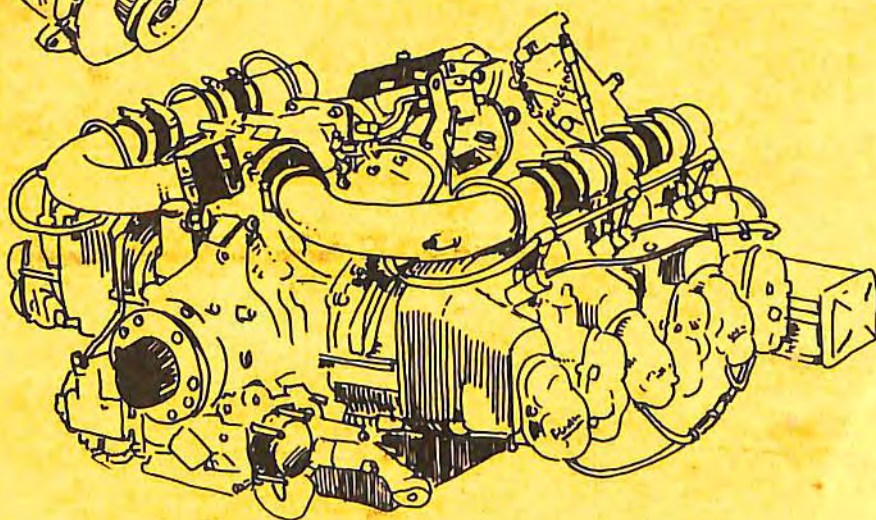
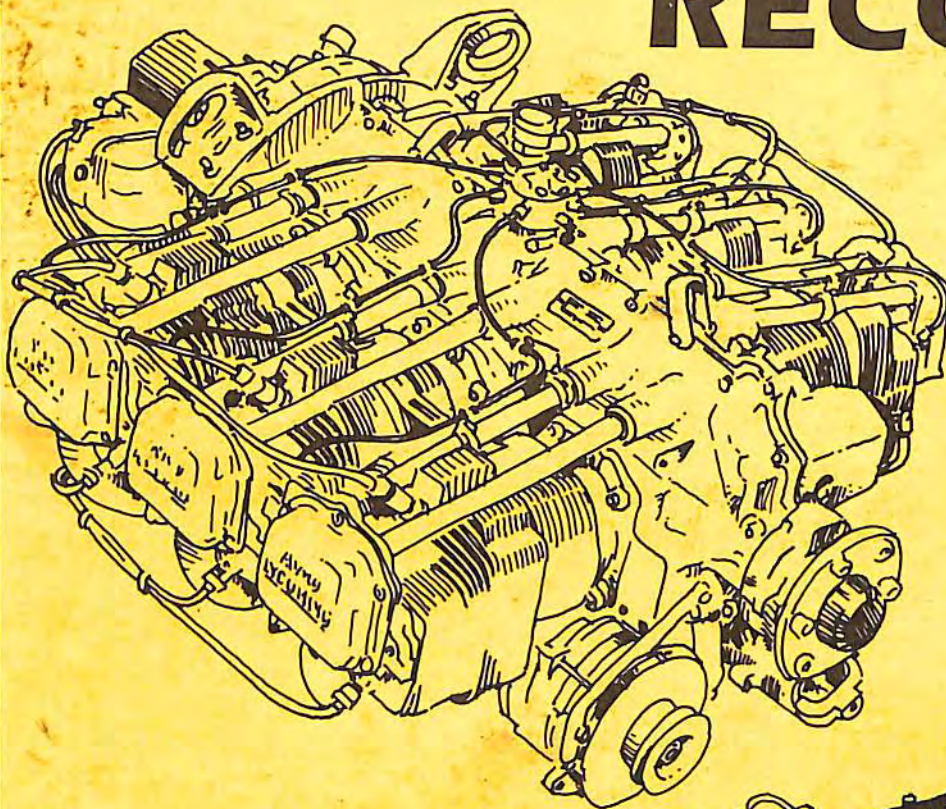




# ENGINE MAINTENANCE RECORDS



**1-800 624-6680**

(In NY 516-298-8330)

**MATTITUCK AVIATION CORPORATION**  
410 AIRWAY DRIVE, MATTITUCK, NY 11952

The subject aircraft was involved in an incident /  
accident on 3/7/2026 rendering it a Constructive Total  
Loss as not repairable within its insured value. For  
further details refer to insurance claim: 2942286301US

Signed: *Underwriters Salvage Company*

Date: **4/27/2026**

AIG Aerospace Adjustment Services Inc  
3500 Lenox Road, Suite 1100

Page No. Engine - page 1 of 1

FOSTER

Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

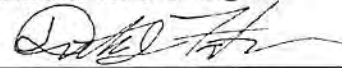
**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **April 25, 2025**  
 Hobbs: 883.7 TACH: 6099.9 SMOH: 3084.53

Performed the following:

- Drained oil, removed/cleaned/inspected filter. Nothing appreciable found. Installed oil filter and safetied. Added 5qts of Phillips 20w-50.
- Adjusted idle to achieve 600-700rpm.

Ran aircraft and performed satisfactory leak check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_447.

Dustin Foster IA 3556892 

wo: WO\_449 Engine - page 1 of 1

FOSTER

Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **May 08, 2025**  
 Hobbs: 903.5 TACH: 6116.4 SMOH: 3101.03

Removed cowling and spinner and performed Annual/100hr Inspection of Engine and Propeller in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D.

Performed or supervised the following:

- Compressions: 78/80/71/80
- Removed/cleaned/inspected/gapped/rotated and reinstalled spark plugs w/ new gaskets
- Serviced fuel system by draining of carb bowl.
- CW Brackett ICA by inspection/replacement of BA-6108 Filter Assembly
- Checked magneto timing.
- Adjusted idle and mixture to achieve 40rpm rise at 650RPM.
- Blended erosion in propeller and treated w/ etch/alodine.
- Reinstalled spinner and cowling.


Performed Satisfactory ops and leak checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

All ADs complied w/ to this date.

I certify this Engine & Propeller have been inspected IAW an Annual Inspection and have been determined to be in an Airworthy Condition at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_449.

Dustin Foster IA 3556892 

wo: WO\_475 Engine - page 1 of 1

FOSTER

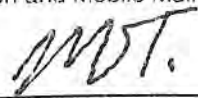
Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **June 20, 2025**  
 Hobbs: 943.7 TACH: 6148.2 SMOH: 3132.83

Performed or supervised the following:

Ran aircraft, drained oil, removed/cleaned/inspected filter, added 5qts of oil. Reinstalled filter/torqued/safetied. Ran aircraft and performed satisfactory leak check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_475.

Mae Tilton A&P 4806506 

SUB-TOTALS this page

TOTALS—Carry forward to next page

wo: WO\_514 Engine - page 1 of 1

FOSTER

Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **September 15, 2025**  
 Hobbs: 1011.5 TACH: 6200.9 SMOH: 3185.43

Performed the following:

Removed aircraft cowling

- Drained engine oil. Removed challenger oil filter, cleaned and inspected filter. Reinstalled Challenger oil filter, torqued and safetied. Serviced engine with five quarts of Phillips 20w-50.
- Removed and replaced fuel line from engine driven fuel pump to electric fuel pump.

Reinstalled aircraft cowling

Performed satisfactory leak and ops checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC43.13-1B Standard Practices.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_514.

9/15/2025 - 3115699 IA  
 Ruth McCallister

wo: WO\_530 Engine - page 1 of 1

FOSTER

Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **October 10, 2025**  
 Hobbs: 1029.4 TACH: 6215.6 SMOH: 3200.23

Removed cowling and spinner and performed Annual/100hr Inspection of Engine and Propeller in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D.

Performed or supervised the following:

- Compressions: 75/71/60/71
- Removed/cleaned/inspected/gapped/rotated and reinstalled spark plugs w/ new gaskets. Installed two new UREM37BY Plugs.
- Serviced fuel system by draining of carb bowl.
- CW Brackett ICA by inspection/replacement of BA-6108 Filter Assembly
- Checked magneto timing.
- Blended erosion in propeller and treated w/ etch/alodine.
- Reinstalled spinner and cowling.

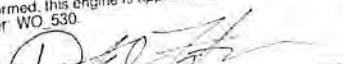
Performed Satisfactory ops and leak checks

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

All ADs complied w/ to this date.

I certify this Engine & Propeller have been inspected IAW an Annual Inspection and have been determined to be in an Airworthy Condition at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_530.

Dustin Foster IA 3556892 

wo: WO\_572 Engine - page 1 of 1

FOSTER

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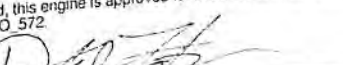
**N3860B** **LYCOMING, 0-235 SERIES, S/N: L-13945-15** **December 12, 2025**  
 Hobbs: 1071.6 TACH: 6248.0 SMOH: 3232.63

Performed the following:

Removed engine cowling and drained engine oil. Removed challenger oil filter, cleaned and inspected filter. Reinstalled Challenger oil filter torqued and safetied. Serviced engine with five quarts of Phillips 20w-50. Reinstalled top-cowling.

Performed satisfactory leak check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_572.

Dustin Foster IA 3556892 

SUB-TOTALS this page

TOTALS—Carry forward to next page



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**N3860B**

Hobbs: 903.5

**LYCOMING, 0-235 SERIES, S/N: L-13945-15**

TACH: 6116.4

SMOH: 3101.03

**June 09, 2025**

R&R top plug in cylinder two w/ new UREM37BY.

06/06/25.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_469.

Dustin Foster IA 3556892 \_\_\_\_\_



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 March 19, 2024  
Hobbs: 513.7 TACH: 5879.04 SMOH: 2807.14

PERFORMING WORK

Performed the following:

Drained oil, removed filter, cut and inspected oil filter, no metal shavings found. Installed and safetied new Challenger oil filter CP48110C in reference to Installation Instructions STC No. SE02352CH. Serviced with 7 qts of Phillips 20w-50. Performed satisfactory ops check.

INSTALLATION INSTRUCTIONS STC No. SE02352CH #1124 REVISION C DATED 11/28/2023.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_199.

Jared Marshall Powerplant 4287010



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 June 04, 2024  
Hobbs: 600.8 TACH: 5929.41 SMOH: 2857.51

Performed the following:

Ran aircraft, drained oil, removed/cleaned/inspected Challenger filter (nothing appreciable found); reinstalled. Added 5 qts Phillips 20w-50. Performed satisfactory ops/leak check.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_255.

Dustin Foster IA 3556892



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B 615.9** LYCOMING, 0-235 SERIES, S/N: L-13945-15 June 28, 2024  
Hobbs: ~~600.8~~ TACH: ~~5929.41~~ SMOH: ~~2857.51~~ <sup>5940.58</sup> <sup>2925.21</sup>

Removed cowling and performed Engine 100 HR Inspection in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D.

Performed or supervised the following:

- Shortened mixture cable length until it hit the carburetor stop.
- Checked rocker arm clearances, no adjustments needed
- Compressions: 76/75/80/80

Cleaned and/or Serviced the following

- Cleaned, inspected, rotated, and reinstalled spark plugs w/ new gaskets.
- Serviced fuel system (gascolator, carb bowl, electric fuel pump, and fuel inlet screen)
- Cleaned engine to allow for monitoring of possible oil leaks.
- Cleaned engine to allow for monitoring of possible leaks.
- Cleaned plant debris from baffling.

Performed satisfactory run up and leak check.

No ADs due at this time.

I certify that this Engine has been Inspected in Accordance with a 100 hour Inspection and is Airworthy at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_269.

Katie Osterman A&P 4905288



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 October 01, 2024  
Hobbs: 663.0 TACH: 5920.0 SMOH: 2804.63

Performed or supervised the following:

- Ran aircraft, drained oil, removed/cleaned/inspected challenger filter. Nothing to note. Reinstalled and torqued. Added 6 quarts of Phillips 20w-50

Performed satisfactory run up and leak check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_310.

Dustin Foster IA 3556892



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 February 14, 2025  
Hobbs: 776.4 TACH: 6012.5 SMOH: 2997.13

Removed cowling and spinner and performed Annual Inspection of Engine and Propeller in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D.

Performed or supervised the following:

- Compressions 79/70/70/78
- Safetied oil temp sensor correctly.
- Adjusted tension on alternator belt.
- Timed LH magneto to 20°.
- Removed safety on alternator bolt in order to adjust alternator belt tension. Resafetied after adjusting belt tension.
- R&R all engine mount bushings and torqued. Installed (8) P/N J-3608-1 - Lord Engine mount Bushing.
- Blended erosion in propeller and treated w/ etch/alodine.

Serviced and/or cleaned the following:

- CW Brackett air filter ICA by inspection and replacement of element w/ PN BA-6108.
- Removed cleaned, inspected, rotated, and reinstalled spark plugs. Replaced one spark plug w/ a new Champion REM37BY.
- Lubricated controls as necessary.
- Cleaned/inspected fuel system screens and carb bowl
- Removed, cleaned, and reinstalled all cylinder primer fittings.

Performed Satisfactory ops and leak checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

All ADs complied w/ to this date.

I certify this Engine & Propeller have been inspected IAW an Annual Inspection and have been determined to be in an Airworthy Condition at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_386.

Dustin Foster IA 3556892



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

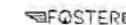
**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 December 21, 2024  
Hobbs: 732.0 TACH: 5974.0 SMOH: 2958.63

Performed the following:

Removed engine cowling, drained engine oil, removed challenger oil filter and cleaned/ inspected filter. reinstalled filter, applied safety tie to filter, and added 5qts of 20w-50 engine oil. Runup and leak check good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_370.

Jared Marshall Powerplant 4287010



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 March 11, 2025  
Hobbs: 819.6 TACH: 6047.9 SMOH: 3032.53

Removed engine cowling, drained engine oil, removed challenger oil filter and cleaned/ inspected filter. reinstalled filter, applied safety tie to filter, and added 5qts of 20w-50 engine oil. Ran up and leak check good. Installed (5) P/N Phillips X/C 20W-50 - Aviation Oil.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_408.

Jared Marshall Powerplant 4287010



Foster Aviation and Mobile Maintenance - 5398 CV Jackson Rd - Dublin, VA 24084 - 540-307-1478

**N3860B** LYCOMING, 0-235 SERIES, S/N: L-13945-15 March 20, 2025  
Hobbs: 833.4 TACH: 6059.6 SMOH: 3044.23

R&R cylinder 1 due to burnt exhaust valve and mushroomed pushrod. Installed repaired cylinder PN 16A26616 SN 188301. Installed 8 new steel pushrods PN 15F22200 and set valve clearances per SB1068A Supp 1. Ran aircraft and re-checked valve clearances. Ops/leak check good.

Unless otherwise noted, all work was completed in ref to the Lycoming Direct Drive Manual PN 60294-7 Rev Oct 2010.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_414.

Dustin Foster IA 3556892

RMED—  
PERFORMING WORK

OUT OF ORDER

Date: 12/03/2021 Hours: AC: 5763.81 Eng: 2691.91 SMOH

Tail#: N3860B

Make: Lycoming

Model: O-235-L2C

S/N: L-13945-15

Work Performed:

- Removed cylinder 1, S/N 22121 & installed new cylinder assembly P/N 16A23033, S/N 74914-1/A2060810, set valve lash and performed satisfactory ground run & leak check IAW Lycoming Direct Drive Engine Overhaul Manual P/N 60294-7 section 6.
- Installed new 1" scat tubing baffle to alternator.
- Installed anti-chafe baffle material on breather tube & moved breather tube away from engine.

Work completed IAW Beechcraft Skipper 77 Maintenance Manual dated Nov. 20/87 chapter 20-00-00.

Name: Seth Isaacson

Cert: 4047455

Co: Foster Aviation & Mobile Maintenance

Sign: 

Date: 12/03/2021 Hours: TTE: 5763.81 SMOH: 2691.91 AFTT: 5763.81

Tail#: N3860B

Make: Lycoming

Model: O-235-L2C

S/N: L-13945-15

Inspected engine & propeller in reference to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR 43 App D. Compressions all in the 70s except #1. See previous entry for cylinder R&R. Removed cleaned, inspected, rotated, & reinstalled all spark plugs w/ new gaskets. Removed/cleaned fuel pump filter and drained carb bowl. CW Brackett ICA by replacement of BA-6108 air filter. All ADs complied with to this date.

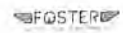
I certify this engine & propeller have been inspected IAW an Annual Inspection and have been determined to be in an airworthy condition.

Name: Dustin Foster

Cert: 3556892 IA

Co: Foster Aviation & Mobile Maintenance

Sign: 

 Foster Aviation and Mobile Maintenance  
5398 CV Jackson Rd  
Dublin VA 24084  
5403071478

Make: Lycoming

Model: O-235-L2C

Tail: N3860B

S/N: L-13945-15

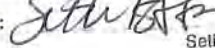
Hours: ESMOH: 2704.85 TT: 5776.75 Hobbs: 401.2

Removed cowl and performed the following:

- Removed old air filter box inlet seal and installed new silicone seal material.
- R&R cyl. 1 through 4 oil return lines with new P/N SLSTD2180.
- Adjusted alternator belt tension to within limits.
- Checked valve tappet clearance on all cylinders and adjusted clearance on cyl. 1.
- R&R two 6" lengths of old crank breather hose with new hose.
- Removed cyl. 2 & 4 oil return line elbows and applied sealant to threads and reinstalled.

Performed Satisfactory ops and leak checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987, Lycoming Direct Drive Engine Overhaul Manual P/N 60294-7, and AC43.13-1B Standard Practices.

Signed:   
Name: Seth Isaacson


Cert: 4047455 A&P

Date: 01/12/2023

WORK PERFORMED—  
NO. OF PERSON PERFORMING WORK

ous page

DATE

 Foster Aviation and Mobile Maintenance  
5398 CV Jackson Rd  
Dublin VA 24084  
5403071478

Make: Lycoming  
Model: O-235-L2C  
Tail: N3860B  
S/N: L-13945-15

Page No.

ING WORK

Hours: ESMOH: 2704.85 PTT: 5776.75 AFTT: 5776.75 TT: 5776.75 Hobbs: 401.2

Removed cowl and performed Annual Inspection of Engine and Propeller in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D along with the following:

- Compressions 80/75/70/79
- Checked magneto timing and adjusted LH mag to 20°.
- Removed cleaned, inspected, rotated, & reinstalled all spark plugs w/ new gaskets.

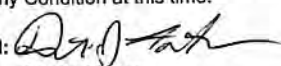
Supervised the following  
- Servicing of fuel system screens and carb bowl  
- Cleaning of engine  
- Replacement of Brackett Air Filter PN BA-6108

Performed Satisfactory ops and leak checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

All ADs complied w/ to this date.

I certify this Engine & Propeller have been inspected IAW an Annual Inspection and have been determined to be in an Airworthy Condition at this time.


Signed:   
Name: Dustin Foster

Cert: 3556892 IA

Date: 01/12/2023

wo: WO\_123

Engine - page 1 of 1

 Foster Aviation and Mobile Maintenance · 5398 CV Jackson Rd · Dublin, VA 24084 · 540-307-1478

N3860B  
Hobbs: 489.0

LYCOMING, O-235 SERIES, S/N: L-13945-15  
TACH: 5844.2 SMOH: 2772.3

December 07, 2023

Performed the following:

Removed exhaust and shipped to Planexhaust Corp for rebuild. Reinstalled rebuilt exhaust assembly and shroud using new risers, clamps (PN 0750161-25) and all hardware. Installed EGT probe in cyl 4 riser. Installed w/ new RA77611 exhaust gaskets and torqued.


Performed satisfactory run-up and leak check.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

Dustin Foster IA 3556892

wo: WO\_145

Engine - page 1 of 1

 Foster Aviation and Mobile Maintenance · 5398 CV Jackson Rd · Dublin, VA 24084 · 540-307-1478

N3860B  
Hobbs: 492.3

LYCOMING, O-235 SERIES, S/N: L-13945-15  
TACH: 5846.23 SMOH: 2774.33

January 29, 2024

Removed cowl and performed Annual Inspection of Engine and Propeller in ref to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR App D.

Performed or supervised the following:

- Compressions 75/75/77/77
- Removed Exhaust. Performed oil control ring flush in reference to Savvy Oil Control Ring Solvent Flush procedures. Reinstalled exhaust.
- Removed oil sump strainer, replaced with new copper gasket PN MS35769. Reinstalled, torqued, and safetied.

Serviced and/or cleaned the following:

- Removed old air filter, cleaned housing, installed new air filter PN BA-6108.
- Removed cleaned, inspected, rotated, & reinstalled all spark plugs w/ new gaskets.
- Adjusted valve tappets on all cylinders to ensure they are within spec. Torqued all hardware and reinstalled valve covers.
- Lubricated controls as necessary.
- Cleaned around crankshaft seal for monitoring.
- Cleaned and tightened oil return lines.
- Cleaned base of oil fill tube for monitoring.
- Cleaned/inspected fuel system screens and carb bowl

Performed Satisfactory ops and leak checks.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

All ADs complied w/ to this date.

I certify this Engine & Propeller have been inspected IAW an Annual Inspection and have been determined to be in an Airworthy Condition at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_145.

Dustin Foster IA 3556892



Foster Aviation and Mobile Maintenance · 5398 CV Jackson Rd · Dublin, VA 24084 · 540-307-1478

**N3860B**

Hobbs: 466.4

**LYCOMING, 0-235 SERIES, S/N: L-13945-15**

TACH: 5827.28

SMOH: 2755.38

**August 15, 2023**

Ran aircraft, drained oil, removed/cut/inspected filter (nothing appreciable found). Installed new CH48110-1 filter. Added 5 qts Philips 20w-50. Performed satisfactory ops/leak check.

All Work completed in ref to applicable sections of the Beechcraft Skipper 77 Maintenance Manual dated Nov 20, 1987 and AC 43.13-1B Standard Practices.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Foster Aviation and Mobile Maintenance under work order: WO\_73.

Dustin Foster IA 3556892

A handwritten signature in blue ink, appearing to read "Dustin Foster", written over a horizontal line.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	---------------------------	------------------------------	---



N3860B TACH: 5471.2  
 Model: BE-77 Skipper Date: 6-9-2018  
 S/N: WA-273

Complied with 50 hour oil change. Cylinder compression checks: #1-64, #2-71, #3-64 #4-72 all over 80 psi. Oil sample taken and sent to lab for report. Serviced engine with 6 quarts Phillips 20W50 oil. Installed new oil filter P/N CH48110-1. Removed, serviced, rotated and re-installed all spark plugs. Work done in accordance with BE-77 Maintenance Manual and Lycoming SSP1776. No leaks after a satisfactory engine run.

James Mashburn Jr. #3398188 A&P

*James Mashburn*



N3860B BE-77 S/N: WA-273  
 Total time: 5522 Date: 8-1-2018  
 Total SMOH: 2450.1 Tach: 5522

Complied with 50 hour oil change. Performed compression Check on Cylinders: #1-64 #2-70 #3-66 #4-77 all over 80 psi. Took oil sample for lab analysis. Serviced engine with 6 quarts Phillips 20W50 X/C oil. Removed, gapped, serviced and tested all spark plugs. Complied with Lycoming SB Check valve clearance. Performed engine ground run, no leaks. I certify this engine has been inspected in accordance with 100 hour inspection and found to be in an airworthy condition. Approved for return to service in accordance with FAR 43.9 and 43.11.

James Mashburn Jr. #3398188 A&P

*James Mashburn*

*Complied with 50 hour oil change  
 serviced with 6 quarts 20W50  
 Aeroshell, Approved For return to service  
 James Mashburn #3398188 A&P*

7-5-19	5647.84	2575.44	5647.84	REMOVED SPARK PLUGS DUE TO ROUGH RUNNING ENGINE. FOUND PLUGS SEVERELY LEAD FOULED AND WORN. REPLACED 8 PLUGS W/ REM37BY AND TORQUED TO 30FTLBS. DRAINED OIL, SENT FILTER OFF FOR SOAP. INSTALLED NEW FILTER AND ADDED 6 QTS PHILLIPS XL 20W50. SAFETIED FILTER, RAN UP, SATISFACTORY OPS/LEAK CHECK. REMOVED PROPELLER DUE TO LARGE KNICKS IN TIPS AND SENT TO H&H FOR SERVICING. ALL WORK DONE IN REF TO BEECH SERVICE MANUAL P/N 10B-590000-7A4 REV 11/20/07
				<i>END</i> <i>Dustin Foster #3556892</i>

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

REG: N3860B--MODEL: Lycoming O-235-L2C-- S/N: L13945-15  
 ACTT: 5656.09—Engine time SMOH: 2584.19—DATE: 09/17/2019

Accomplished engine and propeller Annual inspection IAW Beechcraft Model 77 service manual rev. Nov 20/87 and CFR 43 app. D.

Accomplished cylinder compression test. #1 65/80, #2 69/80, #3 65/80, #5 75/80. Removed, cleaned, gapped and reinstalled spark plugs. Found muffler cracked outside of shroud area, RT side. Replaced with owner supplied part. Leak check good. Continued...

Replaced fuel pump to engine fuel line, P/N #\_\_\_\_\_. Leak check good. Accomplished pre and post engine runs. All AD's PCW or N/A. See AD compliance sheet in aircraft records.

I certify that this engine and propeller have been inspected IAW an Annual inspection and is determined to be in airworthy condition.

*Robert Howell* A&P 2881965 IA  
 Robert Howell

*06/06/20 5703TTT*

*SEE AIRFRAME FOR FUEL PUMP REPLACEMENT.*

*Dustin Foster #3556892 IA*

Date: 09/21/2020 Hours: 5720.13 TT 2648.23 SMOH

Tail#: N3860B

Make: Lycoming

Model: O-235-L2C

S/N: L-13945-15

Inspected engine & propeller in reference to Chapter 5 of the Beechcraft Skipper Maintenance Manual Rev Nov 20, 1987 & 14 CFR 43 App D. Compressions 72, 76, 72, 76. Removed cleaned, inspected, rotated, & reinstalled all spark plugs w/ new gaskets. Removed & cleaned all engine fuel filters; drained carb bowl. Adjusted all valve clearances to 0.008". Adjusted mixture control to meet ICO stop. CW Brackett ICA by replacement of air filter. Dressed propeller leading edges to clean up erosion. All ADs complied with to this date. I certify this engine & propeller have been inspected IAW an Annual Inspection and have been determined to be in an airworthy condition. -----END-----

Name: Dustin Foster

Co: Foster Aviation & Mobile Maint

Cert: 3556892 IA

Sign: *Dustin Foster*

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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N3860B S/N WA-273 September 18, 2009 Tachometer 5285:00  
SMOH 2176:00

Performed annual inspection. Changed oil and filter with Shell 15w50wt oil and filter Ch48110. Cut open filter no metal. Took Shell oil sample. Checked oil sump screen clean. Checked rocker arm clearances all four cylinders. C/W FAR 91.107 (d) ELT operation and inspection. ELT battery PN BP 1030 expires 12/2011. C/W AD 76-07-12 Bendix ignition switch by operation. Installed new carb heat cable rigged and checked normal operation. Installed new Brackett air induction filter. Installed new RH brake line from fuselage to caliper. Lub's all hinges and control cables. Repaired cabin heat flapper valve to achieve complete closure. IA 352304249 C. Linenfelser

*ew*  
I certify that this aircraft, engine has been inspected in accordance with a 100 hr. insp. and was found to be in an airworthy condition date 9-19-2009  
name [Signature]  
certificate no. AP352304249IA Tach hrs. 5285:40  
SMOH hrs. 2176:00 SMOH: 2221:00

N3860B S/N WA-273 September 15, 2010 Tachometer 5318:00 SMOH 2246:00

Performed annual inspection. Changed oil and filter with Shell 15w50wt oil and filter Ch48110. Cut open filter no metal. Took Shell oil sample. Checked oil sump screen clean. Checked rocker arm clearances all four cylinders. Reposition throttle lever to attain full throttle stop. Cleaned and gapped all spark plugs installed with newly reconditioned copper gaskets. Removed shimmy dampener and installed new o-rings and serviced with mil-h-5606 fluid and reinstalled. Replaced all hardware on tail inspection plate with An3 bolts. Removed servo trim cams and cleaned and painted and reinstalled and safety. Removed broken LH wing tie down fitting nut plate and installed new nut plate with aluminum tie down anchor point. Installed newly fabricated fuel placards on top of wing near fuel port openings. Adjusted aileron cable tension to 30 pounds. Removed ELT antenna preamp from rear aft floor. Opened LH wing under wing fuel access panel and removed outlet fuel block and resealed with proseal. Resealed panel cover with sealant. C/W FAR 91.107 (d) ELT operation and inspection. ELT battery PN BP 1030 expires 12/2011. C/W AD 76-07-12 Bendix ignition switch by operation. Installed new Brackett air induction filter. Lub's all hinges and control cables. IA 352304249 C. Linenfelser

I certify that this aircraft, engine has been inspected in accordance with a 100 hr. insp. and was found to be in an airworthy condition date 9-15-2010  
name [Signature]  
certificate no. AP352304249IA Tach hrs. 5318:00  
SMOH hrs. 2246:00 SMOH: 2254:00

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

6-27-2017 Tach 5322.13, TAT 5322.13, Hobbs 107.4, SMOH 2250.13  
DRAINED OIL, Installed new 48110 FILTER, SAFETY DRAIN, Installed 6ets  
Aeroshell 15w50wt oil, Installed overhauled carburetor #MA-3PA  
#10-5220, S#MSD 83605. IAW Lycoming Direct Drive overhaul  
MANUAL. Lubed all controls checked Fuel Pump screen - Reinstalled & safety  
checked, ops ok Fuel system - normal. Compression 73, 71, 73, 72 checked  
& gapped plugs. - operational Run-up satisfactory  
END. [Signature]

6-27-2017 Tach 5322.13, SMOH 2250.13, TTE 6215.13 I certify  
that this engine has been inspected in accordance with a  
100 hour inspection and was determined to be in airworthy  
condition - END - [Signature]

**Avion** FLIGHT TRAINING LLC. Make: Beechcraft  
Model: BE-77  
N3860B- Engine Log Entry Tach: 5334.8  
Date: 8-07-2017  
Removed LH magneto Model 4727, S/N: 90100003 for faulty ignition. While troubleshooting found condenser to have a broken wire terminal. Installed new condenser P/N: M-3183 to magneto and bench checked good. Installed magneto to engine. Work done IAW Lycoming OH manual and Slick Service manual. Operational check good, no leaks  
[Signature]  
James Mashburn Jr. A&P #3398188

**Avion** FLIGHT TRAINING LLC. Make: Beechcraft N3860B- Engine Log Entry  
Model: BE-77  
Tach: 5371.55  
Date: 11-01-2017  
Complied with 50 hour oil change. Drained oil, removed oil filter and cut open, no defects noted. Installed new Oil Filter P/N: CH480110 and serviced with 6 quarts Phillips 20W50 oil. Removed, serviced, inspected, and re-installed all 8 spark plugs, no defects found on inspection. Cylinder Compression test: #1-66, #2-72, #3-70, #4-69 all over 80 psi. All work done IAW BE-77 MM and Lycoming SSP1776. Engine operational check good, no leaks.  
James Mashburn Jr. A&P #3398188 [Signature]

**Avion** FLIGHT TRAINING LLC. N3860B - Lycoming O-235-L2C S/N: L-13945-15  
Total time SMOH: 2350.1 TACH: 5422.1  
Date: 1-31-2018  
Complied with annual inspection. Drained oil and took analysis sample. Removed oil filter and cut open, no defects found. Installed new filter P/N: CH48110 and serviced with 6 quarts of Phillips 20W50 oil. Removed, serviced, and gapped all spark plugs, removed and replaced 4 spark plugs with new P/N: UREM3&BY. Installed new Rocker box cover gaskets P/N: RG-75906. Cylinder compression tests: #1- 64, #2- 72, #3- 66, #4- 68 all over 80 psi. Engine ground run check good, no leaks. Work done in accordance with BE-77 Service manual and Lycoming OM. I certify this aircraft, engine has been inspected in accordance with an 100 hour / annual inspection and is found to be in an airworthy condition. Approved for return to service.  
James Mashburn Jr. #3398188 IA [Signature]

s page  
forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
6-26-96		5009.11		Installed 8 new REM 37 BX plugs - changed oil + filter - serviced battery Run up good
8-13-96		5056.4		Oil change 6 qts 15W 50 Aeroshell - CH48110 filter Approved
	hobbs	6382.2		
11-16-96		5152.3		OIL CHANGED REPLACED OIL FILTER CH48110. SERVICED WITH 6 qt Aeroshell 15W50. REPLACED CONTACT POINTS AND DISTRIBUTOR BLOCK ASSYS BOTH MAGS. APPROVED FOR RETURN TO SERVICE. <i>[Signature]</i> AP425723740
<p>N3860B 12-3-96 TACH 5177:53                  INSTALLED SERVICEABLE MIXTURE CONTROL CABLE &amp; RIGGED. REINSTALLED LEFT MAGNETO WITH NEW GASKET-TIMED TO ENGINE 20° BTC. MAGNETO HAS SERVICEABLE COIL. (NEW POINTS + DIST GEAR INSTALLED BY NATAN OSTERMAN)                  RUN UP NORMAL. IA 352304249  <i>[Signature]</i></p>				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

N3860B S/N WA-273 September 15, 2007 Tachometer 5235:00 SMOH 2171:00  
 Performed annual inspection. Sealed leaks in L&R fuel tanks using pro seal 1422B. Installed new drain valve in LH fuel tank. Removed all windows and replaced with new green tint L.P. Aero windows PN: LP-001GT, LP002GT (2) LP003GT & LP 004GT. Re-upholstered complete interior using fabrics & carpet supplied by Airtex. All materials used meet FAR 23.853 (a) Statement of compliance FAA form 8110-3 is attached to A/C records. Rebuilt nose strut with seals and replenished hydraulic fluid with Mil-H-5606. Replaced all landing gear tires and inner tubes. Replaced nose wheel bearing. Replaced all brake linings. Installed new 4313 landing light. Installed new strobe flash tubes L&R tips. Checked rocker arm clearances. Fabricated new fuel lines from fuel tanks to fuselage. All seat belts and shoulder harness webbing was replaced. Installed new L&R door seals. Removed original Beech air induction filter and installed Brackett Aero Filter assembly PN BA 2010 in accordance with STC SA71GL see FAA 337 dated 11/29/06. Installed overhauled carburetor PN 10-5220 SN DD1821 Model MA-3PA. C/W FAR 91.107 (d) ELT operation and inspection. CC/W AD 76-07-12 Bendix ignition switch by operation. C/W AD 91-23-01 dye penetrant inspection of nose fork next due @ 5735:00. IA 352304249 C. Linenfelser

I certify that this aircraft, engine and propeller are in accordance with a standard / 109 to which they are to be in an airworthy condition. 9-15-2007  
*[Signature]*  
 certificate no. AP352304249A Tech no. 5235:00  
 Total hrs 6136:00 SMOH 2171:00

N3860B S/N WA-273 September 18, 2008 Tachometer 5240:00 SMOH 2176:00  
 Performed annual inspection. Changed oil and filter with Shell 15w50wt oil and filter Ch48110. Cut open filter no metal. Checked oil sump screen clean. Installed engine sump heater to bottom of oil sump. Installed EGT gauge and EGT probe on number 4 exhaust riser. Checked rocker arm clearances all four cylinders. Replaced hobbs meter with new unit. Replaced hobbs meter press switch. C/W FAR 91.107 (d) ELT operation and inspection. C/W AD 76-07-12 Bendix ignition switch by operation. Note: AD 08-13-17 replacement of affected C/B toggle switches is due by Aug 6, 2009. A check of installed C/B toggle switches determined that all are affected by this AD IA 352304249 C. Linenfelser

I certify that this aircraft, engine and propeller are in accordance with a standard / 109 to which they are to be in an airworthy condition. 9-18-08  
*[Signature]*  
 certificate no. AP352304249A Tech no. 5240:00  
 Total hrs 6140:00 SMOH 2176:00  
 6141:00T

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
<del>_____</del>				
12-6-94	TACH	4552.0		REPLACED STARTER M24204 WITH EXCHANGE UNIT S/N 55000139. <sup>INSTALLED</sup> <del>REPA</del> REPAIRED MUFFLER WITH NEW HARDWARE. REPLACED CARBURETOR THROTTLE SHAFT. CHANGED OIL AND OIL FILTER. APPROVED FOR RETURN TO SERVICE <del>_____</del> AIP 475723740
4-1-95	5584.28	1619.28	4683.36	ANNUAL INSPECTION. DRAINED OIL INSTALLED NEW CH48110 FILTER, CHECKED OIL PICKUP SCREEN. SERVICED WITH 6qt AEROSHELL 15W-50. CLEANED, GAPPED + TESTED SPARKPLUGS. CHECKED AND ADJUSTED VALVE CLEARANCE. COMPRESSION CHECK 1) $\frac{64}{80}$ , 2) $\frac{74}{80}$ , 3) $\frac{74}{80}$ , 4) $\frac{70}{80}$ . CHECKED CRIMP ON VERVATHERM VALVE NUT. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. <del>_____</del> AIP 475723740

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
7-10-95				Installed complete set of spark plugs + torqued.
8/4/95				Changed oil and installed new landing light — <del>_____</del> AIP 475-72-5740
8-10-95		Hobbs 600.9		INSTALLED <sup>OUTSOURCED</sup> <del>REPAIRED</del> carb By Mike's A/C fuel <sup>metal</sup> ADJUSTED IDLE + mixture setting installed new gaskets. Runup normal OK for Return to Service <del>_____</del> AIP 382-30-4249 C. Kaufman
5-10-96	5857.89	1892.89	4956.99	ANNUAL INSPECTION COMPRESSION 1) /80 2) /80 3) /80 4) /80 DRAINED OIL, CLEANED SUCTION SCREEN. INSTALLED NEW CH48110 FILTER + SERVICED WITH 15W50 AEROSHELL. ADJUSTED VALVE CLEARANCE CLEANED, GAPPED + ROTATED PLUGS. APPROVED FOR RETURN TO SERVICE. <del>_____</del> AIP 475723740

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
4-9-92	<del>3659.6</del>	495.5	3659.6	ANNUAL INSPECTION - DRAINED OIL, COMPRESSION CHECK 1) $7\frac{1}{80}$ 2) $7\frac{1}{80}$ 3) $7\frac{3}{80}$ 4) $7\frac{1}{80}$ . REPLACED PLUGS, REPLACED STARTER RING GEAR, ADJUSTED VALVE CLEARANCE, ADJUSTED IDLE RPM AND MIXTURE. REPLACED <sup>OIL</sup> FILTER.  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE. <i>Nathan Ostermann</i> A&P 475723740 IA
1/30/93			3960.84	OIL Change + Filter RCZ CLEANED + CAPPED SPARK PLUGS, TIMED MAGS RUN-UP SATISFACTORY. APPROVED FOR RETURN TO SERVICE. <i>Nathan Ostermann</i> A&P 475723740
5-2-93		840.82	4004.92	ANNUAL INSPECTION - DRAINED OIL, COMPRESSION CHECK 1) $6\frac{3}{80}$ 2) $7\frac{1}{80}$ 3) $7\frac{1}{80}$ 4) $7\frac{1}{80}$ ADJUSTED VALVES CLEARANCE REPLACED ONE SPARK PLUG, REPLACED OIL FILTER + SERVICED WITH AEROSHELL 15W-50 OIL.  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. APPROVED FOR RETURN TO SERVICE. <i>Nathan Ostermann</i>
6-18-93			41094.63	Oil changed - serviced front. A&P 475723740 IA strof - cleaned plugs - stall norm
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7-12-93	4123.71			Removed VACUUM pump AND Rebuild with new kit Run up normal <i>Waf 357304249</i> <i>C. Lutz</i>
3-26-94		1161.06	4325.16	ANNUAL INSPECTION - COMPRESSION CHECKED 1) $7\frac{1}{80}$ , 2) $7\frac{1}{80}$ , 3) $7\frac{1}{80}$ , 4) $6\frac{8}{80}$ , DRAINED OIL, REPLACED OIL FILTER AND SERVICED WITH AEROSHELL 15W-50. ADJUSTED VALVE CLEARANCES, CLEANED, CAPPED AND REINSTALLED SPARK PLUGS.  I certify that this aircraft/engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy condition. <i>Nathan Ostermann</i> A&P 475723740 IA
9/15/94	<del>4463</del>		4463	oil change pump ok
11/15/94			4516	Replaced Alternator Pump ok annual. Ins. Return to Service <i>Nathan Ostermann</i> A&P 475723740 <i>Robert S. Zimmerman</i>
11/16/94			4516	Brand new alternator packed up - installed new alt <i>Waf</i>  INSPECTED INSTALLATION ABOVE <i>Nathan Ostermann</i> A&P 475723740
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

This is to certify that the engine described hereafter has been rebuilt to manufacturer's new parts limited by Mattituck Airbase Inc.

Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance, A description of these repairs is on file at this agency under:

JOB NO. 14782 DATED 15 Feb 91  
 MFG. Lycoming MODEL O-235-L2C  
 Serial No. L-13945-15 Time in svc. 3965 HRS  
Clw S.L. 87-003 Increasing T.B.O. To 2400 HRS.



**MATTITUCK AIRBASE INC.**  
 F.A.A. REPAIR STATION # QX2R125L  
 AIRWAY DRIVE, MATTITUCK, L.I., N.Y. 11952

*Mattituck P. Russell*  
 Authorized Signature

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: O-235-L2C SN. L-13945-15 DATE 15 FEB 91

L. MAG <u>4272</u> P/N <u>90100003</u>	PROPELLER <u>DNA</u>
R. MAG <u>4270</u> S/N <u>90100384</u>	PROP. GOV. _____
ALT./GEN. <u>ALV 8420RS</u> P/N <u>90490005</u>	TACH. GEN. _____
INJ./CARB. <u>10-5220</u> S/N <u>DDI 821</u>	TURBO CHARGER _____
FUEL PUMP <u>LW 15472</u>	WASTE GATE _____
STARTER <u>MZ 4204</u> S/N <u>4K000279</u>	CONTROLLER _____
VAC. PUMP <u>DNA</u>	CONTROLLER _____
HYD. PUMP <u>DNA</u>	REL. VALVE <u>DNA</u>

**MATTITUCK AIRBASE INC.**  
 F.A.A. Repair Sta. No. QX2R125L  
 W.O. No. 14782



*Mattituck P. Russell*  
 Authorized Signature

**Mattituck Airbase, Inc.**  
 Mattituck, New York 11952  
 FAA Repair Station QX2R125L  
**SERVICEABLE PARTS TAG**

W.O. NO. 14782 SER. NO. L-13945-15  
 OWNER M.A.B. PART NO. O-235-L2C  
 PART NAME ALL ENGINE  
 REMARKS ENGINE REBUILT AS  
PER MFG. SPECS. AND  
TEST CELL RUN  
 DATE 2-15-91 INSPECTOR *Mattituck P. Russell*

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				



Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012  
 REPAIR STATION #PIYR320K

N#: 3860B AC S/N: WA-273 DATE: 03/11/91 HOUR METER: 3064.1 AC TT: 3064.1  
 ENG S/N: L-13945-15 ENG TT: -- TS O/H: 0.0 TS HSI: --

Installed this engine on N#3860B, with new engine lord mounts and new oil and fuel hoses. Serviced engine with Aeroshell 50W mineral oil. Oil cooler was removed and flushed. Engine ran to check for leaks and performance. Installed new engine duct hoses. Installed new carburetor heat door bushings, top and bottom. --END--

APPROVED BY: *W. Gene Smith*  
 Inspector for Piedmont Aviation Services, Inc.  
 Roanoke, VA RS-PIYR320K  
 W.O.# 26921  
 Date 03/11/91 ACTT 3064.1

**PIEDMONT AVIATION SERVICES, INC.**  
 ROANOKE REGIONAL AIRPORT  
 ROANOKE, VIRGINIA 24012  
 REPAIR STATION PIYR320K

I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.  
 Date 3/11/91 By W. Gene Smith  
RS-PIYR320K Total Hours 3064.1  
 Pertinent details of the repair are on file at this repair station under order number RS-PIYR320K



Roanoke Regional Airport • 22 Waypoint Drive NW • Roanoke, VA 24012  
 REPAIR STATION #PIYR320K

N#: 3860B AC S/N: WA-273 DATE: 04/29/91 HOUR METER: 3134.7 AC TT: 3134.7  
 ENG S/N: L-13945-15 ENG TT: -- TS O/H: 70.6 TS HSI: --

Changed oil and filter. Serviced engine with Aeroshell 15W50 oil. Ran engine and checked for oil and fuel leaks - none noted at this time. --END--

APPROVED BY: *W. Gene Smith*  
 Inspector for Piedmont Aviation Services, Inc.  
 Roanoke, VA RS-PIYR320K  
 W.O.# 27070  
 Date 04/29/91 ACTT 3134.7

# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N3860B

Engine Manufacturer Lycom, Inc.

Model O-235 L2C

Serial No. L-13945-15

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) C/W S.L. 87-003  
2400 Hours

If used on multi-engine aircraft:

Right

Left

Front

Rear

DATE  
19  
L2C

13945

5280582

Book #2



# Engine Maintenance Log



### ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
11-17-89	TACH TIME 1491	TOTAL TIME 3716	TSIRAN 1313 PROP TOTAL TIME 3716 ANNUAL INSP. COMPLETED AT THIS TIME I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION D.P. Smith A&P 552273581A2
1-16-90	155	TACH	changed filter - installed 6 qts arrolhell 15-50 cleaned plugs - checked/service battery OK 17 no repairs A&P 545767051

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

### ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
1			DATE <u>4-16-90</u> TACH TIME <u>1515</u> TOTAL TIME <u>3820</u> TSIRAN 1417 I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DOUGLAS P. SMITH A&P 552273581 <u>D.P. Smith A1</u>  PROP OVERHAULED BY AMERICAN PROPELLER SEE YELLOW TAG A.D. 89-26-10 (BLADE CRACKS) CIW BY REWORK CHECKED COMPRESSION, TIMING, OIL FILTER - OK CLEANED & GAPPED PLUGS CHANGED OIL REPLACED AIR FILTER

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__	MARIN	AIR SERVICES	
	351	Airport Rd.	
		Novato, Ca. 94947	
I certify that this (aircraft) (engine) has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.			
Signed <u>Daniel Cookman</u>			
Signed <u>ATP 559964476</u>			
Tach Time <u>1456</u> Total Time <u>3625</u>			
W.O. No. <u>1719</u> Date <u>10-6-89</u>			
<u>Change oil with 6 QTS AVS 40-80</u>			
<u>Added oil additive LW-16702</u>			
<u>+ oil filter CH48110, Repaired</u>			
<u>#1 + #2 oil drain lines</u>			
<u>Daniel Cookman ATP 559964476</u>			

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19 <u>89</u>			
<u>11/17</u>			<u>changed oil - checked valve clearance - checked compression - well within limits - installed new air + oil filters - cleaned + gapped plugs - checked timing. installed overhauled muffler + rivets + clamp - done by Kustley Welding - see yellow tag.</u>
			<u>NK TT Thompson</u>
			<u>ATP 545767051</u>

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19			
<b>MARIN AIR SERVICES</b>			
351 Airport Rd. Novato, Ca. 94947			
I certify that this (aircraft) (engine) has been inspected in accordance with a <u>1025 hr</u> inspection and was determined to be in airworthy condition.			<b>MARIN AIR SERVICES</b> 351 Airport Rd. Novato, Ca. 94947
Signed <u>As B. B. B. #1063280</u>			I certify that this (aircraft) (engine) has been inspected in accordance with a <u>50 hr</u> inspection and was determined to be in airworthy condition.
Tach Time <u>1267</u> Total Time <u>3497</u>			Signed <u>[Signature] #1123101</u>
W.O. No. _____ Date <u>7-8-89</u>			Tach Time <u>1327</u> Total Time _____
			W.O. No. _____ Date <u>7/31/89</u>
			SA W/ Terner <u>Baron</u> AD <u>SAE 40W</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19			
<b>MARIN AIR SERVICES</b>			
351 Airport Rd. Novato, Ca. 94947			
I certify that this (aircraft) (engine) has been inspected in accordance with a <u>140 hr</u> inspection and was determined to be in airworthy condition.			<b>MARIN AIR SERVICES</b> 351 Airport Rd. Novato, Ca. 94947
Signed <u>David Cookman ATP 559964476</u>			I certify that this (aircraft) (engine) has been inspected in accordance with a <u>50 hr</u> inspection and was determined to be in airworthy condition.
Tach Time <u>1357</u> Total Time <u>3587</u>			Signed <u>David Cookman ATP 559-96-4476</u>
W.O. No. <u>1893</u> Date <u>Aug 17 89</u>			Tach Time <u>1418</u> Total Time <u>3678</u>
Change oil with 6 qts Texaco 40w + oil additive Lw-16702			W.O. No. _____ Date <u>9-13-89</u> No leaks
Installed new spark plug for Bottom #3 cyl.			<u>David Cookman</u> <u>ATP 559964476</u>
Run up check ok, no leaks			
David Cookman ATP 559964476			

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Comp. test #1-74/80 #2-76/80 #3-67/80 #4-75/80 David Cookman ATP 559964476

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		Change oil with 6 qts of At Texaco 40-80 #1) & change oil filter with new, Discard old filter found no metal, clean & gap bottom spark plugs & dressed & painted prop Runup check ok No leaks David Cookman ASP 559964426
I certify that this (aircraft) (engine) has been inspected in accordance with a _____ 50 hr _____ Inspection and was determined to be in airworthy condition. _____ Signed _____ ASP 559964426 Tach Time 1124 Total Time 3354 W.O. No. _____ Date 5-4-89			

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		CHANGED OIL & FILTER. SERVICED WITH TEXACO 40-80 & LW16702 ADDITIVE. CHECKED OLD FILTER FOR METAL (NO METAL - NONE FOUND) CLEAN GAPPED & ROTATED PLUGS. REPLACED ALTERNATOR BELT. REPLACED #2 ROCKER DRAIN TUBE. RUN UP LEAK CHECK OK
I certify that this (aircraft) (engine) has been inspected in accordance with a _____ 100 hr _____ Inspection and was determined to be in airworthy condition. _____ Signed _____ ASP 555277416 Tach Time 1167 Total Time 3397.3 1296 smolt W.O. No. _____ Date 5-23-89			
			MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947 6 QTS Texaco 40-80 SERVICED BOTTOM PLUGS
I certify that this (aircraft) (engine) has been inspected in accordance with a _____ 50 hr _____ Inspection and was determined to be in airworthy condition. _____ Signed _____ ASP 1123101 Tach Time 1820.49 Total Time 3450 W.O. No. _____ Date 6/15/89			

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		Change oil with 6 Qts of Texaco 40-80 w & change oil filter, Discet old filter found to be good, wash eng & cow! Runup 50 hr check OK No Leaks. David Cookman ADP 559964476
I certify that this (aircraft) (engine) has been inspected in accordance with a 50 hr check OK No Leaks. David Cookman and was determined to be in airworthy condition. Signed <u>David Cookman</u> ADP 559964476	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		
Tach Time <u>920</u>	Total Time <u>3150</u>	I certify that this (aircraft) (engine) has been inspected in accordance with a 100 hr Cofp. check! #1-70/yr Inspection and was determined to be in airworthy condition. <u>Secured with A/S 40W</u> <u>LW-16702</u> #2-44/yr #3-70/yr Signed <u>L. B. Rusch AD1065220</u> #4-72/yr	
W.O. No. <u>1049 SMDH</u>	Date <u>1-16-89</u>	Tach Time <u>968</u>	Total Time <u>3128</u> <u>2-16-89</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		Change oil with 6 Qts of Texaco 40-80 w & change oil filter, Discet old filter found no metal, added oil additive LW-16702, dressed & painted prop wash eng. & cow! Runup check OK No Leaks. David Cookman ADP 559964476
I certify that this (aircraft) (engine) has been inspected in accordance with a 50 hr check OK No Leaks. David Cookman and was determined to be in airworthy condition. Signed <u>David Cookman</u> ADP 559964476	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		
Tach Time <u>1024</u>	Total Time <u>3254</u>	I certify that this (aircraft) (engine) has been inspected in accordance with a 100 hr Annual Inspection and was determined to be in airworthy condition. Signed <u>L. B. Rusch AD1065280</u>	
W.O. No. <u>01150</u>	Date <u>3-21-89</u>	Tach Time <u>1065</u>	Total Time <u>3298</u> <u>4-17-89</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947
	I certify that this (aircraft) (engine) has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.		I certify that this ( <del>aircraft</del> ) (engine) has been inspected in accordance with a <u>50 hour</u> inspection and was determined to be in airworthy condition.
	Signed <u>L. B. Rusch ATP 1063280</u>		Signed <u>Jane Stephens</u>
	Tach Time <u>766</u>	Total Time <u>2996</u>	Tach Time <u>820</u> Total Time <u>3050</u>
	W.O. No. _____	Date <u>10-27-88</u>	W.O. No. _____ Date <u>11-21-88</u>
	Time S.M.O.H. <u>895 hrs</u>		<u>949 SMOH</u>
	Class <u>84-26-02</u> Replaced Air Filter Due to replacement @ Tach <u>126 hrs.</u>		<u>L. B. Rusch ATP 1063280</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE 19__	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		
	I certify that this (aircraft) (engine) has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.		Comp. test. #1 - $\frac{73}{80}$ #2 - $\frac{70}{80}$ , #3 - $\frac{72}{80}$ #4 - $\frac{74}{80}$ Clean & gap spark plugs, clean fuel & air screen, check mag timing to eng. - OK OK, Change oil with 6 qt Aeroshell 100 w & oil additive LW-16702 & change oil filter with CH48110, Discard old filter check out OK. Dressed & painted prop, clean
	Signed <u>David Cookman ATP 559964476</u>		
	Tach Time <u>0866</u>	Total Time <u>3096</u>	
	W.O. No. _____	Date <u>12-17-88</u>	
	Time S.M.O.H. <u>995 hrs</u>		
	No leaks. <u>David Cookman ATP 559964476</u>		

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947
	I certify that this <del>(engine)</del> (engine) has been inspected in accordance with a <u>100hr</u> <u>L.B.R.</u> inspection and was determined to be in airworthy condition.		I certify that this <del>(engine)</del> (engine) has been inspected in accordance with a <u>50hr</u> inspection and was determined to be in airworthy condition.
	Signed <u>Richard M. Schultz</u> AFA 555657124		Signed <u>Jane Stepha</u>
	Tach Time <u>56671</u>	Total Time <u>2797</u>	Tach Time <u>623</u> Total Time <u>2854</u>
	W.O. No. <u>925</u>	Date <u>8-11-88</u>	W.O. No. _____ Date <u>8-29-88</u>
	<u>lots of AeroShell 100W &amp; 16702</u> <u>additional 2 1/2 #2 7/8 #3 7/8 #4 7/8</u> <u>Camp #1 7/8</u>		

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947
	I certify that this <del>(engine)</del> (engine) has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.		I certify that this <del>(engine)</del> (engine) has been inspected in accordance with a <u>50 hr</u> inspection and was determined to be in airworthy condition.
	Signed <u>L. B. Rusch AFI1063210</u>		Signed <u>L. B. Rusch AFI1063210</u>
	Tach Time <u>666</u>	Total Time <u>2896</u>	Tach Time <u>715</u> Total Time <u>2945</u>
	W.O. No. _____	Date <u>9-16-88</u>	W.O. No. _____ Date <u>10-6-88</u>
	<u>Time since MOH 795 hr.</u> <u>Camp #1 7/8 #2 7/8 #3 69/8</u> <u>#4 7/8 H/S 100 W +</u> <u>LW 16702</u>		<u>Service with Tex 40AD</u> <u>LW 16702</u>

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE



## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947
I certify that this ( <del>aircraft</del> ) (engine) has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition.			I certify that this ( <del>aircraft</del> ) (engine) has been inspected in accordance with a <u>50HR</u> inspection and was determined to be in airworthy condition.
Signed <u>W.D. Rusch ATP 1063240</u>			Signed <u>Dave Stapleton 553987785 AP</u>
Tach Time <u>267</u> Total Time <u>2498</u>			Tach Time <u>324</u> Total Time <u>2555</u>
W.O. No. _____ Date <u>4-1-88</u>			W.O. No. <u>4624</u> Date <u>May 9-1988</u>
Time Smooth <u>397</u>			<u>452 SMOH</u>

Served with 6 qts Texaco 100 oil 1 qt w/ 702 OIL ADDITIVE new OIL FILTER cleaned plugs Repaired baffling rods under #42+4 Run up okay Dave Stapleton 553987785 AP Marin Air Service Novato ca

CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

## ENGINE MAINTENANCE LOG

DATE	ACCUMULATED TOTALS		Description of Inspection, Repair and Overhaul Enter here general data with reference to inspections, alterations and repairs and overhaul. ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
	Hours	10ths	
19__			
	MARIN AIR SERVICES 351 Airport Rd. Novato, Ca. 94947		
I certify that this (aircraft) (engine) has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.			Compression test #1 - $\frac{73}{80}$ #2 - $\frac{71}{80}$ #3 - $\frac{71}{80}$ #4 - $\frac{73}{80}$ Clean & gap plugs Change oil with 6 qts of Shell 500 w/ o.i. additive 2w-16702 Installed new oil filter Her CH48110 wash & clean cowling Run up OK. NO leaks. David Cookman ATP 557964476 C/W AD 84-26-07 Throttle linkage changed as per lesson SE 29-6. W.D. Rusch AD 1063240
Signed <u>David Cookman ATP 559964476</u>			
Tach Time <u>366</u> Total Time <u>2597</u>			
W.O. No. <u>672</u> Date <u>5-27-88</u>			

## AIRCRAFT AND ENGINE DESCRIPTION

Cessna	152	15280582	N25302
Aircraft Mfgr.	Model	Serial	Registration
Engine Mfgr.	Lycoming	Type 0-235-L2C	Model
			Serial No. L-13945-15
Rated H.P.		Maximum H.P.	Weight (Dry)
Rated R.P.M.		Maximum R.P.M.	Oil Pressure
Bore	Stroke	Displacement	Cu. In.
Owner's Name			
Address		City	State

### INSTRUCTIONS

- 1) All Engine Maintenance is to be recorded on the Log Sheets provided in this Log Book.
- 2) The column headed "Description of Inspection, Repair and Overhaul" is particularly important, for in this column all the details concerning the following are to be entered:
  - a) Line and Periodic Inspection, Alterations, Repair and Overhaul.
  - b) When repairs or alterations necessitate submission of FAA Form 337, an entry is to be made in this column and the original of the Form 337 stapled at the back of this manual.
  - c) All entries must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic.
- 3) If the engine is removed from the aircraft, this Engine Log Book is to be transferred with the removed engine.
- 4) Compliance with Service Letters and Airworthiness Directives applicable to the engine are to be recorded on the page at the back of this log. D5061-13

### ENGINE MAINTENANCE LOG

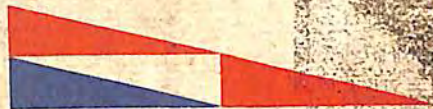
DATE	ACCUMULATED TOTALS	Description of Inspection, Repair and Overhaul
	Hours   10ths	Enter here general data with reference to inspections, alterations and repairs and overhaul ALL DATA must be endorsed with the name, rating and certificate number of either the FAA Repair Station or the mechanic
87		<p>9-11-87 Tach Time=178.6 Aircraft &amp; Engine Total Time=2408.9                      Engine TSMOH=307.6 I certify that this ENGINE has been inspected in accordance with a 100 HOUR inspection and was determined to be in an AIRWORTHY condition. Oil &amp; filter changed. Serviced with Aeroshell 100W. All spark plugs replaced with new REM-37BY. Differential cylinder compressions= 1-78, 2-77, 3-74, 4-76/80.                      ----- END ----- A. W. Williams <i>AW Williams</i>                      MARIN AIR SERVICES AP 558705474                      351 Airport Rd.</p>
		<p><i>Comp Test #1-74/80, #2-73/80, #3-72/80, #4-71/80 Timed max</i>  <i>100 hr to eng., clean &amp; gap plugs, serviced eng. with 6 qts of Aeroshell 100 w, oil additive, &amp; oil filter CH48110, Installed new air filter.</i>  <i>David Cookman AP 559964476 David Cookman AP 559964476</i></p>
	267   2498	
No. 526	Date 3-31-88	CARRY ACCUMULATED TOTALS FORWARD TO TOP OF NEXT PAGE

Book #1

Start: 10-11-77

End: 10-7-87

7661  
Cessna<sup>®</sup>



# ENGINE

## AND PROPELLER LOG

N 25302

SERIAL NO. L-13945-15



ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
7/18/86	TRAC TIME 22303.0			Changed oil and filter, checked filter, checked ok, changed spark and tested, oil plugs, checked compression, #1 7/8" #2 7/8" #3 7/8" #4 7/8" adjusted valves in accordance with incoming minor instructions 1068A, inspected and value power 1068A. Arrived with pins sheaf 50 w 69th. Valve check checked for leaks no leaks found at this time.		
				DATE 7/19/86 TOTAL TIME 22303.0		
				I CERTIFY THAT THIS ENGINE <del>WAS</del> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Manual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION		
				<u>George Mendenhall</u> GEORGE MENDENHALL A&P540467501 TA		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
February 2, 1987	tach: 72.34 T.T. 2302.64			Changed oil and Oil Filter. Replaced with Dow Shell 100505 Cleaned, capped, and rotated Spark Plugs as needed - Adjusted Valves as per upcoming SI 1388A and SI 1068A - Inspected all fluid lines - Cleaned Fuel Bowl - Inspected Engine mounts all check ok - Replaced Induction Air Filter as needed - Compression Check all Cylinders all check in 70's or above - Washed Engine and Cowling test run engine - Dash checked ok - all temps and pressures normal - Engine returned to service this date.		
				DATE 2/2/87 Tach. Time 72.34		7.7.2302.64
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition.		
				<u>George Mendenhall</u> SIGNED A&P55106851 SA		
				MAINTENANCE EXPRESS AIRCRAFT MAINTENANCE & PAINTING TRACY AIRPORT 5939 SOUTH TRACY BLVD. TRACY, CALIFORNIA 95376 TELEPHONE (209) 835-9067		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
Jan 28, 1986	TACH 2104.8			Engine majored on 1-13-86 & installed on 1-21-86 for 100WD Inspections. Aircraft this date Test of lawn & found satisfactory for return to service all applicable Aps through 86-02 d/w Clyde Smith 571408816 ATP FIA	Holmes 69453	
	Eng. TIT: 2104.8 hrs, T.S.O. 3.5 hrs.					
April 15, 1986	TACH 2125.6			Changed oil & air filter cleaned bottom plugs, filled with 50W weight avioshell A.D. oil as air consumption from overhaul stabilized. Ground run found satisfactory for return to service. Clyde Smith 571408816 ATP		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
5/22/86	TACH TIME 2152.5			Changed oil and filter, checked filter checked ok. Serviced check and edge 50W Uncompounded, 69ts, cleaned, gaged and tested. spark plugs. Ran engine checked for leaks, no leaks found. At Christine Burke Mendocello 54066750 IA		
5-23-86	TACH TIME 2153.5			REMOVED & REPLACED CRANKSHAFT ALL SEALS WITH FACTORY NEW PART. John C. Collins AEP1121439		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4-30-85				Total time 205.307 hr. 50 hr completed Changed oil & filter Serviced with AeroShell 50W/100 oil Cleaned & gaped plugs Washed engine, test run OK, this engine is OK for return to service - End - <i>Paul S. Kline</i> A#P 2694193		
10-28-85				Tach 2101.3 Removed engine for overhaul. Paul S. Kline A#P 571942173		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
13 Jan 86				I certify that this engine has received a major overhaul in accordance with the applicable Manufacturer's overhaul instructions and Federal Aviation Regulations. Pertinent details for the work accomplished and replace- ment parts used are on file at Cal-Avion, FAA Re- pair Station #404-10, under work order #5053. <i>(Hugh) Smith</i> A#P 568580859 End		
1-21-86				Tach 2101.3 Reinstalled engine after overhaul by Cal Avion. Replaced oil cooler hoses. Replaced engine Lord mounts. Installed new alternator drive belt. Repaired and replaced baffles as needed. Cleaned primer nozzles. Serviced with AeroShell Uncompounded oil <i>Paul S. Kline</i> A#P 571942173		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-7-82	Oil			Drain, Filter Replace Service 6 QTS Aeroshell 40W. Clean Lower Spray Pump Carville Propane Tach 1874 Del H. ATP 198936627		
12-13-82	Tach Time	1365.1		Cleaned & Regapped spark plugs, Torqued to 30 ft lbs. Mag Drop Amooth & OK Wayne Chish ATP 546902626		
May 20, 1983	Tach 1874.4 Hours			1/4 new spark plugs	B. D. Amy ATP 1583295	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
May 20, 1983	Tach time 1874.4			checked that this <del>engine</del> <sup>engine</sup> has been inspected in accordance with the annual inspection and was determined to be in currently condition Engine # fest H# 1244526 FA		
July 11, 1983	Tach time 1943.8			changed oil & filter. Cleaned and gapped spark plugs Cleaned primer nozzle, replaced 2 spark plugs, compression check made. Engine # fest H# 1244526 FA		
July 23, 1983	TACH 1949.4 Hours			REPLACED points and condenser and Dist Block IN L.H. MAGNETA	B. D. Amy ATP 1583295	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 JULY 27, 1982				OIL DRAIN, FILTER CHECKED & REPLACED, SERVICE OIL GETS ARNOSHELL 40W. TACH 1712 <i>[Signature]</i> A4819893667A		
AUG 3, 1982				REMOVE #1 CYLINDER DUE TO EXCESSIVE AMOUNT OF OIL ON BOTTOM SPARK PLUG. CYLINDER WAS HONED AND REINSTALLED WITH NEW PISTON RINGS, PISTON PIN PLUGS, SEALS & GASKETS. A/C WAS TEST FLOWN 1/2 HR AND FOUND AIRWORTHY TACH 1713 <i>[Signature]</i> A4819893667A		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 SEPT 15, 1982				ANNUAL INSPECTION: OIL DRAIN, FILTER REPLACE & CHECKED, SERVICE OIL GETS ARNOSHELL 50W. COND (V) #1 74/80, #2 72/80, #3 72/80, #4 74/80. CLEAN & GAP SPARK PLUGS. CHECK MAGNETO TIMING. REPLACE AIR CLEANER, REPLACE CARB HEAT CABLE WASH DOWN ENGINE. A.D. 81-18-042, DUE AT 2000HRS TT. 1775 TT ENGINE 435 TT RT MAG 423 TT LT MAG.		
				I CERTIFY THIS ENGINE, AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ADP11, 12 INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.		
				Tach Time 1775 <i>[Signature]</i> A4819893667A		
				AERO MAINTENANCE INC. 23157 N. Hwy. 99 Acampo, Ca. 95229 (909) 668-2743		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 3/3/82	Tach			Reeds 1566.1 100 hr. inspection performed this date. changed oil & filter, changed Alternator Belt. <sup>Temp sensor installed</sup> <sup>new</sup> <sup>oil filter</sup> cleaned & gapped plugs. Comp. 1- <sup>00</sup> / <sub>100</sub> 2- <sup>00</sup> / <sub>100</sub> 3- <sup>00</sup> / <sub>100</sub> 4- <sup>00</sup> / <sub>100</sub> I certify that this Engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition. Del H ACP 540-253994		
MAR 3, 1982				OIL Drain, FILTER REPLACE CLEAN lower SPARK PLUGS. TACH 1623 Del H ACP 19893667A		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 3/3/82				MUNE 4, 982 SERVICE 6 QTS AVIATION OIL. OIL DRAIN, FILTER REPLACE, COMP (V) #1 72/50, #2 72/50, #3 74/50, #4 72/50. CLEAN & GAP SPARK PLUGS. ADJUST MAGNETO TIMING. FOUND ALTERNATOR ATTACH BOLT LOOSE, ADJUST SAME. WASH DOWN ENGINE. 320 TT RIGHT MAG. 308 TT LEFT MAG 1060 TT ENGINE.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE





ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 81						
2-7-81	Tach	1724	15	Inspected Push Rods, checked clearance all OK O/N Adams AP 2171431		
3-5-81	TACH	1250	2	50 hr Inspection Drain oil remove & inspect oil filter Reservoir with fork of Aero shell 80 and new Filter install three new cheap spark plug in clyc 1 1/2" AD 80-25-100 R1- clyc by installing push rods with approved markings 85 and # valves set according to Specs. Rodney Brown AP 545095881		
MARCH 15 1981				REPAIRS ON REM 37BY SPARK PLUGS THIS DATE NOTE HIGH TENSION HARNESS WIRE TO BE REWOUND OWNERS NOTIFIED THAT 1727		
				AP 19593551A		
4/14/81	Tach	1313		New REM 37BY plugs installed on lower frame & upper spark plug cleaned & greased oil & filter changed		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				AVC Type C102 Date 4/14/81 Reg. No. 25302 Date Time in service 1313.0 I certify that this aircraft has been inspected in accordance with a 100 inspection and was determined to be in an airworthy condition. EDWARD H. ADAMS A.C.P. 2171431 O/N Adams		
15/14/81	Tach	1340	9	Installed R.H. Max Type 4250 See M 4 012 00608 O/N Adams AP 2171431		
6-1-81	Tach	1352	9	Installed R.H. Max Type 4252 See M 4 012 00608 O/N Adams AP 2171431		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
7-22-80	TACH 1062.5			CLEANED, 3 GAPPED LOWER PLUGS		
7-31-80	TACH 1082.4			CLEANED 3 GAPPED LOWER PLUGS		
27 Aug. 80	100 HR - Tach - 1101.2			Compression Check - Entered Rear Oil Log Mag. Timing OK 420 R/100 - Eng. Oil Changed 60tz. Pennacell N Grade 80 SAE 40 - New Oil Filter (CH 48110) Installed - Fuel Filter Bowl Jup. Filtered - Air Filter Element Cleaned - Muffler Nicks Dressed - Batt. Serviced - New Spark Plugs Installed (8 EA. X REM 3 BE) - Eng. Solvent Washed		

I certify that this Engine has been serviced & inspected in accordance with the Annual inspection as prescribed in the Factory Service Manual & determined to be in airworthy condition.

Dated 27 Aug 80 Total time 1101.2  
None

Dated 27 Aug 80 Total time 1101.2  
None

Dated 27 Aug 80 Total time 1101.2  
None

Dated 27 Aug 80 Total time 1101.2  
None

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

AR552382107

## ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-2-80		1156.3		50. hr. inspection Spark Plugs checked & changed Oil filter changed. Fuel filter checked No 3rd cylinder lamp. 70th		
11-2-80		1151.2		Valve Clearance 008 Push Rods measured. Condition & length OK. Rechecked at 1206.2 Push Rod Length 11 1/16 Valve Clearance 008 in air SB 1358A		
11-26-80				Oil Change AP 2171431		
12/31/80	1199.7			100 HR INSP. CHANGED OIL FILTER - DRAINED & ADDED 69 to 50 wt AeroShell - checked valve clearance .007 - .008 all cylinders - cleaned & gapped spark plugs. P.H. Adams AP 2171431		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE



ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1-29-80	TACH 760.7			OIL + FILTER CHANGED. SERVICED w/ 6 QTS. AROUSHEN 80. Low. SP. PLUGS CLEANED. SIDE VALVE #2 CYL REPLACED. LONG GARD. RUN + CHECKED FOR LEAKS. R.O. Kempner App 2082341		
Compression Check (Entire of Rear of Log) Mag. Timing OK A/20° R/20° Eng Oil Changed - 6 QTS AROUSHEN W GRADE 80 SAE 40 - Spin-on Oil Filter (CH48110) Repl New Spark Plugs Installed (REM 38E) (SEA) Fuel Filter Cleaned + Insp. Air Filter Cleaned - Suck MAG, Emer Aid, (4 Feb 80) L/MAG N/A By S/W - Airborne Aviation Products S/L 25 A (Dry Air Pump) N/A By Med. Not S/W (5 Jun 79) Eng Solvent Washed						
I certify that this <u>Engine</u> has been serviced & inspected in accordance with a <u>100 HR</u> inspection as prescribed in Factory Service Manual & determined to be in airworthy condition.						
Dated <u>01-26-80</u> TACH <u>0799.5</u>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 80	03/24/80			Eng Oil Changed - 6 QTS AROUSHEN W GRADE 80 SAE 40 - SPARK PLUGS CLEANED. GAPPED (.016) + GARD - SATT. SERVICED		
I certify that this <u>Engine</u> has been serviced & inspected in accordance with a <u>50 HR</u> inspection as prescribed in Factory Service Manual & determined to be in airworthy condition.						
Dated <u>03/24/80</u> Total time TACH <u>0849.9</u>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-21-75	TACH 587.4 (CLEANED & GAPPED PLUGS)			CHANGED OIL AGRO SHELL 40 WT, REPLACED OIL FILTER, SERVICED BATT CLEANED MAIN FUEL STRAINER, CLEANED INLET AIR FILTER, CLEANED & GAPPED SPARK PLUGS. COMPRESSION NOTED IN REAR OF THIS LOG.	<i>[Signature]</i>	
<p>I certify that this <u>ENGINE</u> has been serviced &amp; inspected in accordance with a <u>100 hr</u> inspection as prescribed in Factory Service Manual &amp; determined to be in airworthy condition.</p> <p>Dated <u>8-30-79</u> Total time <u>600</u></p> <p><i>[Signature]</i></p> <p><u>151413741</u></p>						
DATE	30 Aug 79	TACH	600.0	<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.</p> <p><i>[Signature]</i></p> <p>DONALD G. WILLIAMS - A/P 1562947</p> <p><i>[Signature]</i></p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-8-79	655.4 TACH 30 HR REPLACED OIL FILTER (CH 48110) SERVICED 1 BT AGRO SHELL SAE 40w ROUTINE			CONTINUED; DRESSED MINOR PROP NICKS & REPAINTED, CHECKED GASCOATOR FUEL SCREEN, CLEANED & REPAINTED BATTERY BOX, REPLACED AIR FILTER, CLEANED & GAPPED PLUGS REM 38E (AM) SERVICED BATTERY H <sub>2</sub> O, SERVICED 6 CTS AGRO SHELL SAE 40wt GRADE 80. ROUTINE MAINT	<i>[Signature]</i>	
<p>I certify that this <u>ENGINE</u> has been serviced &amp; inspected in accordance with a <u>100 hr</u> inspection as prescribed in Factory Service Manual &amp; determined to be in airworthy condition.</p> <p>Dated <u>11-19-79</u> Total time <u>699.3</u></p> <p><i>[Signature]</i></p> <p><u>AP 208634</u></p>						
DATE	11-19-79	TACH	699.3	<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.</p> <p>Dated <u>11-19-79</u> Total time <u>699.3</u></p> <p><i>[Signature]</i></p> <p><u>AP 208634</u></p>		
<p>11-19-79 TACH 699.3 100 HR MAINT. DRAINED OIL, CHECKED &amp; REPLACED OIL FILTER. COMPRESSION IN REAR OF LOG BOOK CHECKED MAG TIMING (BOTH) 20° BTDC #2; NEXT COLUMN</p>						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE