

Book 2

5/14/2020



*The Standard*

# ENGINE LOG

ASA-SE-2

**Engine Record** General Information

Manufacturer LYCOMING

Model IO-540-AB1A5

Serial RL-21167-48E

Type Certificate \_\_\_\_\_

This engine is currently installed in aircraft: N262 CL

Minimum Octane Fuel \_\_\_\_\_

Oil Grade Summer \_\_\_\_\_

Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_

Point Setting \_\_\_\_\_

Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

YEAR 20 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
MAY/14, 20 TTSO	3911.5 1349.5			CHANGED OIL AND FILTER, SERVICED WITH AEROSHELL 15W50 AND CHAMPION CH48110-1 FILTER. CHECKED REMOVE FILTER FOR METAL. NO FOUND. PERFORMED LEAK CHECK. THIS ENGINE IS APPROVED TO RETURN TO SERVICE.  <i>Burton O'Neer</i> 3068287 AIP/IA
12/14/2020 T50H	4005.5 1443.5			Complied with a 100HR/ANNUAL INSPECTION. COMPRESSOR TEST: #1- <sup>75</sup> / <sub>100</sub> , #2- <sup>77</sup> / <sub>100</sub> , #3- <sup>76</sup> / <sub>100</sub> , #4- <sup>75</sup> / <sub>100</sub> , #5- <sup>75</sup> / <sub>100</sub> , #6- <sup>75</sup> / <sub>100</sub> . CHECKED MAGNETO TIMING @ 23° BT. COMPLIED WITH AD 15-19-07 EXTERNAL FUEL INJECTION LINES BY INSPECTION. NEXT DUE @ 4105.5. REPLACED ROCKER COVER GASKETS (6) OGB 26669. TORQUED TO 35inlbs. REPLACED (6) SPARK PLUGS WITH TEMPEST UREM 38E. CHANGED OIL AND FILTER. SERVICED WITH 9 QTS PHILLIPS VICTORY 20W50 AND CHAMPION CH48110-1 FILTER. CHECKED SUCTION SCREEN AND REMOVED FILTER FOR METAL. INSPECTED EXHAUST AND REPLACED MUFFLER ATTACHMENT HARDWARE. INSTALLED SAF-HEET T20 AIRCRAFT ENGINE HEATER PER INSTALLATION INSTRUCTIONS, DRAWING:

YEAR NO DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				NUMBER SH118 REV. A 11/29/05. INSTALLED SPINNER <del>SUPPORT</del> SHIMS B3410-16 / B3410-32. ACCOMPLISHED POST INSPECTION / MAINTENANCE ENGINE RUN. OPS CHECKS GOOD / NO LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. <i>Burtin Mason 3068287A P/IA</i>
6/27/2021	4047.0			CHANGED OIL AND FILTER. SERVICED WITH Phillips Victory 20W50, 9 QTS. AND CH48110-1 FILTER. INSPECTED SUCTION SCREEN AND FILTER FOR METAL NONE FOUND ENGINE RUN FOR LEAK CHECK. OK TO RETURN TO SERVICE. <i>Burtin Mason 3068287A P/IA</i>

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.
1/10/2022	4108.0		1546.0	<p>COMPLIED WITH A 100HR/ANNUAL INSPECTION. COMPRESSION TEST: #1 - 75/80, #2 - 75/80, #3 - 75/80, #4 - 75/80, #5 74/80, #6 - 75/80; EZM COMPRESSION TESTER WITH .040" CRIFICE, (43 PSI MIN PRESSURE). CHECKED TIMING AT 23° BTC. COMPLIED WITH AD 15-19-07, EXTERNAL FUEL INJECTOR LINE BY INSPECTION. CHANGED OIL AND FILTER. SERVICED WITH 9 QTS PHOENIX VICTORY 20W50 AND CHAMPION CH48110-1 FILTER. CHECKED FAN BELT FILTER FOR METAL. INSPECTED EXHAUST. CLEANED, GAPPED, TESTED SPARK PLUGS. CHECKED FUEL SYSTEM SCREENS. REPLACED ENGINE AIR INLET FILTER, DONALDSON P10-6150, DUE NEXT REPLACEMENT @ 4608.0 TACH.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.</p> <p>Burton Moon 306287 AIP/IA</p>

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/20/2022 Hobbs:	4796.6			REPLACED #2 CYLINDER EGT PROBE, PART NUMBER 86343 OPERATIONAL CHECK NEXT FLIGHT. AIRCRAFT RETURNED TO SERVICE. <i>Burton Moon</i> 3068287 AIP/IA
4/10/2022	4123.60			REPLACED #2 IGNITION, SPARK PLUG, SLICK M6203 7/8x24 HARDWARE KIT TO REPAIR BROKEN HARNESS. DID NOT REPAIR DISCREPANCY. ORDERED NEW HARNESS AND RH MAGNETO. TO BE REPAIRED UPON RECEIPT OF PARTS <i>Burton Moon 3068287 AIP</i>

**N262CL Engine**

DATE: 04/22/2022 METER: 4123.60 INSPECTED IGNITION SYSTEM, FOUND RIGHT MAGNETO & HARNESS OUT OF LIMITS. INSTALLED NEW LEFT & RIGHT MAGNETO HARNES KIT P/N: M6000R. INSTALLED AIRCRAFT MAGNETO SERVICE (CERT # A/P1862854) SERVICABLE MAGNETO P/N: 6351, S/N: 09020864, WITH NEW GASKET P/N:M3426, (SEE CERT TAG DATED: (04-14-2022). GROUND RUN AIRCRAFT, OPS CHECKED WITHIN LIMITS. END.

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Signed: *Damone Knox*

Damone Knox A&P 3096944

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/29/2022	4182.1			CHANGED OIL AND FILTER. SERVICED WITH 9 QTS PHILLIPS VICTORY 20W50 AND CHAMPION CH48110-1 FILTER. CHECKED REMOVED FILTER FOR METAL AND CONTAMINATION. NONE FOUND. ENGINE RUN FOR LEAK CHECK. ENGINE RETURNED TO SERVICE.  Duffon M. J. on 3068287 AEP/IA
2/25/2023	4221.7	TSOH:	1,659.7	COMPLIED WITH A 100HR/ANNUAL INSPECTION. COMPRESSION TEST 1- <sup>78</sup> / <sub>80</sub> , 2- <sup>78</sup> / <sub>80</sub> , 3- <sup>78</sup> / <sub>80</sub> , 4- <sup>78</sup> / <sub>80</sub> , 5- <sup>79</sup> / <sub>80</sub> , 6- <sup>77</sup> / <sub>80</sub> . TESTER: ELM/060 ORIFICE. (MINIMUM PRESSURE 71 PSI). CHECKED TIMING @ 23° BTC. COMPLIED WITH AD 15-19-07, EXTERNAL FUEL INJECTOR LINES BY INSPECTION. CHANGED OIL AND FILTER. SERVICED WITH 9 QTS PHILLIPS VICTORY 20W50 AND TEMPEST AA48110-2 FILTER. CHECKED REMOVED FILTER AND SUCTION SCREEN FOR METAL. NONE FOUND. CLEANED, GAPPED, TESTED AND ROTATED SPARKPLUGS. CHECKED FUEL SYSTEM SCREENS. ACCOMPLISHED POST INSPECTION MAINTENANCE ENGINE RUN OPERATIONAL AND LEAK CHECKS. ALL CHECKS GOOD AND →

