

Engine Record General Information			
Manufacturer	LYCOMING	Model	O-360-A1F6D
Serial	L-22135-36A	Type Certificate	
This engine is currently installed in aircraft: N18523 S/N 17702541			
Minimum Octane Fuel	100 LL	Oil Grade: Summer	100
		Winter	
Magneto Time	25° BTDC	Point Setting	
		Firing Order	
Spark Plug Gap			
Manufacturer's Recommended Overhaul at		hours	

BOOK 2  
FROM 1536.4 TTSN

Engine Description

Lycoming

Model: O-360-A1F6D

Serial number: L-22135-36A

Rated HP 180 @ 2700 RPM

Maximum HP 180 @ 2700 RPM

Magneto timing – 25° BTDC

Propeller Description


McCauley

Hub design: B2W34C211      Serial Number: 764045

Blade design: 82PCA-6

Pitch: low – 12.1° high – 26.0°

Diameter: 76 inches

YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 MAR	1542.7			DRAINED OIL AT SUMP AND OIL COOLER. REPLACED OIL FILTER WITH NEW CHAMPION CH 48103 FILTER. ADDED 8 QUARTS OF AEROSHELL W100 PLUS OIL.   JAVIER CAMBA III CERT. NO, 2821625

Date	TTSN	Remarks
19 Mar 19	1542.7	Drained oil at sump and oil cooler. Replaced oil filter with new Champion CH48103 filter. Added 8 quarts of Aeroshell W100 plus oil.  Javier Camba III Cert. No: 2821625





YEAR 20 <u>19</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
17DEC	1597.4			DRAINED OIL AT SUMP AND OIL COOLER. REPLACED OIL FILTER WITH NEW CHAMPION CH48103 FILTER. ADDED <del>7</del> QUARTS OF AEROSHELL W100PLUS 7QT AND ONE CAM GUARD.
				<i>J. Camba III</i> JAVIER CAMBA III CERT No 2821625

Date	TTSN	Remarks
17 Dec 19	1597.4	Drained oil at sump and oil cooler. Replaced oil filter with new Champion CH48103 filter. Added 7 quarts of Aeroshell W100 plus oil and one Camguard.  Javier Camba III Cert. No: 2821625

YEAR  
20  
DATE



Granbury Aviation Services LLC, 344 Howard Clemmons Rd., Granbury TX 76048  
Date: 05-01-2020 Logbook: Engine 1 Tail Number: N18523

Tach: 1607.4 TTIS: 1607.4 Model: 0-360-A1F6D Serial: L-22135-36A Work Order: 81

Repairs / Maintenance

- Performed a 100 hr inspection on this date. Inspected engine, mounts, controls, hoses and accessories for condition and security. Drained and serviced engine oil with 7 qts. Aeroshell W100+ and 1 pint of CAM-GUARD. Removed and replaced engine oil filter with new Champion CH48110-1 IAW manufacturers installation instructions. Oil and filter analyzed by AvLabs, results were found to be 'normal'. Compression Cyl1 – 70/80, Cyl2 – 79/80, Cyl3 – 71/80, Cyl4 – 78/80. Ignition timing checked and found to be in specification, 25° BTDC.
- Spark plugs cleaned and checked and reinstalled per Tempest manual. All eight plugs have less than 1,900-ohm resistance. Replaced four fuel primer clamps with MS21919-WCJ2 cushion clamps. The exhaust system was removed, inspected, cleaned and lubricated with Copper based Anti-seize lubricant IAW with the Power Flow ICA instructions. Replaced all four exhaust gaskets with new Lycoming 77611 gaskets. Cleaned aircraft fuel strainer and replaced MS29513-111 and MS29513-138 O-rings with new. Removed and replaced air filter with new Brackett Aero BA-6705.
- This engine has been inspected in accordance with a 100 hr. inspection. All applicable AD's have been complied with and current list is in permanent aircraft records. The inspection was conducted using scope and detail outlined in FAR 43 appendix D and the manufacturers recommended inspection check list. All noted discrepancies during this inspection have been corrected. This engine is found to be in an airworthy condition and is approved for return to service on this date.

Granbury Aviation Services LLC Ronnie Stowell AP3645895IA

Date	TTSN	Remarks
01 May 20	1607.4	<ul style="list-style-type: none"> <li>• Performed a 100 hr. Inspection on this date. Inspected engine, mounts, controls, hoses and accessories for condition and security. Drained and serviced engine oil with 7 qts. Aeroshell W100+ and 1 pint of CAM-GUARD. Removed and replaced engine oil filter with new Champion CH48110-1 IAW manufacturer's installation instructions. Oil and filter analyzed by AvLabs, results were found 'normal'. Compression Cyl1 – 70/80, Cyl2 – 78/80, Cyl3 71/80, Cyl4 78/80. Ignition timing checked and found to be in specification 25° BTDC.</li> <li>• Spark plugs cleaned and checked and reinstalled per Tempest manual. All eight plugs have less than 1,900-ohm resistance. Replaced four fuel primer clamps with MS21919-WCJ2 cushion clamps. The exhaust system was removed, inspected, cleaned and lubricated with Copper based Anti-seize lubricant IAW with the Power Flow ICA instructions. Replaced all four exhaust gaskets with new Lycoming 77611 gaskets. Cleanded aircraft fuel strainer and replaced MS29513-111 and MS29513-138 O-rings with new. Removed and replaced air filter with new Brackett Aero BA-6705.</li> <li>• This engine has been inspected in accordance with a 100 hr. inspection. All applicable AD's have been complied with and current list is in the permanent aircraft records. The inspection was conducted using scope and detail outlined in FAR 43 appendix D and the manufacture's recommended inspection check list. All noted discrepancies during this inspection have been corrected. This engine is found to be in an airworthy condition and is approved for return to service on this date.</li> <li>• Granbury Aviation Services, LLC Ronnie Stowell AP3645895IA</li> </ul>



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	or
				<p>06/01/2021 N18523 O-360-A1F6D S/N: L-22135-36A                      Tach: 1641.5 TSN 1641.5                      Performed annual inspection. Compressions: #1 72/80, #2 76/80, #3 74/80 and #4 74/80. Changed vacuum pump with new P/N: 215CC S/N: A75170. Changed oil and filter. Added 7 quarts Aeroshell 100 with cam guard. Filter CH48103. Cleaned and gapped all sparkplugs. Replaced one UREM38E sparkplug. Installed with new sparkplug washers. Installed new Exhaust gaskets P/N: 77611. I certify that this engine was inspected and current AD's checked per revision 2021-10 and was determined to be in airworthy condition.</p> <p>Jeff Powell, A&amp;P 3013211 IA <i>Jeff Powell</i></p>	

Date	TTSN	Remarks
1 Jun 21	1641.5	<p>06/01/2021 N18523 O-360-A1F6D Tach: 1641.5 TSN 1641.5                      Performed annual inspection. Compressions: #1 72/80, #2 76/80, #3 74/80 and #4 74/80. Changed vacuum pump with new P/N 215CC S/N: A75170. Changed oil and filter. Added 7 quarts Aeroshell 100 with cam guard. Filter CH48103. Cleaned and gapped all sparkplugs. Replaced on UREM38E sparkplug. Installed with new sparkplug washers. Installed new Exhaust gaskets P/N 77611. I certify that this engine was inspected and current AD's checked per revision 2021-10 and was determined to be in airworthy condition.</p> <p>Jeff Powell, A&amp;P 3013211 IA</p>

