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TP3910E

# AIRCRAFT TECHNICAL LOGS

## Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make LYCOMING
2. Model GO 435-C2B
3. Specification \_\_\_\_\_
4. Manufacturer's Serial  
Number L-2982-11BA
5. Date of Manufacture \_\_\_\_\_
6. Aircraft Inspection Cycle \_\_\_\_\_

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→		763	25	
31/10/89					OIL CHANGED AND ALL SCREENS CHECKED. ENGINE TEST RUN AND NO LEAKS FOUND.
14 AOUT 90	99	3	862	7	100 HRS insp. <del>start</del> out done as per MANUFACTURER RECOMMENDATION - ALL FUEL STRAINER cleaned. OIL USED 100 w shell.
28 mai 91	52	4	915	1	OIL changed, and filter oil used. 100w shell. run-up done, no leak found.
15 mai 92	29	1	944	2	Annual insp. clout as per program #02067. Oil filter checked, no metal found, new oil filter. P/N 3560, ins filter. Oil used 100 w shell.
06 NOV 92	42	0	986	2	Drain oil. check oil Filter No metal Found. New oil Filter P/N E3560. Oil used 80W Aeroshell. Found all pushrod housing leaking due to damage. Install 12 new push rod housing P/N 72839. 24 seals P/N SL18161, 12 rocker shaft gasket P/N
			986	2	CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

# MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

TIMES TRANSCRIBED FROM LIS LOGS  
100 HR PERIODIC INSPECTION CARRIED OUT  
AS PER MANUFACTURERS RECOMENDATIONS

"I certify that all applicable airworthiness requirements  
stated in the Engineering and Inspection Manual have  
been met in respect of the work done and the aircraft is  
released for return to service."

Date 31/10/89 Signature P. Landry

AME LIC. NO.: XDM 121467

ALL 6 EXHAUST GASKETS REPLACED  
NO 4 PRIMER LINE REPLACED.  
HARNESS SECURED. PLUGS CLEANED GAPPED  
AND TESTED. CONTROLS SHIMMED TO REMOVE  
EXCESS PLAY.

"I certify that all applicable airworthiness requirements  
stated in the Engineering and Inspection Manual have  
been met in respect of the work done and the aircraft is  
released for return to service."

Date 4 NOV 90 Signature Jim Hooper

AME LIC. NO.: M 276847

The maintenance described above has been performed in  
accordance with the applicable standards of airworthiness.

Date: 28 Nov 91 Signature: Jim Hooper

AME LIC. NO.: M 276847

The maintenance described above has been performed in  
accordance with the applicable standards of airworthiness.

Date: 15 Nov 92 Signature: Jim Hooper

AME LIC. NO.: M 276847

near seal outboard. (Made of plastic)  
(Made of aluminium)  
166732

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→		986.	2	
06 NOV 92					Check valve clearance; Found OK. Wash engine Run up in parameters
26-05-93	46	7	1032	9	Annual inspection done as per program FQ 2210 Oil filter checked, no metal found New oil filter P/N E3560 installed Oil used 100W Shell. Run-up done, No leaks
10-5-94	41	6	1074	8	Total time of RH ENGINE SINCE
09-06-94			1074.	5	ANNUAL inspection done as per Chapter 571 of the airworthiness Manual. Oil filter replaced, no metal on chip detector Oil used Shell W100 As per AMA 571.103/1, on Condition maintenance of this engine has commenced. On condition maintenance of piston engine form filled and put in file. Both magnetos removed for 500 hrs inspection mags reinstalled and timed. Run-up done; no leak, engine within parameters
09-06-94			1074.	5	
06-06-95	37	6	1112	1	Annual inspection done as per 571 of Airworthiness Manual 101 (a) on condition Maintenance done, repeat inspection found engine within parameter. Oil used 100W Shell Chip detector checked on oil filter bowl, no metal found. 13 new spark plugs P/N REM40E installed both engines. Fuel filter cleaned. Run-up done, no leak found.
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			1112	1	
07-06-96	37	0	1149	1	100 hrs Annual inspection & out as per Airworthiness Manual chapter 571 101 (a). Oil filter magnetic plug checked, no metal found. New oil filter 7/8 E-3560 Winslow oil filter. Six new REM40E spark plugs installed. Run-up done no leak found.
8-6-97	38	3	1187	4	100 hrs Inspection Annual & out as per CAR's Section 625.86 Appendix B part 1 + appendix C. Oil filter checked no metal found. Magnetic plug. Oil used 100W Shell. Run-up done no leak found.
8-6-97	0	0	1187	4	
26-10-97					Engine serviced with inhibiting oil.
03-05-98	19	3	1206	7	Engine <del>oil</del> inhibiting oil removed. Engine and cylinders cleaned. Eng oil filter checked. No metal found. Screen checked. Eng. spark plugs cleaned, gapped and tested. Magnetic plugs checked. Engine serviced with 100W Shell W100.
12-8-98	9	5	1216	2	Annual insp. & out as per A.M. chap. 625 App. B part 1 + App. C. Oil changed done 3-5-98. Comp. #1 78 #2 79 #3 63 #4 79 #5 79 #6 79. Engine and controls inspected. Run-up done, within parameters, no leak.
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD <span style="font-size: 2em;">→</span>					
01-09-99	28	0	1244	2	Annual insp. about as per A.M. chap. 625 App. B part 1 + App. C Oil changed (10) shell w/100 Additive packets added (1) Oil filter replaced (E3560) no metal found Comp. #1.78 #2.79 #3.63 #4.79 #5.78 #6.76 Engine and controls inspected. Oil pressure relief valve adjusted (adding 1 washer). Run-up done, within parameters, no leaks
25 Oct 99	20	4	1264	6	Annual insp. about as per CAR'S chap. 625 App. B part 1 + Appendix C Oil changed (10) shell w/100 Oil filter inspected, no metal found Comp #1-80 #2-80 #3-80 #4-79 #5-80 #6-78 Exhaust stacks repaired by Arcorn welding w/ #01520 Run-up done, no leak found
12-NOV-00	11	4	1276	0	THIS ENGINE REMOVED FOR OVERHAUL REMOVED FROM C.F. NOX Model 944
19-03-02			0	00	Engine completely dismantled parts list.
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

# MAINTENANCE RECORD

4

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

WEIGHT AND BALANCE

INDEPENDENT CONTROL CHECK  
VÉRIFICATION INDÉPENDANTE DES COMMANDES

TECHNICAL RECORD ENTRIES  
INSCRIPTIONS AU DOSSIER TECHNIQUE

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Date: 1-7-99 signature: A. DUBREUIL

AME LIC. NO.: 11154137 AUG 26/92

## AIR QUASAR LTÉE / LTD E.S.A. AÉROTAXI

A.M.O. 261-92

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Date: 25-09-02 Signature: M. Lafrenière

A.M.E. licence no..

Mathieu Lafrenière  
M731358

Due High Time By year 2  
(Gruemann winged) 5/2/1994

and overhauled as per attached

AÉRO ATELIER C. M. INC.

AÉRO-ATE  
OMA 303

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

8



# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FOF					

## AIR QUASAR Ltée.

A.M.O. 261-92 SUB BASE #2  
HANGAR #8, 157 rang Bellevue, St-Robert, Qc

AIRCRAFT REGISTRATION: **C-FNOX** MODEL: **G44 A** (Grumman Widgeon) S/N: **1414**  
AIRCRAFT TOTAL TIME SINCE NEW: **4764.0 Hrs.** DATED: **20 Mai 2002**  
WORK ORDER NO. 212447

### -----WORK REPORT-----

**SUBJECT:** "ANNUAL INSPECTION CARRIED OUT AS PER AIRWORTHINESS MANUAL CHAPTER 625 APPENDIX 'B' PART 1 PLUS APPENDIX 'C'".

**ENGINE:** MODEL: Lycoming GO-435-C2B2

L/H S/N: L2662-11BA R/H: S/N: L-2982-11BA AT.T.S.O/H 0.00 Hrs.

Last O/H done: 19 MARS 2002 at 4764.0 Hrs.

**NEXT O/H BY HRS.: 6764.0 Hrs.**

(O/H PERIODE 2000Hrs./12year)

**NEXT O/H BY YEAR: 19 MARS 2014**

- 1.- Both engine OVERHAUL by "AéroAtelier CM Inc. Hérouxville Qc. Under Work Order # 2023 for Left Engine and Wor Order # 2024 for Right Engine.
- 2.- Both engine Serviced with 12 litres each of 100 M Shell Oil MINERAL
- 3.- Oil filter (1) each Fram P/N: E 3560
- 4.- Engine and controls accessories, baffles etc. re-installed, secured safetied and fonctional checked. And independant controls checked-carried out.
- 5.- New rubber engine mount (4) each P/N: J3804-10 and new Harware (4) each AN7-34A Bolts, nuts washers.
- 6.- Both Engine Fuel and Oil Hoses Replaced New.
- 7.- Both engine Exhaust System (complete) REPAIRED BY ALCOR WELDING Work Order # 2355.
- 8.- **GOVERNOR**: HARTZELL P/N: B-3 S/N: L/H: 1051 R/H: AW2037

OVERHAUL BY "HOPE AERO PRO PELLER & COMPONENTS INC. 31 JANUARY 2002 Under Work Order # T51694 L/Eng. and # T51695 R/Eng.

**NEXT O/H: 6763.9 Hrs.**

**SLICK MAGNETO: LEFT ENGINE**

L/H: 10-51365-32 S6LN-21 S/N: B139028DR R/H.

500Hr Inspection

R/H: 10-51365-33 S6LN-20 S/N: 8041008

**RIGHT ENGINE**

L/H: 10-51365-33 S6LN-21 S/N: 8041005

R/H: 10-51365-32 S6LN-21 S/N: 8041001

**NEXT 500Hrs. INSP. 5264.0 Hrs.**

AD's 2001-139A Engine O/H by Provence Aero N/A by cie name:

AD's 51-24-01, 62-23-05, 91-08-07c, 98-18-12, Previously C/W at eng. ine overhau on form 24-0045.

Magnetos AD's 94-01-03R2, 94-06-09 N/A, 96-12-07 Previously C/W at overhaul.

Engine run-up done, within parameter and no leak found.

**CERTIFICATION: AIR QUASAR Ltée A.M.O. 261-92**

"THE MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARD OF AIRWORTHINESS.

DATED: 20 MAI 2002 Signature.

A.C.A. no.2

(André Dufresne)

**NEXT ANNUAL INSPECTION 20 MAI 2003**

**NEXT OIL CHANGE 4814.0 Hrs.**

END


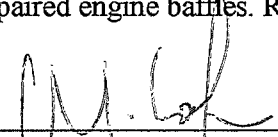
TOT/

TC


PREV.

TOTAL  
SINCE MFG.

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →			0	0	
Oct 17-02	17	0	17	0	Oil changed (10) Phillips 20W50 MINERAL. Oil filter inspected, no metal found. Run-up done, no leak found.
July 13-04	8	2	25	2	
<div style="display: flex; justify-content: space-between;"> <div> <p>Date : July 13, 2004 Mark : C-FNOX W/O : 1476</p> <p><b>Work Performed :</b></p> <p>Annual inspection c/out as per CAR's chap. 625 App. B part 1 and App. C. Oil changed (10) Shell 100 MINERAL each engine. Both oil filter screen cleaned and checked, no metal found. Compression all cyl. 78/80. Repaired engine baffles. Run-up done, no leak found.</p> <p><i>The maintenance described above has been performed in accordance with the applicable standards of airworthiness</i></p> </div> <div style="text-align: right;">   A.M.O. 261-92  Tél. 450-445-0888     <b>Mathieu Lafrenière ACA 001</b>  Air Quasar Ltée., 6050 route de l'aéroport, St-Hubert </div> </div>					
May 18-06	10	2	35	4	
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			35	4	

Date : May 18,2006

Mark :C-FNOX

W/O : 2279 ACTT 4799.4 Hrs.

**Work Performed :**

Annual inspection carried out as per car 625 appendix b part 1 and appendix c

**ENGINE:** MODEL: Lycoming GO-435-C2B2

L/H S/N: L2662-11BA R/H: S/N: L-2982-11BA T.T.S.O/H 0.00 Hrs.

Last O/H done: 19 MARS 2002 at 4764.0 Hrs.

(O/H PERIODE 2000Hrs./12year)

**NEXT O/H BY HRS. : 6764.0 Hrs.**

**NEXT O/H BY YEAR : 19 MARS 2014**

2.- Both engine Serviced with 12 litres each of 20W50 Exxon oil

3.- Oil filter (1) each Fram P/N : E 3560 Replaced new.

4.- Engine and controls ,accessories, baffles etc. inspected and functional checked ok..

7.- CF90-03R2 Both engine Exhaust System inspected ok.

8- CF2005-40 Maint. Of piston eng. N/A by cie.

8.- **GOVERNOR**: HARTZELL P/N: B-3 S/N; L/H: 1051 R/H: AW2037

OVERHAUL BY "HOPE AERO PRO PELLER & COMPONENTS INC. 31 JANUARY

2002 Under Work Order # T51694 L/Eng. and # T51695 R/Eng.

**NEXT O/H: 6763.9 Hrs.**

**SLICK MAGNETO: LEFT ENGINE**

L/H: 10-51365-32 S6LN-21 S/N: B139028DR

R/H: 10-51365-33 S6LN-20 S/N: 8041008

## RIGHT ENGINE

L/H: 10-51365-33 S6LN-21 S/N: 8041005

R/H: 10-51365-32 S6LN-21 S/N: 8041001

**NEXT 500Hrs.INSP. 5264.0 Hrs.**

AD's 2001-139A Engine O/H by Provence Aero N/A by cie name.

AD's 51-24-01, 62-23-05, 91-08-07c, 98-18-12, Previously C/W at engine overhaul on form 24-0045.

Magnetos AD's 94-01-03R2, 94-06-09 N/A, 96-12-07 Previously C/W at overhaul.

Engine run-up done, within parameter and no leak found.

**NEXT ENGINE OIL AND FILTER CHANGE AT 4849.4 Hrs.**

**NEXT ANNUAL INSP. AT MAY 18, 2007**

*The maintenance described above has been performed in accordance with the applicable standards of airworthiness*


*[Signature]*

André Dufresne ACA no.2

Air Quasar Ltée., 6050 route de l'aéroport, St-Hubert

[illegible]

## ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

FOSTER AIRCRAFT MAINTENANCE LTD.

77 AIRPORT ROAD, EDMONTON, ALBERTA  
TRANSPORT CANADA AMO#110-95

DATE: 10 Sept 2009

REG: C-FNOX

TOTAL AIRFRAME TIME: 4916.5

W0#: 5060

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil not changed due to low time in service.
- 3) Engine DP test results:  
RH: #1- 79/80, #3- 79/80, #5- 79/80, #2- 79/80, #4- 79/80, #6- 78/80
- 4) Spark plugs replaced with new Champion P/N: REM40E (12).
- 5) RH engine push rod tube seals replaced with new P/N: 548661 (24).
- 6) RH engine rocker cover gaskets replaced with new P/N: RG67193 (6).
- 7) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

Jeff Foster M309224

[illegible]

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

*FOSTER AIRCRAFT MAINTENANCE LTD.*  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 20 Sept 2011      REG: C-FNOX      TOTAL AIRFRAME TIME: 4978.5      W0#: 5740

*FOSTER AIRCRAFT MAINTENANCE LTD.*  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 30 July 2012      REG: C-FNOX      TOTAL AIRFRAME TIME: 5012.9      W0#: 6023

Engine oil changed with 11L each Aeroshell 15w50, oil filters inspected and replaced with new P/N: CH48109-1 (2). Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

*FOSTER AIRCRAFT MAINTENANCE LTD.*  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 22 Feb 2013      REG: C-FNOX      TOTAL AIRFRAME TIME: 5012.9      W0#: 6210

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil not changed due to low time in service.
- 3) Engine DP test results:  
RH: #1- 72/80, #3- 74/80, #5- 76/80, #2- 64/80, #4- 70/80, #6- 76/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Magneto timing verified.
- 6) Cylinder #4 push rod tube seals replaced with new P/N: LW18661 on RH engine.
- 7) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M476795

Cody Richardet

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

# MAINTENANCE RECORD

9

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

Engine oil changed with 11L Aeroshell 15w50, oil filter inspected and replaced with new  
P/N: CH48109-1. Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

*FOSTER AIRCRAFT MAINTENANCE LTD.*  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 24 Feb 2012 REG: C-FNOX TOTAL AIRFRAME TIME: 4979.6 W0#: 5871

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil not changed due to low time in service. Oil filter inspected and replaced with new P/N: CH48109-1.
- 3) Engine DP test results:  
RH: #1- 78/80, #3- 74/80, #5- 76/80, #2- 72/80, #4- 76/80, #6- 78/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) \* RH throttle rigging carried out.
- 6) Ground run, no leaks, all parameters normal.

\* Independent control check completed by Cody Richardet M476795

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

14

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <b>NOTE:</b> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

**FOSTER AIRCRAFT MAINTENANCE LTD.**  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

**DATE:** 12 June 2014    **REG:** C-FNOX    **TOTAL AIRFRAME TIME:** 5033.1    **W0#:** 6730

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil changed with 11 liters each Aeroshell 15W50. Oil filter inspected and replaced with new P/N: CH48109-1.
- 3) Engine DP test results:  
RH: #1- 73/80, #3- 69/80, #5- 71/80, #2- 72/80, #4- 72/80, #6- 73/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

**FOSTER AIRCRAFT MAINTENANCE LTD.**  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

**DATE:** 30 Apr 2015    **REG:** C-FNOX    **TOTAL AIRFRAME TIME:** 5056.5    **W0#:** 7053

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil changed with 11 L Aeroshell 15W50. Oil filter inspected and replaced with new P/N: CH48109-1.
- 3) Engine DP test results:  
RH: #1- 76/80, #3- 76/80, #5- 78/80, #2- 75/80, #4- 79/80, #6- 73/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) LH & RH breather housing removed and cleaned. LH screen replaced with new P/N: 70398. Assemblies reinstalled using new MIL-DTL-6000D1.
- 6) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

**FOSTER AIRCRAFT MAINTENANCE LTD.**  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

**DATE:** 15 June 2016    **REG:** C-FNOX    **TOTAL AIRFRAME TIME:** 5063.3    **W0#:** 7323

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil changed with 11 L Aeroshell 15W50. Oil filter inspected and replaced with new P/N: CH48109-1.
- 3) Engine DP test results:  
RH: #1- 76/80, #3- 70/80, #5- 71/80, #2- 73/80, #4- 72/80, #6- 75/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) RH aft baffle repaired on RH engine.
- 6) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM  
PREVIOUS SUMMARY

TOTAL  
SINCE MFG.

15



# ENGINE SERVICE AND

# MAINTENANCE RECORD

11

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

FOSTER AIRCRAFT MAINTENANCE LTD.  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 31 May 2017 REG: C-FNOX TOTAL AIRFRAME TIME: 5074.3 WO#: 7777

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil changed with 11 L Aeroshell 15W50. Oil filter inspected and replaced with new P/N: CH48109-1.
- 3) Engine DP test results:  
RH: #1- 74/80, #3- 76/80, #5- 75/80, #2- 71/80, #4- 72/80, #6- 77/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Induction Tube O-rings and Gaskets replaced. Lycoming P/N 71973 (6) and 72182 (6).
- 6) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

Jeff Foster

FOSTER AIRCRAFT MAINTENANCE LTD.  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 20 Sept 2017 REG: C-FNOX MODEL: G44 S/N: 1414 WO#: 7896  
AIRFRAME TOTAL TIME: 5105.3 ENGINE TIME: N/A PROPELLER TIME: N/A

Engine oil changed with 11 L each Aeroshell 15W50. Oil filters inspected and replaced with new P/N: CH48109-1 (2). Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

M309224

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FOSTER AIRCRAFT MAINTENANCE LTD.  
UNIT 3, 550 HURRICANE DRIVE, SPRINGBANK, ALBERTA

DATE: 29 Mar 2018 REG: C-FNOX TOTAL AIRFRAME TIME: 5105.3 WO#: 8004, 8016, 8044

- 1) Annual inspection completed as per CAR 625 appendix B part 1 and C, using Grumman Widgeon Inspection Report as a guide.
- 2) Engine oil not changed due to no time in service.
- 3) Engine DP test results:  
LH: #1- 74/80, #3- 75/80, #5- 76/80, #2- 78/80, #4- 71/80, #6- 70/80  
RH: #1- 79/80, #3- 75/80, #5- 77/80, #2- 78/80, #4- 77/80, #6- 77/80
- 4) Spark plugs cleaned, gapped and tested.
- 5) Induction gaskets on LH eng. cylinder 5 and RH eng. cylinders 3 and 5 replaced with new P/N: 71973 (3) and 72182 (3).
- 6) LH and RH breather hoses replaced with new P/N: MILDTL6000-1.
- 7) Engine mount isolators on both replaced with new P/N: J3804-10 (8).
- 8) RH engine driven fuel pump P/N: PR400-BRD S/N: A3394W, replaced with overhauled unit P/N: TF900-5 S/N: TF3585V.
- 9) LH fwd cowl baffle tape replaced with new.
- 10) LH & RH prop governor drive pad gaskets replaced with new P/N: 71210 (4) and 72053 (4).
- 11) RH propeller governor S/N: AW2037 repaired by Western Propeller (pacific) Ltd. WO#: 22003.
- 12) Ground run, no leaks, all parameters normal.

THE DESCRIBED MAINTENANCE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS

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REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		



AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE	A/D,	S/B,	S/I,	MODS	DETAILS OF
09-06-94	54-21-01				AC Diaphragm Type fuel pump not
09-06-94	62-23-05				Propeller shaft oil seal rings, N/A as per S/N
09-06-94	65-21-01				N/A, Starter Bendix Model 397-156 found
09-06-94	69-25-08				N/A as per Model.
09-06-94	74-26-09				N/A as per magnetos part numbers.
09-06-94	78-09-07	R3			(Bendix SB 599 D) Impulse coupling inspected, found
09-06-94	82-20-01				(Bendix SB 623) Impulse coupling inspected, found OK.
09-06-94	94-01-03				(Bendix SB 637) Magnetos ignition coils and rotating
09-06-94	94-06-09				Magnetos capacitors not affected by this AO.
19-3-97	97-01-03				Piston PIN PIN LW14077 N/A 60 psi. engine
25-8-00	98-18-12				CRANE/LEAR ROMEC fuel pump pump. N/A

## SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

WORK OR INSPECTION PERFORMED	SIGNATURE	LICENCE NUMBER
installed.	<i>Bruno Thies</i>	M386530
installed.	<i>Bruno Thies</i>	M386530
O.K. (Inspection each 100 hrs)	<i>Bruno Thies</i>	M386530
magnets inspection, found OK as per Data code on capacitors model	<i>Bruno Thies</i>	M386530
	<i>Bruno Thies</i>	M386530
	<i>Bruno Thies</i>	M386530
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	<i>Bruno Thies</i>	M386530

# RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE	A/D, S/B, S/I, MODS	DETAILS OF	
190302	Aéro-Atelier C.M. Inc App.# 303-91 (418-365-7790)		
	<b>GO-435-C2B2</b> <b>Airworthiness Directives</b>		
	<b>Lycoming</b>		
	51-24-01	To prevent loosening of the exhaust valve seats	All new cylinder installed
	62-23-05	To detect excessive wear of the propeller shaft oil seal rings,contd	SB290 OK Inspected
	91-08-07C	To prevent engine power loss and possible loss of the aircraft	SB494-497 N/A APM
	98-18-12	To prevent rotary fuel pump leaks wich couls result in an engine failure engine fire and damage to or loss contd	SB529 OK Inspected
	<b>Service Bulletin Lycoming</b>		
	SB178A	Repair of worn reduction gear housing sleeve	
	SB183A	Magneto timing discrepancies	
	SB225B	Replacement of valve rocker thrust washers	
	SB240R	Mandatory parts replacement at normal overhaul nad during repair at normal maintenance	
	SB246	Conversion of GO-435-C2B and GO-435-C2B2 engines to GO-435-C2B-6 and GO-435-C2B2-6	
	SB247	Modification of oil metering plug in accessories housing	
	SB319B	Reduction gear assembly inspection	
	SB348A	Clearance for valve rocker assembly	
	SB388B	Procedure to determine exhaust valve and guide condition	All new cylinder installed
	SB398	Recommendation regarding use of incorrect fuel	
	SB406A	Titan fuel pump inspection	
	SB439A	Inspection of connecting rods for fretting	
	SB464A	Inspection of impulse coupling cam assemblies	
	SB496	Rotary fuel pump -relief valve diaphragm replacement	Pump replaced
	SB508	Proper Installation of impulse couplings	
	SB516	Inspection and removal of TCM and Bendix S-20 and S-1200 series	
	SB528	Diatributor gear maintenance	
	SB529A	Rotary fuel pump inspection	N/A APM
	SB540	Valve Seat Inspection	N/A APPN
	<b>Service Instruction Lycoming</b>		
	SI:1011H	Part I: Table of current hydraulic tapper bodies,plunger assemblies and hydraulic lifter assemblies Part II: Inspection Procedures for hydraulic lifter	
	SI:1012F	Part I: Correct location for counter-weight an roller on a crankshaft Part II: Proper assemblies procedure for C/W and roller on a C/Shaft	
SI:1014M	Lubricating oil recommendation		
SI:1025	Torque setting		
SI:1029D	Tightening procedures for c/case thru-studs and bolts		
SI:1042W	Approved spark plugs		
SI:1059C	Pre-lubrication of parts prior to assembly		
SI:1060H	Push ros identification		
SI:1156A	Propeller shaft and pinion cage ass		
SI:1181	Color code on cylinder for Avco Lycoming engines		
190302	The maintenance described above was accomplished in accordance with the applicable standards of airworthiness. Accomplished by: <u>                    </u> Inspected by: <u>                    </u>		

## SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

WORK OR INSPECTION PERFORMED

SIGNATURE

LICENCE  
NUMBER

Aéro-Atelier C.M. Inc  
App.# 303-91  
(418-365-7790)

SI:1205 Standards for crankshaft journal diameters  
SI:1210B Pinion cage attaching nut repl.  
SI:1241C Pre-oiling engines prior to initial start  
SI:1285B Magnetic particle inspection  
SI:1296 Drive plate and crankshaft attaching parts  
SI:1380 Engine mounting bracket attaching nuts or bolts  
SI:1420 Fuel pump drive spline lubrication  
SI:1424 Installation procedure for P/N78290 hydraulic tappet/plunger assemblies  
SI:1458B Connecting rods bolts  
SI:1484 Torque Carb.  
SI:1487 Oil drainback tube clearance  
SI:1492B Piston pin plug wear inspection  
Magneto: Airworthiness Directives  
94-01-03 R2 Replacement coils and magnets  
94-06-09 Capacitor Inspection N/A  
96-12-07 Impulse coupling inspection New cam

The maintenance described above was accomplished in accordance with the applicable standards of airworthiness.

Accomplished by: AM  
Inspected by: AM

AÉRO-ATELIER C.M. INC.  
DMA 303-91 SCA #1

AÉRO-ATELIER C.M. INC.