

Log 2

N4515L

ENGINE LOG  
EF5-1

# Engine Log

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Aero Products Corporation

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# ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL O-360-A4K

SERIAL NUMBER L-25741-36A DATE OF MANUFACTURE \_\_\_\_\_

RATED BHP \_\_\_\_\_ RPM \_\_\_\_\_ MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE \_\_\_\_\_

REGISTERED OWNER DANIEL R AND ALICE R. KELLY

STREET NO. 343 TEXAS HERITAGE DR

CITY, STATE, ZIP LAVERNIA TX 78121

REGISTERED OWNER \_\_\_\_\_

STREET NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

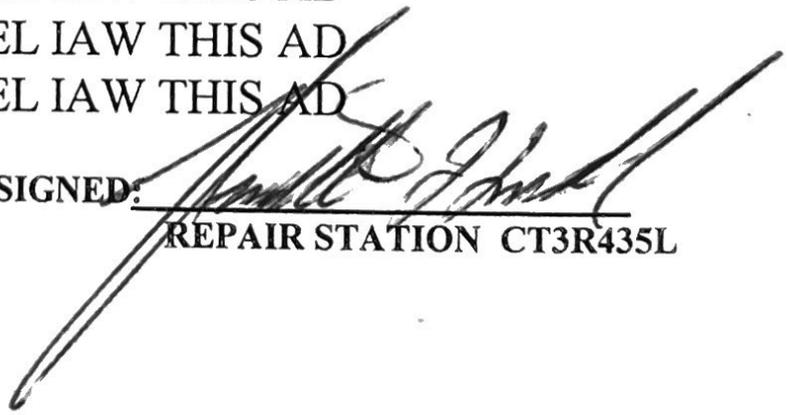


# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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73-23-01 R4	N/A BY PISTON PIN P/N IAW LYCOMING SB 367F					
66-20-04	N/A BY OIL FILTER ADAPTER TYPE IAW THIS AD					
64-16-05	N/A BY FUEL PUMP MANUFACTURER IAW THIS AD					
59-10-07	N/A LYCOMING SB 254A IS CURRENTLY INACTIVE					
94-25-04	N/A BY CARBURETOR P/N IAW THIS AD					
79-08-06	N/A BY CARBURETOR P/N IAW THIS AD					
77-13-16	N/A BY CARBURETOR P/N IAW THIS AD					
72-06-05 R2	N/A BY THROTTLE SHAFT P/N IAW LYCOMING SB 330A					
69-24-03	N/A BY CARBURETOR P/N IAW THIS AD					
81-16-05	N/A BY MAGNETO MODEL IAW THIS AD					
80-06-05	N/A BY MAGNETO MODEL IAW THIS AD					
74-18-05	N/A BY MAGNETO MODEL IAW THIS AD					

**WORK ORDER NO:** 31453    **DATE:** 08/09/08  
**LY-CON REBUILDING CO.**                      **(559) 651-1070**

**SIGNED:**    
**REPAIR STATION CT3R435L**



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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LYCOMING O-360-A4K S/N L-25741-36A MAJOR ENGINE OVERHAUL IAW MANUAL # 60294-7-9 WITH THE FOLLOWING PARTS INSTALLED: 1EA 84979 CRANKCASE I.D. # 4423, 1EA LW-11153 CRANKSHAFT S/N 133681, 1EA FFT-360&320-CAM-001 CAMSHAFT ( 76097 MODIFIED BY FIREWALL FORWARD STC SE00590DE ) S/N 0171, 4EA LW-12427 CYLINDER ASM, 1EA 4371 MAGNETO S/N 08063370, 1EA 4370 MAGNETO S/N 08063060, 1EA M4001 HARNESS, 1EA HA6 P/N 10-5219 CARBURETOR O/H S/N 75010714, 1EA 40295 FUEL PUMP S/N AA24061, 4EA LW-13923 BUSHING, 1EA 75439-1 SEAL & GASKET SET, 1EA 75736 TUBE, 1EA STD-2246 BOLT, 2EA 18A19441 BEARING, 4EA 18D19394 BEARING, 8EA 18M19389 BEARING, 1EA 61084 SPRING, 1EA 1028-B BALL, 1EA STD-2231 RET RING, 1EA SL61544 PLUNGER, 1EA SL76121 SHAFT, 1EA AEL72970 GEAR, 1EA AA48110 OIL FILTER, 1EA AEL19600 VERNATHERM, 7EA AEL75061 BOLT, 1EA AEL75061 BOLT, 8EA AEL12186 NUT, 3EA STD-1821 HOSE, 1EA STD-1821 HOSE, 2EA LW-15592-5-05 CLAMP, 6EA LW-15592-5-05 CLAMP, 2EA 75339 BAFFLE ASM, 1EA AEL68760 TUBE ASM, 2EA AEL68761 TUBE ASM, 8EA REM40E SPARK PLUG, 4EA STD-1901 STUD, 1EA STD-551 PLUG, 3EA 69603 HOSE, 1EA 69603 HOSE, 8EA LW-15592-8-28 CLAMP, 8EA 72877R LIFTER REGROUND, 1EA LW-16266-25-13 CLAMP, 3EA LW-16266-25-13 CLAMP, 1EA 76220-P02 STUD, 2EA AELSTD2013 O-RING, 2EA SL71646 LOCK PLATE, 3EA LW-31-0.94 BOLT, 1EA STD-1410 NUT, 3EA STD-2249 NUT, 2EA LW-25-1.44 BOLT, 2EA CF81-298 NUT, 1EA 78-A299 WASHER, 1EA 16-B303 GASKET, 1EA CF16-B302 GASKET, 1EA CF44-221 PACKING, 1EA CF16-B322 GASKET, 1EA CF233-614 VALVE & SEAT, 2EA 16-A108 GASKET, 1EA 16-B330 GASKET, 3EA 44-224 O-RING, 2EA CF44-286 PACKING, 4EA 55-A233 RETAINER, 1EA 16-A56 GASKET, 2EA 15-A23 SCREW, 1EA 16-B59 GASKET, 1EA CF16-B57 GASKET, 1EA 16-367 GASKET, 1EA 81-308 NUT, 1EA CF78-A295 WASHER, 2EA 44-220 O-RING, 2EA 55-255

PAGE 1 OF 2

LY-CON REBUILDING CO. 8231 Doe Avenue Visalia, CA 93291 (559) 651-1070

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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RETAINER, 2EA 82-14 PIN, 7EA 78-A122 WASHER, 4EA AEL13790 SHAFT, 8EA AEL12892 THRUST BUTTON, 7EA AEL74637 BUSHING, 1EA AEL74637 BUSHING, 1EA 179-45 PLUG, 3EA STD-1856 SCREW, 2EA STD-1882 SCREW, 1EA STD-551 PLUG, 24EA STD-1925 SCREW, 4EA LW-12598 SLEEVE, 1EA LW-10729 U/S LINK - SERVICEABLE, 1EA AEL11485 U/S TUBE PUSH ROD - SERVICEABLE, 1EA 71713 U/S INTAKE PIPE - SERVICEABLE, 1EA 77159 U/S OIL SUMP - SERVICEABLE, 1EA 179-45 PLUG, 1EA 78-121 WASHER, 1EA CF30-768 FLOAT. PORT MATCH & FLOW BALANCE CYLINDERS. TEST RUN 1.5 HOURS. COMPLIED WITH PERTINENT A.D.'S & S.B.'S. ALL INFORMATION ON FILE AT LY-CON REBUILDING CO. REFERENCE WO 31453.

PAGE 2 OF 2

LY-CON REBUILDING CO. 8231 Doe Avenue Visalia, CA 93291 (559) 651-1070

This Aircraft, Engine, or Component, Whichever Above Has Been Repaired and/or Inspected in Accordance With Current Federal Aviation Administration Regulations and is Approved For Return to Service. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK

ORDER NO. 31453 DATE 8-9-08

SIGNED [Signature]

LY-CON REBUILDING CO. VISALIA CALIF REPAIR STATION CT3R435L

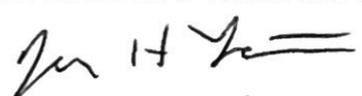
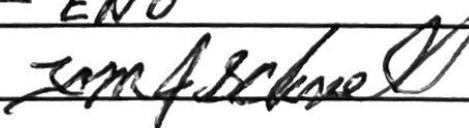
## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>9-4-08 Tachometer 1865.4 total time 1865.4 Engine removed for overhaul sent to Lycon for overhaul. Installed overhauled engine with new mounts, flexible fuel / oil lines, side baffles. cleaned and painted remaining baffle. Cleaned and painted engine mount, cleaned firewall and detailed engine. Shimmed engine for spinner alignment. Install power flow exhaust system short stack. Submitted form 337 and amended weight and balance. Installed larger oil cooler in accordance with American General Accessory kit AK-136. Installed new EDM engine analyzer UBG-16 with 4 CHT and 4 EGT channels in accordance with instructions provided. See form 337. removed old CHT gage and probe. See attached AD summary. All AD checked through 08-16. I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;"><i>John H. Langston</i> 191825468</p>
2009		
1-11-09	1391.01	<p>REMOVED AND REPLACED LYCON/USKYTEC (PN 31A23104/147-1315) STARTER WITH NEW UNIT, SN F2L-320756. CHECKED AND RESET TIMING TO 25° BTDC. — END</p> <p style="text-align: right;"><i>John A. Beckner</i> AIP 50578354</p>

AFT, 8EA AEL12892  
EA 179-45 PLUG, 3EA  
925 SCREW, 4EA LW-  
U/S TUBE PUSH ROD  
159 U/S OIL SUMP -  
MAT. PORT MATCH &  
PERTINENT A.D.'S &  
REFERENCE WO 31453.

70  
Inspection  
For Repair to  
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8  
ATION  
435L

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-4-08	Tachometer 1865.4 total time 1865.4	<p>Engine removed for overhaul sent to Lycon for overhaul. Installed overhauled engine with new mounts, flexible fuel / oil lines, side baffles. cleaned and painted remaining baffle. Cleaned and painted engine mount, cleaned firewall and detailed engine. Shimmed engine for spinner alignment. Install power flow exhaust system short stack. Submitted form 337 and amended weight and balance. Installed larger oil cooler in accordance with American General Accessory kit AK-136. Installed new EDM engine analyzer UBG-16 with 4 CHT and 4 EGT channels in accordance with instructions provided. See form 337. removed old CHT gage and probe. See attached AD summary. All AD checked through 08-16. I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">                       John H. Langston                      A11825468                 </p>
2009		
1-11-09	1891.01	<p>REMOVE AND REPLACE LYCOMING/SKYTEC (PN 31A22104/1449-1265) STARTER WITH NEW UNIT, SN F2L-320756. CHECKED AND RESET TIMING TO 25° BTDC. — END</p> <p style="text-align: right;">                       Tom A. Schone AIP 30578354                 </p>



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
21 Dec 2009	1916.76	<p>PERFORMED AN ANNUAL INSPECTION IAW FAR 43 APPD.            CHANGED ENGINE OIL AND FILTER (AMISHELL 15W50/AA48110).            CHANGED ENGINE AIR FILTER BRACKET BA-20, COMPRESSIONS:            1) 75/80 2) 78/80 3) 76/80 4) 77/80. CLEANED, GAPPED AND            ROTATED SPARK PLUGS. LABELED ENGINE CONTROLS. CLEANED            ENGINE, GROUND RUNUP OK. ADS CHECKED TO DATE.            I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW            AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN            AIRWORTHY CONDITION. Tom J. Schell            IA 305783534</p>
19 Aug 2010	1935.77	<p>CHANGED ENGINE OIL &amp; FILTER. AS 15W50/AA48110. OLD FILTER CLEAN.            RUNUP OK. RETURN TO SERVICE. Dan R. Key <sup>ATP 1727601</sup> OWNER</p>
28 Dec 2010	1977.08	<p>CHANGED ENGINE OIL &amp; FILTER. AS 15W50/AA48110. OLD FILTER CLEAN,            RUNUP OK. RETURN TO SERVICE. Dan R. Key <sup>ATP 1727601</sup> OWNER</p>

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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1-12-2011

~~000000~~ Tachometer 1978.04 Performed Annual inspection on engine in accordance with Gulfstream Aerospace Corp. AA-5 Maintenance Manual ch. 5-2-1, pages 202 thru 216 and FAR 43 Appendix D. All AD checked through ~~10-26~~<sup>11-01</sup>. Compression check 79, 79, 79, 79/80 I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

*[Signature]* - AP 3454336 IA

15 SEP 2011

1995.64

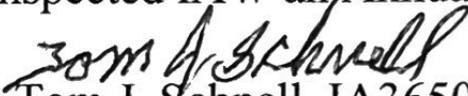
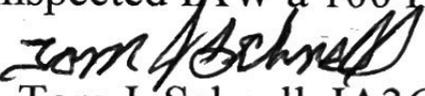
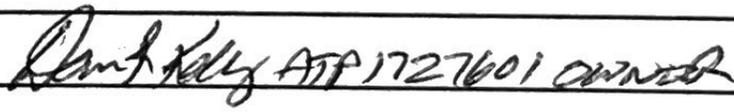
CHANGED ENGINE OIL & FILTER, AS 15W50 + ASL CAMGUARD (120Z) / AA48110  
OLD FILTER CLEAN. RUNUP OK. RTN TO SERVICE

*[Signature]* AP 1727601 OWNER

Feb 10, 2012. Tachometer 2015.02. Total time 2015.02. Performed an Annual Inspection IAW FAR 43 App D. Changed engine oil and filter (Aeroshell 15W50 / AA48110, ASL Camguard). Compression : 1) 76/80 2) 78/80 3) 78/80 4) 78/80. Cleaned, gapped and rotated spark plugs. Lubed engine controls, cleaned engine, ground runup OK. AD s checked to date. I certify that this engine has been inspected IAW an Annual Inspection and found to be in an airworthy condition.

*[Signature]*  
Tom J. Schnell, IA305783534

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
May 1, 2013.	Tachometer 2045.75. Total time 2045.75.	Performed an Annual Inspection IAW FAR 43 App D. Changed engine oil and filter (Aeroshell 15W50 / AA48110, ASL Camguard). Compression : 1) 78/80 2) 78/80 3) 77/80 4) 78/80. Cleaned, gapped and rotated spark plugs. Lubed engine controls, cleaned engine, ground runup OK. AD s checked to date. I certify that this engine has been inspected IAW an Annual Inspection and found to be in an airworthy condition.  <div style="text-align: right;">                       Tom J. Schnell, IA3650511                 </div>
September 13, 2014.	Tachometer 2079.77. Total time 2079.77.	Performed a 100 Hour Inspection IAW FAR 43 App D. Changed engine oil and filter (Aeroshell 15W50 / AA48110). Compression : 1) 74/80 2) 76/80 3) 76/80 4) 75/80. Cleaned, gapped and rotated spark plugs. Lubed engine controls, cleaned engine, ground runup OK. AD s checked to date. I certify that this engine has been inspected IAW a 100 Hour Inspection and found to be in an airworthy condition.  <div style="text-align: right;">                       Tom J. Schnell, IA3650511                 </div>
SEP 29, 2015	2110.76	CHANGED ENGINE OIL & FILTER. AS 15W50, 120Z AN BLEND / AA48110-2. OLD FILTER CLEAN, RUNUP OK  <div style="text-align: right;">                       Rent Kelly ATP 1727601 OWNER                 </div>



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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*Fletchair Fleet Support L.L.C*  
 1409 Aviation loop, Fredericksburg Texas  
 830-990-2252

Registration Number: N4515L  
 Engine Make: Lycoming  
 Engine M/N: O-360-A4K  
 Engine S/N: L-25741-36A  
 Date: 12/14/2016

Aircraft Tach Time: 2121.98  
 Engine TSO: 256.58  
 Engine TSN: 2121.98

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 77, #2 - 77, #3 - 78, and #4 - 78/80. Cleaned, gapped and rotated plugs. Installed new induction air filter P/N P253 and new induction endplate kit P/N 5500015-500. Repaired #1 EGT wire. Checked magneto timing, found LH mag at 28°, set at 25°. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott Egesdahl A&P3515856IA

12 DEC 2017	2163.47	CHANGED ENGINE OIL & FILTER. AS 15W50, AA48110-2 FILTER, 12OZ AVBLEND. OLD FILTER CLEAN. RUNUP & LEAK CHECK OK  <i>James R. Kelly ATP 1727601 OWNER</i>
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# INSPECTION & MAINTENANCE RECORD

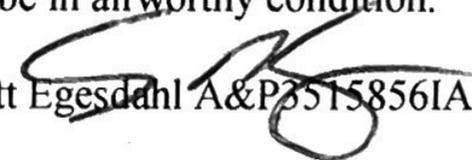


*Fletchair Fleet Support L.L.C*  
1409 Aviation loop, Fredericksburg Texas  
830-990-2252

Registration Number: N4515L  
Engine Make: Lycoming  
Engine M/N: O-360-A4K  
Engine S/N: L-25741-36A  
Date: 1/12/2018

Aircraft Tach Time: 2164.3  
Engine TSO: 298.9  
Engine TSN: 2164.3

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 73, #2 - 76, #3 - 74, and #4 - 76/80. Inspected oil filter. Cleaned, gapped and rotated plugs. Installed new induction air filter P/N P253. Checked magneto timing, found to be set at 25°. Repaired #1 cylinder EGT probe connection. Removed oil cooler, welded crack and reinstalled, Relocated magneto plug lead hole in engine baffle. Replaced #2 and #4 cylinder valve cover gaskets with new, P/N AEL75906-0635. Replaced mixture shaft oring with new. Replaced oil return hoses on #1 and #3 cylinders with new, P/N STD1821. Replaced throttle rod end with new, P/N C508. AD 17-16-11 N/A due to affected bushings not installed. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

  
Scott Egesdahl A&P3515856IA



# INSPECTION & MAINTENANCE RECORD

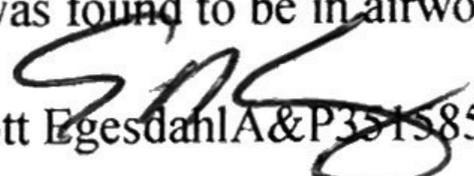


*Fletchair Fleet Support L.L.C*  
*1409 Aviation loop, Fredericksburg Texas*  
*830-990-2252*

Registration Number: N4515L  
Engine Make: Lycoming  
Engine M/N: O-360-A4K  
Engine S/N: L-25741-36A  
Date: 4/14/2020

Aircraft Tach Time: 2207.84  
Engine TSO: 342.44  
Engine TSN: 2207.84

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 76, #2 - 78, #3 - 78, and #4 - 79/80. Removed oil filter, inspected for contaminants, Installed new owner supplied filter P/N CH48110-1. Drained oil and serviced with 7 qts Aeroshell 15W50. Replaced induction filter P/N P253. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

  
Scott Egesdahl A&P 3515856IA



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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**Fletchair Fleet Support L.L.C**  
 1409 Aviation loop, Fredericksburg Texas  
 830-990-2252

Registration Number: N4515L  
 Engine Make: Lycoming  
 Engine M/N: O-360-A4K  
 Engine S/N: L-25741-36A  
 Date: 6/1/2022

Aircraft Tach Time: 2218.54  
 Engine TSO: 353.14  
 Engine TSN: 2218.54

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 74, #2 - 76, #3 - 75, and #4 - 77 /80. Removed oil filter, inspected for contaminants, Installed new filter P/N CH48110-1. Drained oil and serviced with 7 qts Aeroshell 15W50. Cleaned, gapped and rotated plugs. Installed new induction air filter P/N P253. Checked magneto timing, found to be set at 25°. Replaced # 1 cylinder intake tube gasket P/N AEL71973. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott Egesdahl A&P35158561A

AUG 18 2022 2219.35 ADDED 1 CAN (12 OZ) AVIATION TO CRANKCASE. J. B. K. 1722001 <sup>ASA OWNER</sup>

3/28/23 Tach: 22227.2

Installed 8 new Champion REM37BY spark plugs. Performed ground run and ops check good.

Steve Mcleod A&P3370601



# INSPECTION & MAINTENANCE RECORD



*Fletchair Fleet Support L.L.C*  
1409 Aviation loop, Fredericksburg Texas  
830-990-2252

Registration Number: N4515L  
Engine Make: Lycoming  
Engine M/N: O-360-A4K  
Engine S/N: L-25741-36A  
Date: 6/15/2023

Aircraft Tach Time: 2237.02  
Engine TSO: 371.62  
Engine TSN: 2237.02

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 75, #2 - 77, #3 - 76, and #4 - 76 /80. Removed oil filter, inspected for contaminants, Installed new filter P/N AA48110-2. Drained oil and serviced with 7 qts Phillips X/C 20W50, added 8oz Camguard. Cleaned, gapped and rotated plugs. Installed new induction air filter P/N P253. Checked magneto timing, found to be set at 25°. Removed RH Slick Magneto M/N 4370 S/N 08063018. Installed SureFly Electronic ignition in the RH magneto position. M/N SIM4N S/N 4N-0723014. IAW Airframe STC SA04378CH and Engine STC SE04349CH. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.



**McGregor Executive Airport, McGregor TX 76657**

Scott Egesdahl A&P35158661A

**Work Order: 24-0104**

AC Model:	AC SN:	Reg. No.:	Hobbs:	TACH	Date
Grumman AA5B	AA5B1010	N4515L	NA	2619.7	14 Mar 24
Removed faulty fuel sump drain, PN F391-535, and replaced with new, PN F391-535, IAW Grumman AA5B MM. OPS and leak check satisfactory.					

For work performed and detailed above, this aircraft is approved for return to service.

C. Donley AP3073534IA

# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



**McGregor Executive Airport, McGregor TX 76657**

**Work Order: 24-0138**

AC Model:	AC SN:	Reg. No.:	Hobbs:	TACH	Date
Grumman AA5B	AA5B1010	N4515L	2644.9	2285.8	24 Apr 24

Ran aircraft. Opened cowlings enough to gain access. Drained engine oil. Removed filter, PN AA48110-2 and replaced with new, PN AA48110-2 IAW, manufacturer's instructions. Serviced crankcase with 7 quarts Phillips XC 20w50 engine oil. Opened oil filter and inspected media for contamination, none found. Reinstalled cowlings and performed leak check/ops check. Operational check/leak check satisfactory. Work done IAW Grumman AA5 AMM.

For work performed and detailed above, this aircraft is approved for return to service.

A handwritten signature in black ink, appearing to read 'C. Donley', written over a horizontal line.

C. Donley AP3073534IA



Fletchair Fleet Support L.L.C  
1409 Aviation loop, Fredericksburg Texas  
830-990-2252

Registration Number: N4515L  
Engine Make: Lycoming  
Engine M/N: O-360-A4K  
Engine S/N: L-25741-36A  
Date: 7/15/2024

Aircraft Tach Time: 2301.5  
Engine TSO: 436.1  
Engine TSN: 2301.5

Performed Annual inspection in accordance with FAR 43 app D, with reference to Gulfstream Aerospace Corp. Maintenance Manual, Ch. 5-2-1, pages 202 thru 214. Compression check: #1 - 70, #2 - 73, #3 - 75, and #4 - 76 /80. Removed oil filter, inspected for contaminants, Installed new filter P/N CH48110-1. Drained oil and serviced with 7 qts Phillips X/C 20W50, added 8oz Camguard. Cleaned, gapped and rotated plugs. Installed new induction air filter P/N P253. Checked LH magneto timing, found to be set at 25°. Checked Surefly timing, found to be set to 0°. AD's checked current this date. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.

Scott Egesdahl A&P35158561A

10/31/24 Tech: 2318.1

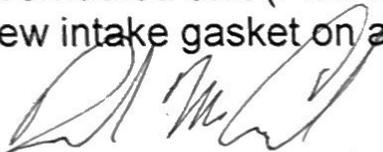
Installed new voltage regulator R15V00, S/N: D14121. Installed new master/ALT switch. Install NOS switch on Nav light and strobes.

Steve Mcleod A&P 3370601

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/7/25	Tach: 2326.0	Drained oil and serviced with XC 20w-50 and Camguard. Installed new 48110-2 oil filter. Removed spark plugs, cleaned, inspected, rotated, and reinstalled. Steve Mcleod A&P 3370601 
7/28/2025		Performed 500 hour inspection on magneto PN 4371, SN 08063370 per Champion Aerospace manual L1363J. Replaced contact points, capacitor, carbon brush, impulse spring, rotor gear, and cotter pin with new. Replaced copper electrode distributor gear with monel electrode gear per SB1-15C. Lubricated oilite bushing. Tested and returned to customer for install.   Mark Mercer, A&P 3046245

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N4515L	08/01/2025	Tachometer time: 2365.3 Total time: 2365.3 TSMOH:499.9
<p>Performed engine inspection. Changed oil using seven quarts of AS 15W50 and filter P/N: AA48110-2; inspected filter media and oil suction screen with no debris found. Compression of the cylinders: 1-75 2-75 3-70 4-75. Cleaned, inspected, rotated, and reinstalled spark plugs. Removed right hand magneto for 500 hour inspection; see Shrike Aero log book entry dated 07-28-2025 for 500 hour inspection. Installed and timed right hand magneto after 500 hour inspection. Removed carburetor and installed overhauled unit (P/N:10-5219 S/N: MS1D5605). Tightened all cylinder drain back couplings. Installed new intake gasket on all cylinders.</p>		
<p> David M. Black A&amp;P/IA 3684300</p>		
<p style="text-align: center;">11/17</p>		
12/30/2025	Tach: 2377.6	
<p>Drained oil and serviced with XC 20W-50. Installed new AA48110-2 oil filter.</p>		
<p>Cleaned, inspected, rotated, and installed spark plugs.</p>		
<p>Steve Mcleod A&amp;P 3370601 </p>		