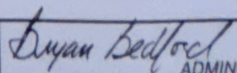
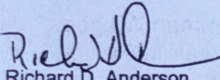
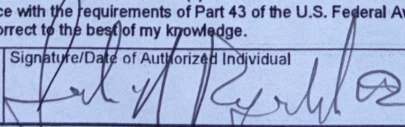
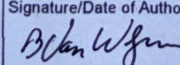


UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS N402EC	2 MANUFACTURER AND MODEL GRUMMAN G-44A	3 AIRCRAFT SERIAL NUMBER 1452	4 CATEGORY Normal
5 AUTHORITY AND BASIS FOR ISSUANCE This airworthiness certificate is issued pursuant to 49 U.S.C. § 44704 and certifies that, as of the date of issuance, this aircraft has been inspected and found to conform to its type certificate and be in condition for safe operation. This aircraft meets the requirements of the applicable airworthiness standards in Annex 8 to the Convention on International Civil Aviation, except as follows: NONE			
6 TERMS AND CONDITIONS Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the FAA, this airworthiness certificate is effective as long as maintenance, preventative maintenance, and alterations are performed per the applicable Federal Aviation Regulations and the aircraft is registered in the United States.			
DATE OF ISSUANCE A- 28/Apr/2026	FAA REPRESENTATIVE //Signed by//Richard Anderson, 10:50 AM, April 28, 2026		DESIGNATION NUMBER 294296018
Any alteration, misuse, or reproduction of this certificate for a fraudulent purpose may be punishable by certificate revocation, fine, and / or imprisonment. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE FEDERAL AVIATION REGULATIONS.			
FAA Form 8100-2 (9-2019) Previous Edition May be Used Until Depleted			

REGISTRATION NOT TRANSFERABLE

UNITED STATES OF AMERICA DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION CERTIFICATE OF AIRCRAFT REGISTRATION		This certificate must be in the aircraft when operated.
NATIONALITY AND REGISTRATION MARKS N 402EC		AIRCRAFT SERIAL NO. 1452
MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT GRUMMAN G-44A		
ICAO Aircraft Address Code: 51132166		
I S S U E D T O	WATERLANDING LLC 3011 AMERICAN WAY MISSOULA MT 59808-1921	
	LLC	
It is certified that the above described aircraft has been entered on the register of the Federal Aviation Administration, United States of America, in accordance with the Convention on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code, and regulations issued thereunder.		
DATE OF ISSUE January 28, 2026	 ADMINISTRATOR	
EXPIRATION DATE January 31, 2033	 U.S. Department of Transportation Federal Aviation Administration	

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp. 5/31/2018	Electronic Tracking Number For FAA Use Only
INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))					
1. Aircraft	Nationality and Registration Mark N402EC		Serial No. 1452		
	Make Grumman		Model G-44A	Series Widgeon	
2. Owner	Name (As shown on registration certificate) Waterlanding LLC		Address (As shown on registration certificate) Address 3011 American Way		
			City Missoula	State MT.	
		Zip 59808-1921	Country USA		
3. For FAA Use Only					
The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in section 43.7.					
 Richard D. Anderson 294296018 DAR-T 05/01/2026					
4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	<u>Grumman</u>	(As described in Item 1 above)	<u>1452</u>
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		
6. Conformity Statement					
A. Agency's Name and Address			B. Kind of Agency		
Name <u>John N. Reynolds IV</u>			☒ U. S. Certificated Mechanic		
Address <u>PO box 366</u>			☐ Foreign Certificated Mechanic		
City <u>Grivelang</u> State <u>FL</u>			☐ Certificated Repair Station		
Zip <u>34736</u> Country <u>USA</u>			☐ Certificated Maintenance Organization		
			C. Certificate No. 3314945		
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.					
Extended range fuel per 14 CFR Part 43 App. B ☐		Signature/Date of Authorized Individual  5/14/2026			
7. Approval for Return to Service					
Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected					
BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport	
	FAA Designee	Repair Station	☒ Inspection Authorization		
Certificate or Designation No. 2035654		Signature/Date of Authorized Individual  5-14-2026			

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.)

N402EC

Nationality and Registration Mark

Date

05/14/2026

Removed Cleveland tailwheel and tire assembly that was installed via Field Approval on 02/17/95.

Installed solid rubber Air Repair 10.00 Solid Tailwheel Assembly.

New axle spacers were fabricated and installed.

Work accomplished using the Grumman G-44A Widgeon Service manual Chapter 11.

MAINTENANCE INSTRUCTIONS; There are no changes necessary to the Grumman Widgeon service manual for this installation except that the new tailwheel does not require air in the tire.

Weight and balance data and equipment list updated for this installation.

END

☒ Additional Sheets Are Attached

BRAKES

 US Department of Transportation Federal Aviation Administration		MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)		OMB No. 2120-0020 Exp. 5/31/2018	Electronic Tracking Number
		For FAA Use Only			

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N402EC	Serial No. 1452		
	Make Grumman	Model G-44A	Series Widgeon	

2. Owner	Name (As shown on registration certificate) Waterlanding LLC	Address (As shown on registration certificate) Address 3011 American Way		
		City Missoula State MT		
		Zip 59808-1921 Country USA		

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in section 43.7. This alteration was coordinated with AFR-760.

Richard D. Anderson
 294296018 DAR-T 05/12/2026

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	Grumman	(As described in Item 1 above)	1452
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address Name: John N. Reynolds IV Address: PO Box 368 City: Graveland State: FL Zip: 34736 Country: USA		B. Kind of Agency <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">☒</td> <td style="width: 40%;">U. S. Certificated Mechanic</td> <td style="width: 55%;">Manufacturer</td> </tr> <tr> <td style="text-align: center;">☐</td> <td>Foreign Certificated Mechanic</td> <td rowspan="2">C. Certificate No. 3314945</td> </tr> <tr> <td style="text-align: center;">☐</td> <td>Certificated Repair Station</td> </tr> <tr> <td style="text-align: center;">☐</td> <td>Certificated Maintenance Organization</td> <td></td> </tr> </table>		☒	U. S. Certificated Mechanic	Manufacturer	☐	Foreign Certificated Mechanic	C. Certificate No. 3314945	☐	Certificated Repair Station	☐	Certificated Maintenance Organization	
☒	U. S. Certificated Mechanic	Manufacturer												
☐	Foreign Certificated Mechanic	C. Certificate No. 3314945												
☐	Certificated Repair Station													
☐	Certificated Maintenance Organization													

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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.

Extended range fuel per 14 CFR Part 43 App. B	☐	Signature/Date of Authorized Individual 05/14/2026
---	--------------------------	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is

☒ Approved ☐ Rejected

BY	FAA Ftl. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	☒ Inspection Authorization	Other (Specify)

Certificate or Designation No. 2035654	Signature/Date of Authorized Individual 5-14-2026
--	--

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)

N402EC

Nationality and Registration Mark

05/14/2026
Date

Removed original Hayes B-87-36 brake master cylinders and D-107-19 Brake adjusters.

Installed 2 new G-151 automotive style master cylinders in the same location. These replacement brake master cylinders require the use of an approved DOT spec fluid.

Do not use aircraft 5606 fluid with this system. Installed placard for proper fluid use.

Replaced flexible brake hoses in the wheel wells with 2 new Teflon hoses compatible with DOT spec fluid.

Master cylinders plumbed with 1/4 inch 3003-0 versa tube tubing using AN fittings.

Replaced all O-rings in the brake calipers with new EPDM composition O-rings.

Serviced the system with DOT spec fluid.

System bled and functionally tested with all operations normal.

Weight and balance data and equipment list updated for this installation.

Maintenance Instructions:

The system uses DOT spec brake fluid, and may be maintained using the Grumman G44A service manual section 3 as a guide with the exception of the brake fluid type.

END

☐ Additional Sheets Are Attached

Gulfstream (American) G-44A
**Airworthiness Directives
Compliance Report**

Date: 4/29/2026	Tail #: N402EC	Hours:
Airframe: Gulfstream (American) G-44A	S/N: 1452	Hours: TSN (TTE): 1998.7 Tach: 639.7 TSO (TSMOH): 475.6
Right Engine: Lycoming GO-480-B1D	S/N: RL-488-28	Hours: TSN (TTE): 1998.7 Tach: 639.7 TSO (TSMOH): 475.6
Left Engine: Lycoming GO-480-B1D	S/N: RL-502-28	Hours: TSN (TTP): 39.4 Tach: 639.7
Right Propeller: Hartzell HC-A3MV	S/N: FCA93	Hours: TSN (TTP): 39.4 Tach: 639.7
Left Propeller: Hartzell HC-A3MV	S/N: FCA-95	

Airframe: Gulfstream (American) G-44A

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
48-31-01 Airframe	09/15/48 Stabilizer Strut	8/25/48	Steel fittings installed per Grumman Service bulletin 22 at the factory.	Rechecked 5/14/2026 has steel fittings			Brian Van Wagnen 2035654
54-26-01 Airframe	06/15/55 Landing Gear Valve Placard	2/23/55	Midified per Grumman service bulletin 24				Brian Van Wagnen 2035654

Right Engine: Lycoming GO-480-B1D

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
59-10-07 Engine	07/01/59 Cylinder Baffle Clamps		Previously complied with New style clamps installed				Brian Van Wagnen 2035654
62-23-05 Engine	11/14/62 Propeller Shaft Oil Seal Rings		Does not apply Serial Number				Brian Van Wagnen 2035654
69-25-08 Engine	02/19/70 Reduction Gear Assemblies	03/04/1992	Complied with during overhaul Lycoming Service Instruction 1210A and Service Bulletin 319A.				Brian Van Wagnen 2035654
92-12-05 Engine	07/10/92 Piston Pin Failure		Does not apply Has 66052 pins				Brian Van Wagnen 2035654
97-15-11 Engine	08/12/97 Piston Pin Failure		Does Not Apply				Brian Van Wagnen 2035654
2003-14-03 Engine	08/14/03 Rotary Fuel Pump Leaks		Does Not Apply Not Installed				Brian Van Wagnen 2035654
2017-16-11 Engine	08/15/17 Connecting Rod Failure		Does not apply				Brian Van Wagnen 2035654

Left Engine: Lycoming GO-480-B1D

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
--------------------------	---------	-----------------------------	-------------------------	-------	-----	------------------------	-------------------------

59-10-07 Engine	07/01/59	Cylinder Baffle Clamps		Previously complied with New style clamps installed				Brian Van Wagnen 2035654
62-23-05 Engine	11/14/62	Propeller Shaft Oil Seal Rings		Does not apply Serial Number				Brian Van Wagnen 2035654
69-25-08 Engine	02/19/70	Reduction Gear Assemblies	03/04/1992	Complied with during overhaul Lycoming Service instruction 1210A and Service Bulletin 319A.				Brian Van Wagnen 2035654
92-12-05 Engine	07/10/92	Piston Pin Failure		Does not apply Has 69650 pins				Brian Van Wagnen 2035654
97-15-11 Engine	08/12/97	Piston Pin Failure		Does Not Apply				Brian Van Wagnen 2035654
2003-14-03 Engine	08/14/03	Rotary Fuel Pump Leaks		Does Not Apply Not Installed				Brian Van Wagnen 2035654
2017-16-11 Engine	08/15/17	Connecting Rod Failure		Does not apply				Brian Van Wagnen 2035654

Right Propeller: Hartzell HC-A3MV

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
2005-14-11 Propeller	08/17/05 Southern California Propeller Serviced Propellers		Does Not Apply				Brian Van Wagnen 2035654
2009-10-14 Propeller	06/04/09 Counterweight Slug Attachment Bolts		Does Not Apply				Brian Van Wagnen 2035654

Left Propeller: Hartzell HC-A3MV

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
2005-14-11 Propeller	08/17/05 Southern California Propeller Serviced Propellers		Does Not Apply				Brian Van Wagnen 2035654
2009-10-14 Propeller	06/04/09 Counterweight Slug Attachment Bolts		Does Not Apply				Brian Van Wagnen 2035654

Appliance: Avionics Auto Pilots

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
70-15-18 Appliance	08/31/70 Autopilot and Automatic Aileron Stabilizer Instruments - Servo Bridle Cable Clamps		Does Not Apply Serial number				Brian Van Wagnen 2035654

2035654 AWB

Appliance: Avionics Navigational							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
65-18-02 Appliance	08/17/65 Model S-27200 - Zinc Die Cast Rotor Failure		Does Not Apply Not Installed				Brian Van Wagnen 2035654

Appliance: Cabin Circuit Breakers							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
70-22-04 Appliance	05/19/71 Models 105, 106, 107, 108, 147, 152, 254, 447, 448, 2100 - Jammed Circuit Breaker		Does Not Apply Not Installed				Brian Van Wagnen 2035654
87-06-09 Appliance	04/27/87 4001, 4200, 4310, and 8500 Series - Removal and Replacement		Does Not Apply Not Installed				Brian Van Wagnen 2035654

Appliance: Cabin Heating & Air Conditioning							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
2017-06-03 Appliance	05/05/17 8xxx and 9xx - Combustion Heater Deterioration	5/14/2026 Hobbs:639.7	Disabled heater per (K) (1). Heater: Stewart Warner 940-B sn. 103	Heater: Stewart Warner 940-B sn. 103			Brian Van Wagnen 2035654

Appliance: Cabin Safety Belts							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
57-14-02 Appliance	08/15/57 Model FDC-1650 - Belt Release Fittings		Does Not Apply Not Installed				Brian Van Wagnen 2035654
64-10-03 Appliance	06/05/64 FDC-2700 Series - Belt Latching Mechanism		Does Not Apply Not Installed				Brian Van Wagnen 2035654
89-09-02 Appliance	05/24/89 Safety Belt FDC-6400B - Replacement		Does Not Apply Not Installed				Brian Van Wagnen 2035654

Appliance: Emergency & Fire (ELT) Emergency Locator Transmitters							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number
77-02-08 Appliance	02/01/77 ELT-10 77 - Battery Corrosion		Does Not Apply Not Installed				Brian Van Wagnen 2035654

Appliance: Power Plant Magnetos							
AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number

2035654
B Van Wagnen

74-26-09 Appliance	12/24/74	S-20, S-200, S-1200 Series - Drive Shaft Bushing		Does not apply to the left mag of either engine				Brian Van Wagnen 2035654	
82-20-01 Appliance	06/14/83	S-20, S-200, S-1200, D-2000, D-3000 Series - Improperly Treated Flyweights	02/03/1992 Hobbs: 164.1	Complied during overhaul on all 4 mags.				Brian Van Wagnen 2035654	
94-01-03 R2 Appliance	06/28/95	S-20, S-200, S-600, S-1200 Series - Magneto Failure		Does Not Apply to serial numbers of all 4 mags				Brian Van Wagnen 2035654	
94-06-09 Appliance	05/20/94	SC-20, SC-200, S-1200 Series & Capacitors 10-349276 - Non-Grounded Magneto		Does Not Apply to any installed mags.				Brian Van Wagnen 2035654	
2005-12-06 Appliance	07/19/05	S-20, S-1200, D-2000, D-3000 Series - Impulse Coupling Assembly		Does Not Apply to any installed mags.				Brian Van Wagnen 2035654	

Brian Van Wagnen
 2035654 AKP

Appliance: Power Plant Spark Plugs, Generators, Alternators

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Notes	Rec	Date/Hours Next Due	Signature and Number	
65-21-01 Appliance	01/28/75	Bendix Model Nos. 756 () Series & Garwin G-760 - Starter Jaw Ratcheting	2/21/1992 / Hobbs: 164.1	Complied during overhaul on both starters			Brian Van Wagnen 2035654	



Federal Aviation Administration

Memorandum

Date: See Signature Date **SCOTT A
FOHRMAN** Digitally signed by
SCOTT A FOHRMAN
Date: 2026.05.11
11:18:27 -05'00'

From: for Jason S. Deutschman, Acting Manager, Central Certification Branch
Compliance & Airworthiness Division, Aircraft Certification Service

To: Inspector David Zwicker, East Michigan Flight Standards District Office

Prepared by: Scott Fohrman, (847) 294-7136

Subject: Request for Engineering concurrence with the installation of alternate brake master
cylinders and brake hoses on a Grumman G-44A aircraft, Registration Number
N402EC, S/N 1452.

This is in response to your email in which you requested ACO engineering concurrence with the installation of alternate brake master cylinders and brake hoses on subject Grumman G-44A aircraft. Engineering notes that this parts substitution is done under the auspices of AC 23-27 and AC 20-62 as acceptable part.

Central Certification Branch has reviewed the request and concurs that the requested alterations meet the certification basis of the aircraft and a Field Approval may be granted. This concurrence is limited to the alterations detailed and the listed serial number aircraft only and may not be extended to additional aircraft without written permission from this office.

The referenced DOT approved brake fluid must specifically be of a type appropriate for aviation usage and immiscible with water.

The applicant should be directed to conduct a post maintenance check flight as required by 14 CFR 91.407 to insure that the noted alteration does not significantly affect the operation of the aircraft or introduce any unsafe characteristics. The successful completion of the flight should be documented in the aircrafts maintenance records.

Please be aware that the ACO limited it's review to determining that a field approval was permissible under the guidance specified in FAA Order 8300.16, Chapter 3, paragraph 2 c. (1), Major Repair and Alteration Data Approval Job Aid, and review of the applicants FAA Form 337. If further review of the data is requested, please contact us.

If you have any questions, please contact Scott Fohrman at (847) 294-7136.

EQUIPMENT CHANGE - WEIGHT & BALANCE			
REG. NO.	MODEL	Serial No.	
N1SW	G-44A	1452	
Items: (Description / P/N / S/N)	Weight Lbs	Arm Inches	Moments lb-in
Previous Aircraft Empty Weight:	4230.15	16.47	69670.5705
Installed Flightcom 403mc intercom	0.25	-23	-5.75
p/n 101-0263-00 s/n 5991			0
Installed Insight Avionics Strike Finder display	1.2	-38.4	-46.08
p/n SF 2000-021-009 s/n 7112			0
Installed Insight Avionics Strike Finder sensor	0.6	31.63	18.978
p/n SF 2000-022 s/n 7604			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	4232.2		69637.7185

A. Old Empty Weight	4230.15	Lbs
B. Old Empty CG	16.47	Inches
C. Old Empty Weight CG Moment	69670.57	lb-in
D. Max Gross Weight	5500	Lbs
E. Old Useful Load	1269.85	Lbs

A. New Empty Weight	4232.2	Lbs
B. New Empty CG	16.45426	Inches
C. New Empty Weight CG Moment	69637.72	lb-in
D. Max Gross Weight	5500	Lbs
E. New Useful Load	1267.8	Lbs

This new weight & balance information superseads all previous weight and balance data.
For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.

FAA Form 337 Completed?	Yes
Equipment List Amended?	Yes

<i>Steven Wesley O'Sullivan</i> Signature	A&P 2677287	Date:	2/22/02
Notes: See FAA Form 337 dated 02-22-02			