

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		

Mullens Aviation

Labelle, FL 33935 Ph [REDACTED]

Aircraft: N10HK Date: 10/24/2019 Acft. Hobbs: 72.3

Airframe Log

- Repacked nose steering actuator and re-bushed pin and sealed with kit P/N: 764-070.
- Replaced nose wheel tire with Michelin Air 6.00-6 6ply. and Aero Classic leakguard tube 6.00-6 TR20.
- Replaced main battery, left and right alternator 70 amp breakers Mech. Prod. P/N: 1648-009-070
- Re-sealed left flap actuator with kit P/N: 764-075. Serviced hydraulic accumulator.
- Freed up cleaned and lubed copilot Wemac eyeball air vent.
- Replaced copilot seat lock strap with serviceable unit.
- Installed EZ slides and cross bracket pilot seat. Replaced pilot side seat tracks with serviceable units.

MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time

Michael K. Harrold A&P [REDACTED]

Date: 09/23/2020	Hours: 2731.4
Tail#: N10HK	
Make: J. Smith	Model: Aerostar 600 S/N: 6007158061222
Jacked aircraft up per Aerostar 600 series maintenance manual (single wheel) per chapter 7-11-00 - 7-05. Removed wheel L/H wheel, disassembled, removed tube, part number unknown, tire P/N Michelin Air 6.50-8, S/N 7202S00320, Cleaned inspected wheel halves. Re-assembled L/H wheel assembly using new tube Goodyear 6.50-8, tire P/N Goodyear custom flight 6.50-8 S/N 92672252, Static balanced wheel assembly. Re-installed wheel onto aircraft, and installed brake assembly IAW MM 32-44-01 pages 32-84-329. Jacked aircraft up per Aerostar 600 series maintenance manual (single wheel) per chapter 7-11-00 - 7-05. Removed R/H wheel, disassembled, removed tube, part number unknown, tire P/N Michelin Air 6.50-8, S/N 8012S00296, Cleaned and inspected wheel halves. Re-assembled R/H wheel assembly using new tube Goodyear 6.50-8, tire P/N Goodyear custom flight 6.50-8 S/N 92682258, Static balanced wheel assembly. Re-installed wheel onto aircraft, and installed brake assembly IAW MM 32-44-01 pages 32-84-329.	
Name: Felipe Gregory Esparza	Cert: A&P [REDACTED]
Co: Semper Fi Aviation	Sign: [REDACTED]

N10HK PA60-600A S/N 60-715-8061222 TT: 2731.5 Hobbs: 189.0 02/18/2021

- Remove & Replace upper cabin door strut PN 1010 from Flight Shop Utah.
 - Remove & Replace Cabin Heater Hose PN IT-2214-501 from Flight Shop Utah.
 - Remove & Replace all 4 fuel valves overhauled by Aircraft Accessories of OK.
 - Remove & Replace KI 256 Attitude Indicator overhauled by MidContinent Instrument Wichita, KS. Pitot/Static test performed by AeroElectric Tulsa.
- I certify this aircraft determined to be in Airworthy Condition. -END-

Signature [REDACTED]

Auth. No: [REDACTED] A

Print Name: Earl Pittinger

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
------	------------	---

AIRFRAME LOG ENTRY



MIDWEST
CORPORATE
AVIATION

AEROSTAR 600
Aircraft S/N: 60-0715

N10HK
TT: 2744.9
Hobbs: 202.4

Date: 5/6/2021

Work Accomplished: C/W Annual Inspection Requirements IAW 14 CFR Part 43, Appendix D Referencing the AEROSTAR Model 600 Maintenance Manual Chapter 5-20-01.

- Inspected fuel filters for contaminants or defects, replaced each with factory new Fuel filter P/N 980225-001 and new O-Rings – no defects noted. Performed leak and Ops Check – no defects noted.
- Replaced Instrument Air Filter P/N 460-857 with factory new. Replaced Filter P/N IJ4-4 and Filter Element P/N BA-4 with factory new filters. Performed instrument Ops Check on post engine runs – no defects noted.
- Removed, cleaned, inspected and repacked all wheel bearings – no defects noted.
- Removed L/H MLG Door Arm P/N 400088-001, installed factory new Gear Door Arm P/N 400099-01 IAW Aerostar 600 MM Chapter 32, P/N 761-732 Rev 9/1/2019. Ops checked during gear swings – no defects noted.
- Performed Emergency Landing gear emergency extension Ops Check – no defects noted.
- Replaced NLG tube with factory new Tube P/N 092-500-0 IAW Cleveland AWBCM00021-12 and Piper Aerostar 600 MM, Chapter 32. Pressure check 24 hours following accomplished – no defects noted.
- Removed Main Battery. Installed factory new main battery P/N RG-24-20, S/N 41103451 and new hold-down P/N 5-0161 IAW Concord STC SA01147WI. Ops check performed – no defects noted.
- C/W AD-01005 R7 Visual Inspection of L/H and R/H wing filler caps. Noted both filler caps have a functioning positive lock. Work completed IAW AD79-01-05. Next Due at next Annual Inspection.
- C/W AD80-19-14 Horizontal and Vertical Stabilizer Attach Fittings for cracks along the upper and lower flanges. No defects noted. Work completed IAW AD 80-19-14 and Piper SB 600-88A. Next Due in 100 Hours or Hobbs 302.4.
- C/W AD95-23-11 Horizontal Stabilizer Attach Fittings. Visually inspected fuselage horizontal stabilizer forward and aft, left and right attach fittings IAW Aerostar SB600-130 – no defects noted. Next Due at next Annual Inspection.
- C/W AD98-24-29 Inspection of 55 Percent of Upper Spar Cap above MLG Attach Fitting – no defects noted. Work accomplished IAW Aerostar SBA600-132. Next due in 100 hours or Hobbs 302.4.
- C/W AD2015-19-07 Externally Mounted Fuel Injector Lines. Inspected visually on both L/H and R/H engines IAW AD2015-19-07 and Lycoming MSB 342G. Next due in 100 hours or Hobbs 302.4.
- C/W AD76-07-12 Bendix P/N 10-357-126 and P/N 10-357-157 Ignition Switches by operational inspection – no defects noted. Work accomplished IAW AD76-07-12. Next due in 100 hours or Hobbs 302.4.
- Removed L/H engine starter P/N 149-NLCC, S/N FNE-191463. Installed factory new P/N 149-NLCC, S/N H-VO20276 IAW Aerostar MM, Chapter 80-12-02. Installed Skytec Operational Limitations Placard on instrument panel near starter switch. Performed Ops Check – no defects noted.
- Removed R/H engine starter P/N 149-NLCC, S/N FNE-191458. Installed factory new P/N 149-NLCC, S/N H-VO20758 IAW Aerostar MM, Chapter 80-12-02. Performed Ops Check – no defects noted.
- Removed R/H engine Oil Temperature Sensor Cannon Plug and R/H Oil Temperature Sender P/N MS-28034-1. Cleaned and treated pins/sockets. Ops checked Oil Temperature Sender in boiling water for accuracy – no defects noted. Work accomplished IAW Aerostar 600 MM, Chapter 79-21-01.
- Removed NLG indicator light assembly. Cleaned and treated connector. Reinstalled, adjusted IAW Aerostar 600 MM and Ops Checked – no defects noted.
- Removed L/H Wing Inspection/Ice Light Assembly. Installed factory new assembly P/N 32005-6-7796. Noted wing inspection light is powered through Cabin Light CB. Installed factory new light P/N A7796A-24. Performed Ops Check – no defects noted. Reset breaker. Work accomplished IAW Aerostar 600 MM Section 91-13-00 and 33-47-00.
- Removed R/H Propeller P/N HC-C3YR-24F, S/N CK4644A for reseal and balance at Yingling Aviation Hartzell Authorized Propeller Shop in Wichita, KS. See Yingling Aviation 8130-3, Form Tracking Number YA 04212021-JS.
- Reinstalled R/H Propeller P/N HC-C3YR-24F, S/N CK4644A with factory new O-Ring P/N C3317-278 on R/H engine with Hartzell specified torque procedure and safetied IAW Hartzell Propeller MM 117D, Revision 19, Section 61-10-17 and Aerostar 600 MM, Section 61-15-00. Performed Ops and Leak Check on post maintenance runs – no defects noted.
- Installed factory new Datcon Hour Meter P/N 102033-D in forward partition of aft baggage compartment. Note: Hour Meter is electrically connected to blower motor circuit that is only energized during heater operation. Work accomplished IAW AC43-13-1B, Section 11-8. Performed Ops Check – no defects noted.
- Removed Garmin GNS-430 P/N 011-00280-10, S/N 97107796 for repair. Repaired by Bevan Aviation (Work Order 74046-1). Re-installed GNS-430, P/N 011-00280-10. Ops check performed on post maintenance ground runs and test flight – no defects noted. Work accomplished IAW Aerostar 600 MM, Section 34.
- Removed R/H engine cylinder #1 EGT Probe. Installed factory new probe/clamp P/N 2870 IAW Piper Aerostar 600 MM, Chapter 77-00-00. Performed ops check on post maintenance engine runs – no defects noted.
- Removed defective Heater Fan/Pitot Heater Double Rocker Switch P/N 8143-K21F-10M50. Installed Aerostar factory replacement Heater Fan/Pitot Heater Double Rocker Switch with replacement P/N 980217-001 IAW Aerostar 600 MM, Section 39-17-02.
- Removed Hydraulic Accumulator P/N 980075-1, S/N 059-75/162. Resealed with factory new O-Rings P/N MS28775-326 and factory new back-up Rings P/N MS28774-326. Lubricated components and reassembled IAW Aerostar 600 MM Section 29-17-00. Pre-charged to 500 PSI with dry Nitrogen. Reinstalled Accumulator P/N 980075-1, S/N 059-75/162 in airframe IAW Aerostar 600 MM, Section 29-17-00. Performed Ops Check and Leak Check – no defects noted.

Continued, page (1) of (2)...

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
------	------------	---

AIRFRAME LOG ENTRY

AEROSTAR 600
Aircraft S/N: 60-0715

N10HK
TT: 2744.9
Hobbs: 202.4

Date: 5/6/2021

Page (2) of (2)

- Performed function test(s) on installed Harzell/Janitrol C&D Heater. Checked fuel pump, ignition, solenoid valve and bypass heater switch. Noted grounding surface was oxidized – cleaned, treated and reinstalled ground. Performed final Ops and Leak Check – no defects noted. Work accomplished IAW Aerostar 600 MM, Sections 21-42, 91-13-00 and Harzell/Janitrol C&D Heater Manual Number MM10001, Section 11.4.5, Revision L, dated 5/21/15.
- Removed King KC295 Autopilot Computer P/N 065-0034-02, S/N 5024 for bench test and repair. Removed Autopilot Pitch Control Servo P/N 065-0028-03, S/N 5179 for bench test and repair.
- Reinstalled King KC295 Autopilot Computer P/N 065-0034-02, S/N 5024 following repairs at Bevan Aviation, Wichita, KS IAW Aerostar 600 MM. Reinstalled Pitch Control Servo P/N 065-0028-03, S/N 5179 following repairs at Bevan Aviation, Wichita, KS. Performed Ops Check during post maintenance test flight – no defects noted.
- Installed USB Charging Port P/N 6430360-1, S/N D21-10885 in instrument panel at previous location of Aux Fuel Tank Quantity Gauge, now vacated IAW Blue Power USB Power Port Installation Instructions Manual Number 9019411. Power source and 5AMP Circuit Breaker re-purposed from now removed Aux Fuel Tank Boost Pump Circuit. Performed Ops Check – no defects noted.
- Lubricated Flight Control System, under cabin floor and in wings IAW Aerostar 600 MM.
- Removed Tail Navigation Light/Strobe Assembly, cleaned and treated contacts. Replaced bulb with factory new P/N 34-0428070-64. Performed Ops Check – no defects noted.
- Removed Intermittent tail strobe beacon assembly. Installed factory new Tail Strobe Assembly P/N 02-0350034-00 IAW Aerostar 600 MM, Section 33. Ops Checked – no defects noted.
- Removed installed Auxiliary Fuel Tank Model 76 and required installed header tank previously installed under STC SA160608NM, IAW Report Number 76-1 IAW SA160608NM. Control and indication wiring secured and marked/identified should a re-installation of the Aux Fuel Tank SA160608NM be desired in the future.
- Defueled aircraft and following Aux Fuel Tank removal performed Aircraft Weigh Procedure IAW Aerostar 600 Section 8 with wing and fuselage tank fully drained as recommended in Section 8. See new Weight & Balance Report for details of aircraft weigh - installed in Pilot's POH.
- ELT Inspected, Battery expiry noted as FEB 2022 – no defects noted.
- AD'S checked, parts and component original traceability documents and Form 8130-3's provided with this Release.

I certify that this aircraft was repaired/inspected in accordance with an Annual Inspection and current Regulations of the Federal Aviation Administration and is approved for return to service with respect for the work performed. Pertinent details are on file at this Repair Station under the Work Order # 31483.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
Wichita, KS 67226 •



MIDWEST
CORPORATE
AVIATION

AIRFRAME LOG ENTRY

AEROSTAR 600
Model: IO540-K1J5
Engine S/N: L-19621-48A

N10HK
HOBBS:215.2

Date: 5/6/2021

Work Accomplished:

- PILOT REPORTED RH MAG ON LH ENGINE TO BE DEAD IN FLIGHT. REMOVED TOP COWL
- & DISCONNECTED "P" LEAD FROM RH MAG. SUSPECTED SHORT IN "P" LEAD CIRCUIT.
- PERFORMED GROUND RUN & MAG CHECK. ENGINE PERFORMED AS EXPECTED WITH "P"
- LEAD DISCONNECTED. DISCONNECTED RH "P" LEAD FROM LH IGNITION SWITCH. NO
- SHORT DETECTED IN LEAD. REMOVED LH IGNITION SWITCH & BENCH TESTED. NO
- DEFECTS NOTED. REMOVED BOTH MAGS & SENT TO MIDWEST AIRCRAFT NEWTON KS.
- FOR 500 HOUR INSPECTION. RH MAG PN:6350 SN:08080682 LH MAG PN:6393
- SN:08081177. RECEIVED BACK BOTH REPAIRED MAGS. INSTALLED REPAIRED LH MAG
- PN:6393 SN:08081177 & RH MAG PN:6350 SN:08080682. WITH NEW MAG GASKETS
- LW-12681 (QTY 2) AND MAG ADAPTER GASKET PN:62224 (QTY 2) SUPPLIED BY
- MIDWEST AIRCRAFT. OPS CHECK GOOD ON ENGINE GROUND RUN. WORK DONE IAW
- BENDIX SERVICE INSTRUCTION 16-357000 SERIES & AEROSTAR 600 M.M. SECTION
- 74-12-00.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31499.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
Wichita, KS 67226 •

Page No.

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK



M I D W E S T
C O R P O R A T E
D I V I S I O N

AIRFRAME LOG ENTRY

Model: 600
Mfg: AEROSTAR

N10HK
HOBBS:257.5

Date: 6/14/2021

Work Accomplished:

- Removed Alternator Dual Cockpit Switch P/N 8143K-1E10M. Installed **factory new superseded P/N 980217-001** IAW Piper AEROSTAR MM, Section 39-17-02. Performed engine run and Ops Check – no defects noted.
- Removed Main Battery Circuit Breaker P/N 1648-009-070. Installed **factory new Main Battery Circuit Breaker P/N 1648-009-070** IAW Piper AEROSTAR MM Section 24-38-00. Performed engine run and Ops Check – no defects noted.

All maintenance performed on this Aircraft was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31505.

for Midwest Corporate Aviation, FAA CRS# BVYR657C

Wichita, KS 67226

[illegible]

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		
N10HK PA60-600A S/N 60-715-8061222 TT: 2731.5 Hobbs: 189.0 02/18/2021 Engine Model No: IO-540-K1J5 Serial No: L-19713-48A TSMOH: 1197.8 Compression cyl#1 74/80, #2 72/80, #3 74/80, #4 72/80, #5 70/80, #6 68/80. R&R engine oil with 10 quarts Aeroshell 15/50W. R&R Oil Filter with CHAMPION PN 48110-1. Cut open used filter and check for contaminants. No contamination found. Ran engine checking for leaks. Engine ran good & no leaks found. I certify this LEFT engine has been inspected in accordance with a 100 hour inspection determined to be in Airworthy Condition. -END-		
Signature: [Redacted]		Auth. No: [Redacted] A
Print Name: Earl Pittinger		



**MIDWEST
CORPORATE
AVIATION**

L/H ENGINE LOG ENTRY

AEROSTAR 600
 Model: IO540-K1J5
 Engine S/N: L-19713-48A

N10HK
 TT: 2744.9
 SMOH: 1211.2

Date: 5/6/2021

Work Accomplished: *CW* Annual Inspection Requirements IAW 14 CFR Part 43, Appendix D Referencing the AEROSTAR Model Model 600 Maintenance Manual Chapter 5-20-01.

- Performed engine run IAW POH to warm oil. Oil pressure and oil temperature indications within normal range, as marked.
- Removed cowlings as necessary, drained engine oil.
- Removed Oil Filter, Cut Open and visually inspected **Filter Element** for metallic particles or excessive hard carbon.
Findings: No metal particles or hard carbon noted in filter element.
- Installed New Champion Engine Filter, torqued and Safetied IAW filter manufacturer's specifications.
- Serviced Engine with (12) Quarts of Phillips 20W50XC engine oil. **NEXT OIL CHANGE DUE at Hobbs 252.4.**
- Removed All Spark Plugs, cleaned, gapped, inspected, tested and reinstalled IAW Champion Instructions.
- Performed Magneto Timing Check on Both Left and Right Magnetos - No Defects Noted.
- Performed Engine Compression Check Using Calibrated Compression Test Equipment with the Following Results: **#1-75/80, #2-74/80, #3-77/80, #4-73/80, #5-76/80, #6-74/80**, all Within Limits -no Defects Noted.
- Removed all (6) Fuel Injection Nozzles, cleaned, inspected and reinstalled IAW Lycoming IO-540 MM. Ops and Leak checked nozzles and fuel line fittings during post maintenance engine runs - no defects noted.
Performed post maintenance engine run IAW POH. Accessed engine for leak check inspection and reinstalled cowlings. No defects noted. Oil pressure and temperature indications noted within normal range, as marked.
- **C/W AD2015-19-07 Inspection of Fuel Lines IAW Lycoming MSB 342G.** Next due in 100 hours or Hobbs 302.4. Also noted in Airframe Log Entry.
- AD'S checked, parts and component original traceability documents and Form 8130-3's provided with this Release.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order #31483.

[Redacted] for Midwest Corporate Aviation, FAA CRS# BVYR657C
 [Redacted] Wichita, KS 67226 [Redacted]

		SUB-TOTAL THIS PAGE
		TOTAL - CARRY FORWARD TO NEXT PAGE

Page No.

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK



M I D W E S T
C O R P O R A T E
A V I A T I O N

L/H ENGINE LOG ENTRY

AEROSTAR 600
Model: IO540-K1J5
Engine S/N: L-19621-48A

N10HK
HOBBS:215.2

Date: 5/6/2021

Work Accomplished:

- REMOVED BOTH MAGS & SENT TO MIDWEST AIRCRAFT NEWTON KS.
- FOR 500 HOUR INSPECTION. RH MAG PN:6350 SN:08080682 LH MAG PN:6393
- SN:08081177. RECEIVED BACK BOTH REPAIRED MAGS. INSTALLED REPAIRED LH MAG
- PN:6393 SN:08081177 & RH MAG PN:6350 SN:08080682. WITH NEW MAG GASKETS
- LW-12681 (QTY 2) AND MAG ADAPTER GASKET PN:62224 (QTY 2) SUPPLIED BY
- MIDWEST AIRCRAFT. OPS CHECK GOOD ON ENGINE GROUND RUN. WORK DONE IAW
- BENDIX SERVICE INSTRUCTION 16-357000 SERIES & AEROSTAR 600 M.M. SECTION
- 74-12-00.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31499.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
[REDACTED] • Wichita, KS 67226 • [REDACTED]



M I D W E S T
C O R P O R A T E
A V I A T I O N

L/H ENGINE LOG ENTRY

AEROSTAR 600
Model: IO540-K1J5
Engine S/N: L-19713-48A

N10HK
HOBBS:245.5

Date: 6/8/2021

Work Accomplished:

- DRAINED NO.1 ENGINE OIL. REMOVED OIL FILTER PN:CH48110-1. CUT OPEN FILTER
- & INSPECTED FOR METALLIC PARTICLES. NO DEFECTS NOTED. INSTALLED FACTORY
- NEW OIL FILTER PN:CH48110-1. SAFETIED & TORQUED FILTER. COLLECTED OIL
- SAMPLE. SERVICED ENGINE WITH 12 QTS OF PHILLIPS 20W50XC OIL. OPS & LEAK
- CHECK GOOD ON ENGINE GROUND RUN. WORK DONE IAW AEROSTAR 600 M.M. SECTION
- 5-20-01.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31504.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
Wichita, KS 67226

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

Page No.

M I D W E S T
C O R P O R A T E
A V I A T I O N

Model: 600
MFG: AEROSTAR
S/N: 6007158061

N10HK
HM: 245.5

Date: 6/10/2021

- L/H fuel pressure discrepancy noted. **Removed Engine driven Fuel Pump P/N 08HZ02, S/N not legible. Installed Factory new superseded engine driven Fuel Pump P/N 62B26931, S/N 1721L0010 IAW Lycoming Direct Drive Engine Overhaul Manual Section 5, Part 5-36 Revision October 1974.** Performed engine run IAW AEROSTAR 600 POH and accomplished and Ops and Leak Check – no leaks noted. L/H Fuel pressure needle exhibited minor variations with engine RPM. Fuel pressure good, within specification.
- **Investigated very minor fuel pressure variations.** Connected calibrated fuel pressure gauge with "T" fitting into output of engine driven fuel pump. Performed engine run and calibrated fuel pressure gauge. L/H cockpit fuel pressure corresponded and deemed accurate. Disconnected fuel pressure test equipment and restored fuel pump to print.
- **Removed L/H Fuel Servo screen, cleaned and inspected** – no material contamination found. Cleaned and reinstalled with factory new O-Ring IAW Lycoming Overhaul Manual.
- **Bled fuel pressure line to fuel flow divider and capillary line to L/H cockpit fuel pressure gauge to removed trapped air.** Inspected fuel pressure snubber – no defects noted. Reassembled fuel pump plumbing. Performed final engine run for fuel leak detection – no defects found. Performed Ops check – minor pressure variations consistent with RPM and determined minor pressure variations not an airworthiness issue. Fuel pressure good at all RPM ranges. Work accomplished IAW Lycoming Direct Drive Overhaul Manual, Section 9.

All maintenance performed on this ENGINE was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for service with respect to the work performed. Pertinent details are on file at this repair station under the **Work Order No. 31504**.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
[REDACTED] • Wichita, KS 67226 • [REDACTED]

[illegible]

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		

Mullens Aviation

Labelle, FL 33935 Ph [REDACTED]

Aircraft: N10HK Date: 10/24/2019 Acft. Hobbs: 72.3

Right Engine Log

- Replaced Throttle, mixture and propeller control cables with new style serviceable units. Adjusted and rigged for proper control and levers even with left engine controls.
- Replaced #4 and #5-cylinder egt probes with serviceable units Insight P/N: 2870.
- Repaired #2-cylinder cht probe wires and re-secured.

MAINTENANCE RELEASE: I certify that work completed has been ops and leak checked ok and has been determined to be in airworthy condition at this time.

[REDACTED] Brian De Jesus Grullon A&P [REDACTED]

N10HK PA60-600A S/N 60-715-8061222 TT: 2731.5 Hobbs: 189.0 02/18/2021
 Engine Model No: IO-540-K1J5 Serial No: L-19621-48A TSMOH: 209.6
 Compression cyl#1 74/80, #2 74/80, #3 70/80, #4 74/80, #5 66/80, #6 72/80.
 R&R engine oil with 10 quarts Aeroshell 15/50W. R&R Oil Filter with CHAMPION
 PN 48110-1. Cut open used filter and check for contaminates. No contamination
 found. Ran engine checking for leaks. Engine ran good & no leaks found. I certify
 this **RIGHT** engine has been inspected in accordance with a 100 hour inspection
 determined to be in Airworthy Condition. —END—

Signature: [REDACTED]

Auth. No: [REDACTED] A

Print Name: Earl Pittinger

INTENTIONAL SPACE

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No.



MIDWEST
CORPORATE
AVIATION

R/H ENGINE LOG ENTRY

AEROSTAR 600
Model: IO540-K1J5
Engine S/N: L-19621-48A

N10HK
TT: 2744.9
SMOH: 223.0

Date: 5/6/2021

Work Accomplished: C/W Annual Inspection Requirements IAW 14 CFR Part 43, Appendix D Referencing the AEROSTAR Model 600 Maintenance Manual Chapter 5-20-01.

- Performed engine run IAW POH to warm oil. Oil pressure and oil temperature indications within normal range, as marked.
- Removed cowl as necessary, drained engine oil.
- Removed Oil Filter, Cut Open and visually inspected Filter Element for metallic particles or excessive hard carbon. Findings: No metal particles or hard carbon noted in filter element.
- Installed New Champion Engine Filter P/N 48110-1, torqued and Safetied IAW filter manufacturer's specifications.
- Serviced Engine with (12) Quarts of Phillips 20W50XC engine oil. NEXT OIL CHANGE DUE at Hobbs 252.4.
- Removed All Spark Plugs, cleaned, gapped, inspected, tested and reinstalled IAW Champion Instructions.
- Performed Magneto Timing Check on Both Left and Right Magnetos - No Defects Noted.
- Performed Engine Compression Check Using Calibrated Compression Test Equipment with the Following Results: #1-72/80, #2-76/80, #3-74/80, #4-75/80, #5-78/80, #6-77/80, all Within Limits -no Defects Noted.
- Removed all (6) Fuel Injection Nozzles, cleaned, inspected and reinstalled IAW Lycoming IO-540 MM. Ops and Leak checked nozzles and fuel line fittings during post maintenance engine runs - no defects noted. Performed post maintenance engine run IAW POH. Accessed engine for leak check inspection and reinstalled cowlings. No defects noted. Oil pressure and temperature indications noted within normal range, as marked.
- C/W AD2015-19-07 Inspection of Fuel Lines IAW Lycoming MSB 342G. Next due in 100 hours or Hobbs 302.4. Also noted in Airframe Log Entry.
- AD'S checked, parts and component original traceability documents and Form 8130-3's provided with this Release.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31483.

for Midwest Corporate Aviation, FAA CRS# BVYR657C

Wichita, KS 67226



MIDWEST
CORPORATE
AVIATION

R/H ENGINE LOG ENTRY

AEROSTAR 600
Model: IO540-K1J5
Engine S/N: L-19621-48A

N10HK
HOBBS:245.5

Date: 6/8/2021

Work Accomplished:

- DRAINED NO.2 ENGINE OIL. REMOVED OIL FILTER PN:CH48110-1. CUT OPEN FILTER
- & INSPECTED FOR METALLIC PARTICLES. NO DEFECTS NOTED. INSTALLED FACTORY
- NEW OIL FILTER PN:CH48110-1. SAFETIED & TORQUED FILTER. COLLECTED OIL
- SAMPLE. SERVICED ENGINE WITH 12 QTS OF PHILLIPS 20W50XC OIL. OPS & LEAK
- CHECK GOOD ON ENGINE GROUND RUN. WORK DONE IAW AEROSTAR 600 M.M. SECTION
- 5-20-01.

All maintenance performed on this Engine was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31504.

for Midwest Corporate Aviation, FAA CRS# BVYR657C

Wichita, KS 67226

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

Page No.

M I D W E S T
C O M P O S I T E
R E V I S I O N

Model: 600
MFG: AEROSTAR
S/N: 6007158061

N10HK
HM: 245.5

Date: 6/10/2021

- Removed engine cowlings. Visually inspected oil temperature wiring for chafe rubs, breaks or defects - no defects. Visually inspected oil temperature connectors for defects with magnification - no defects noted. Cleaned and treated connector pins and sockets and applied SuperCorr. Reconnected. Performed engine test run and oil temperature indicated normally. Work accomplished IAW AC43.13-2B

All maintenance performed on this ENGINE was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order No. 31504.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
Wichita, KS 67226 •

6-23-21	Hobbs 264.5
	Removed rt Engine Fuel pump
	Installed NEW Tempest Eng. fuel pump
	P/N AF-15473 S/N ONB612, ground
	run engine, no discrepancy noted
	return engine to service
	ATP

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
------	------------	---



**MIDWEST
CORPORATE
AVIATION**

R/H PROP LOG ENTRY

**AEROSTAR 600
HC-C3YR-2UF
Prop S/N: CK-4644A**

**TT: Unknown
HOBBS: 202.4**

Date: 5/6/2021

Work Accomplished: C/W Annual Inspection Requirements IAW 14 CFR Part 43, Appendix D Referencing the AEROSTAR Model Model 600 Maintenance Manual Chapter 5-20-01.

- Propeller removed from Airframe AEROSTAR 600, N10HK and sent to Yingling Propeller Shop, a Hartzell Authorized Repair Station in Wichita, KS for Reseal and Balance.
- Received HC-C3YR-2UF, Serial CK4644A, performed receiving inspection – no defects noted.
- Installed HC-C3YR-2UF, Serial CK4644A on R/H Engine with factory new O-Ring P/N C3317-278 on R/H engine with Hartzell specified torque procedure and safetied IAW Hartzell Propeller MM 117D, Revision 19, Section 61-10-17 and Aerostar 600 MM, Section 61-15-00. Performed Ops and Leak Check on post maintenance runs – no defects noted.
- See Yingling 8130-3 Form Tracking Number YA-04212021-JS-1 enclosed with this Release.
- AD'S Checked, parts and component original traceability documents and Form 8130-3 for Propeller Reseal and Balance provided with this Release.
- Note: Propeller Lubricated by Yingling Propeller Shop and Synthetic Grease NOT used.
- Engine Run and Propeller Ops and Leak Check performed – No Defects Noted.

All maintenance performed on this Propeller was performed in accordance with current regulations of the FAA and was determined to be in airworthy condition and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station under the Work Order # 31483.

for Midwest Corporate Aviation, FAA CRS# BVYR657C
Wichita, KS 67226

Propeller Log Book Entry, by Yingling Aircraft, Inc.

Disassembled propeller for reseal. Cleaned and visually inspected all parts. Reassembled propeller with all required new parts. Set blade angles, pressure tested, and static balanced propeller. All work accomplished in accordance with Hartzell Maintenance Manuals 117D Rev.19, 115N Rev.24, 202A Volume 7 Rev.50, and Volume 11 Rev.36.



Completed By Yingling Aircraft, Inc.
Wichita, KS 67277
FAA CRS #YN8R621Y
Jeffery A. Sawyer
Signature: _____

Date Completed 04/21/2021
Work Order No. 24336
Propeller TT Not Provided
Propeller TSOH Not Provided
Propeller M/N HC-C3YR-2UF
Propeller S/N CK-4644A

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE