	8	- 900
6,518	21.48	140,009

21.48

Reg. 1 NY
ASDO 17

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OCT 4 1 20 PM '55
U.S. AIR FORCE
W-510

ADMIN. & RECORDS DIVISION
W-300

OCT 4 1 20 PM '55

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TYPICAL LOADING CAPABILITIES* I. Typical rear location of C of G

	Weight lbs.	Arm ins.	Moment lb x in.
Basic	6518	21.48	140,009
Fuel 60 Imp. gals @ 7.2 lbs/gal	432	30.00	1,296
Oil 10 Imp. gals @ 7 lbs/gal	90	8.00	720
Pilot	180	-6.00	-1,080
1 passenger	180	60	10,800
2 passenger	360	86	30,960
Baggage	240	165	39,600
Gross weight	8000	27.73	221,805

- * The aircraft is not critical for the rear C of G. The above loading condition is not probable and it was used only for demonstration of aft C of G location. Note, that even in the above loading condition the C of G is 5.27 ins. forward of the rear C of G limit.

* II. Typical front location of C of G

	Weight lbs.	Arm ins.	Moment lb x in.
Basic	6518	21.48	140,009
Fuel 30 Imp. gals @ 7.2 lbs/gal	216	30.00	6,480
Oil 12.5 Imp. gals @ 7 lbs/gal	112.5	8.00	900
Pilot	180	-6.00	-1,080
Co-pilot	180	-6.00	-1,080
Ballast	25	165.00	4,125
Gross	7232	21.65	149,354

- * Note: This loading condition represents a ferry flight prior to the landing (low fuel)

(continued.../2)

ADMIN. & RECORDS BRANCH
11-300

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III. Max. No. of passengers

	Weight lbs.	Cu. ins.	Moment lb x in
Basic	6518	21.48	140, 09
Fuel 65 lbs. gals @ 7.2 lbs/gal	468	30.00	14, 040
Oil 12.5 lbs. gals @ 7 lbs/gal	112.5	8.00	900
Hot	100	-0.00	-1080
2 passengers	360	00.00	21, 600
2 passengers	360	00.00	30, 760
Gross	7999	25.81	200, 429

AIRCRAFT INDUSTRIES OF CANADA LIMITED

*F. Martinek*F. MARTINEK, P.E.
Chief Engineer

Rk/st

Reg. 11
ASDO 17

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OCT 4 1 20 PM '53
ADMIN. & RECORDS BRANCH
W-300

DATE Sept. 12, 1956.

ADDITIONAL DATA Equipment installed in the aircraft at the time of weighing.

Stbd. engine	P & W R-985-AN6B/M	Ser. No. JP-215140
Port engine	P & W R-985-AN14B	Ser. No. JP-210362
Stbd. propellor Ham. standard	2D30-235	Ser. No. T-28503
Port propellor Ham. standard	2D30-235	Ser. No. T-36937

Equipment as per Aircraft Listing

-101, 102, 103, 104, 106a, 110, 111e, 111g, 204, 205g, 206, 229, 215, 305.

Additional Equipment

	WEIGHT lbs	ARM ins	MOMENT lb x in
<u>RADIO</u>			
1. V.H.F. transceiver RT 18/ARCL		-60.75	
2. Mounting for above unit 230A/ARC		-60.75	
3. Voltage regulator		-48.0	
4. Loop antenna		169.5	
5. Receiver unit (Bendix) MN-26J	37 lbs. 6 ozs.	-54.0	
6. Automatic loop control MN-31C	17 lbs.	-50.0	
7. Converter 22-4A	10 lbs.	-52.5	
8. Cable box assy. (Northern Electric) R-3000-26B		-60.75	
9. Communication unit 1traa		- 3.0	

Instrument Installed at Sta. -28.0

1. Radio compass
2. Directional gyro.
3. Rate of climb indicator

(continued.../6)

Reg. 1 NY
ASDO 17

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OCT 4 1 20 PM '55
COMM. & RECORDS BRANCH
W-803

DATE Sept. 12, 1956.

WEIGHT
lbs.ARM
insMOMENT
lb x inInstrument Installed at Sta. -28.0 (continued)

4. Turn and bank indicator
5. Altimeter
6. Airspeed indicator
7. Side slip indicator
8. Suction gauge
9. R.P.M. gauges - 2
10. Manifold pressure gauges -2

Overhead Instruments

11. Fuel pressure gauges -2
12. Cylinder head temp. gauge - dual
13. Carb. air temp. gauges -2
14. Oil pressure gauges -2
15. Oil temp. gauges -2
16. Free air temp. gauge
17. Synchroscope

Other Equipment

- | | | |
|----------------------------|---------------|-------|
| 1. Fire Extinguisher | 13.75 | -47.5 |
| 2. Pilot's seat | Pilots's seat | - 6.0 |
| 3. Co-pilot's seat | | - 6.0 |
| 4. Cabin seats (2) - front | } standard | +60.0 |
| 5. Cabin seats (2) - rear | | +86.0 |
| 6. Flasher motor | | +17.0 |

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ASDO 17

J.C. Jackson
J.C. Jackson, Quality Control
Manager

ADMIN. & RECORDS BRANCH
W-300

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REPORT NO. A1-3214-02

DATE Sept. 12, 1956.

CONCLUSION

1. The empty weight is 6,516 lbs and the empty height C.G. is 21.48 inches from datum. It will be noted that the empty C.G. is within the permissible range.
2. The above loading condition may be changed by the operator by alteration of the amount of fuel, oil, luggage, ballast and passenger loads provided the maximum gross weight and C.G. range remain within the limits stated on page 1.

Reg. 1 NY
ASDO 17

7-883
A. H. H. 23-1035-10000

OCT 11 1 20 PM '55

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Aircraft; G-2IA Grumman Goose

Registration; CF-UDD

Serial No. B -III

Owner; Mr. J.C.Udd
620 Cathcart St.
Suite 1100
Montreal, Quebec.
Canada.

C.ofA for export Worksheet

L.H.Power Egg:

1. Engine removed and replaced with R.985-I4B Ser.#2I0362 completely overhauled by Standard Aero Engine Ltd. Winnipeg, Manitoba.
2. Engine mount rubbers & bolts renewed.
3. Engine mount inspected & found O.K.
4. Hand crank bushings replaced.
5. Starter-tach.gen.-vacuum pump-fuel pump-prop.gov.-propeller completely overhauled.
6. Battery renewed & boxes & surrounding area painted acid-resisting black.
7. Oil tank cleaned externally & re-primed.
8. Cowls & speedring stripped- repaired where necessary & painted.
9. Slinger rings removed.
10. Necessary hoses replaced.
11. New leather fitted to airscoop.
12. Exhaust completely inspected along with intensifier tube & found O.K.
13. Newly overhauled carburetor fitted.
14. Power egg completely inspected & found airworthy.
15. Engine run- fuel & vacuum pressures adjusted engine O.K.
16. Oil drained & changed to #100-oil screens checked & found O.K.
17. All controls inspected for travel freedom of movement & safety.

R.H.Power egg

1. Items the same as L.H.Power egg plus the following:
Generator overhauled
Airscoop welded.

L.H.Oiler panel

1. Rear angle of box beam spliced & recorded on form ACA 337
2. Metal skinning applied to wing according to drwg.#1002
Mattituck Air Base Corp. Linden, New Jersey.
3. Aileron recovered & structure repaired where necessary.
4. Necessary bearings replaced.
5. De-icer boots removed & necessary patches put on leading edge.
6. Navigation light cleaned & replaced.

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ADMIN. & RECORDS BRANCH
W-300

L.H.Outer Panel (cont.)

7. All controls checked & found O.K.
8. All structure checked & found O.K.
9. Flap removed & necessary bearings replaced.
10. Gap strip renewed.
11. Complete panel stripped painted & inspected.

R.H.Outer Panel

Same as L.H. panel except omitting item #1. & plus the following.
De-icer motor & distributor removed.
All external piping for de-icers removed.

Bow & Cockpit.

1. All structure checked & found O.K.
2. Windshield de-icers removed c/w rheostat control.
3. Verrey pistol brkt. removed.
4. Fixed aerial mast removed.
5. All controls checked & found O.K. engine & airframe.
6. Carb. air temp. gauges checked.
7. Cylinder temp. gauges checked.
8. Recognition light switches remedied.
9. Outside air temp. gauge checked.
10. Engine fire extinguisher weighed & checked.
11. Brakes & fluid checked & found O.K.
12. Instrument lights checked.
13. Trim controls checked & lubricated.
14. Sliding window channels replaced.
15. Control wheels & column checked & found O.K.
16. Fuel cock repaired.
17. Spray rails fitted.
18. Safety belts renewed.

Cabin & Hull;

1. All structure checked & found O.K.
2. Flare chutes & brkts. removed.
3. Anti-icer tank, motor & pump removed.
4. All military radio & rack removed.

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ADMIN. & RECORDS BRANCH
W-300

Cabin & Hull(cont)

5. Flooring checked.
6. Seats installed, bolts renewed & completely upholstered.
7. Cabin upholstered.
8. All windows replaced.
9. Step fitted to inside of cabin door.
10. Inside doors of cabin & emergency doors removed.
11. Lavatory fitted with vent in rear compt.
12. All controls checked & found O.K.
13. All safety belts renewed.

Undercarriage;

1. All tires & tubes replaced.
2. Necessary bearings & races renewed.
3. All structure & retracting mechanism checked & found O.K.

Empennage;

1. All control surfaces recovered & necessary repairs done.
2. De-icer boots removed & patches applied where necessary.
3. Tail plane fillets renewed.

Miscellaneous;

1. All lighting checked & found O.K.
2. All electrical checked & found O.K.
3. Aircraft weighed by Cox & Stevens equipment.
4. Aircraft flight tested & found O.K.

Signed: J. Hossack.

Certificate No. 742361

Rating: A + E.

Date: Sept. 13/56

ADMIN. & RECORDS BRANCH
W-360

OCT 4 1 20 PM '56

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DEPARTMENT OF COMMERCE
CIVIL AERONAUTICS ADMINISTRATION

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

(SEE REVERSE SIDE OF THIS FORM FOR INSTRUCTIONS)

1. AIRCRAFT	MAKE Grumman Goose	MODEL (G-21-A) SRF-5G	SERIAL NO. B-111	NATIONALITY AND REGISTRATION MARK Can. CF-UDD
2. OWNER	NAME (First, middle, last) John Clarence Udd			
	ADDRESS (Street and number, city, zone, and State) 620 Cathcart St. Suite 1100, Montreal, Canada.			

3. FILL IN INFORMATION IN THIS ITEM ONLY FOR THE UNIT REPAIRED AND/OR ALTERED

UNIT	MAKE	MODEL	SERIAL NO.	NATURE OF WORK (Check)	
				MAJOR REPAIR	MAJOR ALTERATION
a. AIRCRAFT	As described in item 1 above			X	
b. PROPELLER BLADE OR HUB					
c. ENGINE					
d. INSTRUMENT	TYPE AND MANUFACTURER				

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)*	USEFUL LOAD (Pounds)*
*AFTER the repairs and/or alterations described below were made.	6518	21.48	1482

5. KIND OF AGENCY WHICH MADE REPAIRS AND/OR ALTERATIONS (Check)

☐ MANUFACTURER☐ APPROVED REPAIR STATION NO. _____
(Specify)☒ CERTIFIED MECHANIC

6. AGENCY	NAME John S. Hossack	ADDRESS (Street and number, city, zone, and State) 6376 Clanranald Ave., Montreal, Canada.	DATE WORK ACCOMPLISHED Sept. 13/56
-----------	--------------------------------	--	--

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.)

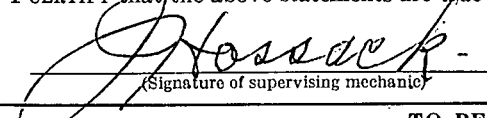
See Reverse side.

This aircraft converted from Military to civilian status by compliance with all pertinent notes of aircraft specification A-654, engine specification 5E-1, propeller specification P-206 and current CAA airworthiness directives.

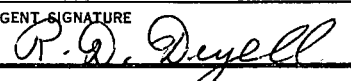
If more space is needed, continue on reverse, or attach separate sheets bearing aircraft registration mark.

☐ FORWARDED FOR
ENGINEERING
APPROVAL

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

 (Signature of supervising mechanic)	742361 A&E (Certificate number and rating)	Sept. 13/56 (Date)
---	--	------------------------------

TO BE COMPLETED BY CAA REPRESENTATIVES

☒ APPROVED ☐ REJECTED	DESIGNEE'S SIGNATURE CAA AGENT SIGNATURE 	NO. ☐ ACCEPTED ☐ REINSPECTED	DATE Reg. 1 NY ASDO 17 9-18-56
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INSTRUCTIONS

1. This form must be filled out in duplicate each time a major repair and/or alteration is made of an aircraft, propeller, engine, 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, 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.
 - b. 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.
 - c. 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.
 - d. 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.
 - e. 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.

Description of work:

10-64010-2 U. S. GOVERNMENT PRINTING OFFICE

1. Installed overhauled P&W R-985 Wasp Engines serial numbers 210362 and 215140.

2. Installed overhauled Ham. Std. 2D30-235 propellers, serial numbers T-28503 and T-36937.

3. Spar Splice repair scheme carried out by Aircraft Industries Ltd to approved drawing No. AI-GO-001 (D.O.T. Canada approved.)

4. Wing Trailing Edge fabric replaced by metal skinning to Mattituck Air Base Corp., drawing no. 1002.

5. Periodic Aircraft Inspection carried out to form ACA-319, and discrepancies cleared, as per worksheets attached.

6. All A.D. Notes and Manufacturer's Service Bulletins complied with to date.

7. Aircraft conforms to C.A.A. Specification No. TC-654.

Airworthiness Directives complied with:

46-38-1; 49-16-1; 50-15-1; 53-21-2; 53-24-1.

Aircraft weighed. See weight and balance equipment list.



NEXT ASSEMBLY	MODEL	ITEM	PORT SIDE		STARBOARD SIDE		DESCRIPTION	STOCK SIZE	DESIGNATION	SPECIFICATION	FINISH
			PART NUMBER	LW RH QTY	PART NUMBER	LH RH QTY					
FINISH	PRIME	A	ACT. WT. CALC. WT. / / HEAT TREAT / / LIMITS EXCEPT AS NOTED ANGLE 2 1/2° RELAXATION ±1/32 THERMAL ±.010	F (3) SMOOTH MACHINE FINISH F (5) ROUGH FILE DR GRIND	DRAFT	27 A-50 1950	AIRCRAFT INDUSTRIES OF CANADA LTD 605-80 ST. JOHN'S, P.Q.	SHEET NO. REVISION: 	DRAWING No. AI-GO-001		
	ANODIZE	B			CHECK						
	CAD PLATE	C			STRESS	3 gpt					
	PRIME & PAINT	D			ENGL	2 gpt					
		E			SCALE						TITLE: GRUMMAN GOOSE WING SPAR REPAIR SPLICE
		F			DWG SIZE B						
									STAP PART NUMBER WHERE SHOWN		

