



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
2/25/2011

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 US N971QC	Serial No. 1655
	Make GRUMMAN AMERICAN	Model G164B Series
2. Owner	Name (As shown on registration certificate) TWIN COUNTY AIR AG, INC.	Address (As shown on registration certificate)
		Address City WINNIE State TEXAS Zip 77665 Country UNITED STATES

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	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	
Name JAMES S. GARDNER		☒ U. S. Certified Mechanic	Manufacturer
Address		Foreign Certified Mechanic	C. Certificate No.
City EL CAMPO State TEXAS		Certified Repair Station	A & P
Zip 77437 Country UNITED STATES		Certified 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
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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 Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	☒ Inspection Authorization	

Certificate or Designation No.	Signature/Date of Authorized Individual
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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.)

US N971QC

2-1-2010

Nationality and Registration Mark

Date

REMOVED E-11 WALTER ENGINE INSTALLATION AND ALL INSTRUMENTATION AND PLACARDS. INSTALLED PT.6A-27 SERIAL # PCE-40843 ENGINE AND HARTZELL HC-B3TN-3D/T10282+4 SERIAL #BUA29286 PROPELLER AND ALL ELECTRICAL AND INSTRUMENTATION AND PLACARDS IN ACCORDANCE WITH STC SA 1377GL ISSUED TO TURBINES INC. TERRE HAUTE, INDIANA 47803 ON APRIL 25, 1989 AND AMENDED ON SEPTEMBER 10, 1990 AND MAY 26, 1992. NEW WEIGHT AND BALANCE RECORDED IN FLIGHT MANUAL.

END

☐ Additional Sheets Are Attached



U.S. Department
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**Federal Aviation
Administration**

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Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification **8**

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

1. Aircraft	Make Grumman-Schweizer Ag-Cat Corp.	Model G-164 B
	Serial No. 1655	Nationality and Registration Mark N 971QC
2. Owner	Name (As shown on registration certificate) Meadows Aviation Inc.	Address (As shown on registration certificate) Hazen, AR 72064-0941

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	X
POWERPLANT	RECEIVED MAY 28 2002 STL FSDO				
PROPELLER					
APPLIANCE				Type	
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Malden Ag-Craft, Inc. Malden, MO 63863	B. Kind of Agency ☐ U.S. Certified Mechanic ☐ Foreign Certified Mechanic ☒ Certified Repair Station ☐ Manufacturer	C. Certificate No. CRS
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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 February 4, 2002	Signature of Authorized Individual James Krepps Inspector
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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	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection February 4, 2002		Certificate or Designation No. CRS	Signature of Authorized Individual James Krepps 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.)

The following work accomplished under provisions of CAM 8

- A. Aircraft completely dissassembled and upgraded to a model G-164B ✓
as follows;
1. New fuselage, drawing A1300, sheets 1 through 7, and modified to ✓
accomodate 400 gallon hopper, drawing A3713.
 2. Installed 73 inch wing gap kit, reference Schweizer Retro Fit ✓
drawings, A7175-1, A7175-3, A7175-5 and A700-2, sheets 1 and 2. ✓
 3. Installed factory new center section.
 4. Installed all four G-164B wing panels complete Reff Dwgs A3003, ✓
with new flying and landing rigging wires and terminals complete. ✓
 5. Installed all new factory tall tail, fin and rudder, horizontal ✓
stab. and elevators right and left.
 6. All fabric surfaces covered with grade A fabric and butyrate dope ✓
in accordance with Grumman/Schweizer drawing A-1201, sheet 1 and 2.
 7. Installed 115 gallon capacity fuel(Hershey) stc SA2271CE. ✓
 8. Installed all four Hershey replacement tips stc SA2254CE
 9. Installed turbine conversion L & D Walter turboprop conversion kit
 10. (tiger pack) stc SA01027CH Drawing list report 3000 dated Feb. 26, ✓
1999.
 11. The powerplant to be installed by factory representatives from
Walter Co. of Czchoslovakia.
Aircraft to be weighed and test flown at that time.
 12. All work accomplished using proper drawings and jig fixtures and
aircraft assembled and rigged to Ag-Cat specification, TC1A16
REV #23.

END

☐ Additional Sheets Are Attached



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Office Identification **26**

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

1. Aircraft	Make Grumman-Schweizer Ag-Cat Corp.	Model G-164 B
	Serial No. 1655	Nationality and Registration Mark N 971QC
2. Owner	Name (As shown on registration certificate) Meadows Aviation Inc.	Address (As shown on registration certificate) Hazen, AR 72064-0941

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	X
POWERPLANT	RECEIVED FEB 06 2002 STL FSDO				
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Malden Ag-Craft, Inc. Malden, MO 63863	B. Kind of Agency ☐ U.S. Certificated Mechanic ☐ Foreign Certificated Mechanic ☒ Certificated Repair Station ☐ Manufacturer	C. Certificate No. CRS
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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 February 4, 2002	Signature of Authorized Individual James Krepps Shop Inspector
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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 Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee ☒	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection February 4, 2002		Certificate or Designation No. CRS	Signature of Authorized Individual James Krepps Shop 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.)

The following work accomplished under provisions of CAM 8

A. Aircraft completely dissassembled and upgraded to a model G-164B as follows;

1. New fuselage, drawing A1300, sheets 1 through 7, and modified to accomodate 400 gallon hopper, drawing A3713.
2. Installed 73 inch wing gap kit, reference Schweizer Retro Fit drawings, A7175-1, A7175-3, A7175-5 and A700-2, sheets 1 and 2.
3. Installed factory new center section.
4. Installed all four G-164B wing panels complete Reff Dwgs A3003, with new flying and landing rigging wires and terminals complete.
5. Installed all new factory tall tail, fin and rudder, horizontal stab. and elevators right and left.
6. All fabric surfaces covered with grade A fabric and butyrate dope in accordance with Grumman/Schweizer drawing A-1201, sheet 1 and 2.
7. Installed 115 gallon capacity fuel(Hershey) stc SA2271CE.
8. Installed all four Hershey replacement tips stc SA2254CE
9. Installed turbine conversion L & D Walter turboprop conversion kit
10. (tiger pack) stc SA01027CH Drawing list report 3000 dated Feb. 26, 1999.
11. The powerplant to be installed by factory representatives from Walter Co. of Czchoslovakia. ~~121~~
Aircraft to be weighed and test flown at that time.
12. All work accomplished using proper drawings and jig fixtures and aircraft assembled and rigged to Ag-Cat specification, TC1A16 REV #23.

END

☐ Additional Sheets Are Attached

F/A/A



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1. Aircraft	Make Grumman	Model G-164A
	Serial No. 1655	Nationality and Registration Mark N971QC
2. Owner	Name (As shown on registration certificate) Meadows Aviation, Inc.	Address (As shown on registration certificate) 600 N. Leslie [REDACTED] Hazen, AR 72064

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 Michael D. Schlesselman [REDACTED] West Helena, AR 72390	B. Kind of Agency ☒ U.S. Certified Mechanic ☐ Foreign Certified Mechanic ☐ Certified Repair Station ☐ Manufacturer	C. Certificate No. A&P [REDACTED]
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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 4-15-00	Signature of Authorized Individual Michael D. Schlesselman [Signature]
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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 Fit Standards Inspector	☐	Manufacturer	☒	Inspection Authorization	Other (Specify) .
	☐	FAA Designee	☐	Repair Station	☐	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 4-15-00		Certificate or Designation No. [REDACTED]		Signature of Authorized Individual Michael D. Schlesselman [Signature]			

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.)

4-15-00 N971QC s/n 1655

Installed Walter M601E-11 turboprop engine and Avia Hamilton Standard VJ8.510AG propeller in accordance with Turbine Conversions STC# SA01027CH and installation instructions manual included with conversion kit.

Weighed aircraft to properly reflect change.

END

RECEIVED

APR 21 2000
SW-PSD-11
(17)

01	11.2	11
02	11.2	12
03	11.2	13
04	11.2	14
05	11.2	15
06	11.2	16
07	11.2	17
08	11.2	18
09	11.2	19

☐ Additional Sheets Are Attached