



The Standard

ENGINE LOG

ASA-SE-1

DATE 19__	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.)
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N19888

01-18-2024 Tach: 6644.5 SMOH: 1281.5 Engine Total Time: 5658.3

Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 15W50 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs.

Next due for 500-hour inspection Tach Time: 7127.4. Checked magneto timing at 25 degrees.

Installed new BA-6108 filter. Compression test: #1: 69/80, #3: 63/80, #2: 65/80, #4: 67/80. Inspected muffler and stacks for leaks. None were found this inspection. Complied with the following AD's: AD

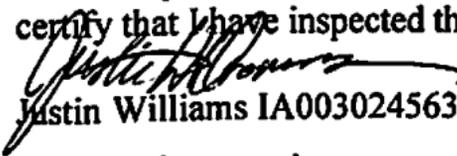
98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD

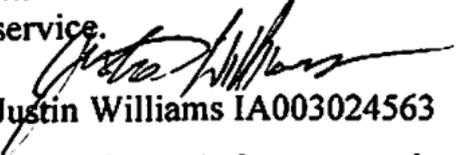
2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this

engine. Has Lycoming cylinders installed. AD 2001-06-02 Correction- To prevent interruption of the

electrical power to the FADEC: N/A does not have this type of engine installed on this airframe. I

certify that I have inspected this engine per Annual Inspection and return to service.


Justin Williams IA003024563

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				N19888 07-26-2019 Tach: 6627.4 SMOH: 1264.4 Engine Total Time: 5641.2 Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 15W50 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs. Removed magnetos for 500 hour inspection. Replaced left magneto part number 4371 with serial number 98041647. Inspected right magnetos distributor block, points, and gear assembly. All checked satisfactory this inspection. Next due for 500 hour inspection Tach Time: 7127.4. Timed magnetos to engine at 25 degrees. Installed new BA-6108 filter. Compression test: #1: 72/80, #3: 70/80, #2: 72/80, #4: 70/80. Inspected muffler and stacks for leaks. None were found this inspection. Complied with the following AD's: AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. AD 2001-06-02 Correction- To prevent interruption of the electrical power to the FADEC: N/A does not have this type of engine installed on this airframe. I certify that I have inspected this engine per Annual Inspection and return to service.  Justin Williams IA003024563

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				N19888 01-23-2023 Tach: 6641.5 SMOH: 1278.5 Engine Total Time: 5655.3 Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 15W50 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs. Magnetos 500-hour inspection complied with last Annual Inspection. Next due for 500-hour inspection Tach Time: 7127.4. Timed magnetos to engine at 25 degrees. Installed new BA-6108 filter. Compression test: #1: 70/80, #3: 62/80, #2: 64/80, #4: 68/80. Inspected muffler and stacks for leaks. None were found this inspection. Complied with the following AD's: AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. AD 2001-06-02 Correction- To prevent interruption of the electrical power to the FADEC: N/A does not have this type of engine installed on this airframe. I certify that I have inspected this engine per Annual Inspection and return to service.  Justin Williams IA003024563

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N19888

05-18-2016 Tach: 6618.7 SMOH: 1255.7 Engine Total Time: 5632.5

Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 15W50 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs, checked magneto timing at 25 degrees. Reinstalled spark plugs. Installed new BA-6108 filter. AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. I certify that I have inspected this engine per Annual Inspection and return to service.


Justin Williams IA003024563

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N19888

10-12-2017 Tach: 6620.9 SMOH: 1257.9 Engine Total Time: 5634.7

Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 15W50 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs. checked magneto timing at 25 degrees. Reinstalled spark plugs. Installed new BA-6108 filter. Compression test: #1: 70/80, #3: 76/80, #2: 72/80, #4: 70/80. Inspected muffler and stacks for leaks. None were found this inspection. AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. AD 2001-06-02 Correction- To prevent interruption of the electrical power to the FADEC: N/A does not have this type of engine installed on this airframe. I certify that I have inspected this engine per Annual Inspection and return to service.


Justin Williams IA003024563

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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N19888

12-12-2012 Tach: 6607.1 SMOH: 1244.1 Engine Total Time: 5620.9

Drained oil, removed filter, cut filter, no metal noted. Removed cylinders to install engine upgrade from RAM as per STC SE3692SW-D and SA2375SW-D . Installed four overhauled cylinders with new piston part number 75089. New Piston pins part number, SL13444-1, New Piston Rings part number: SL3601-SC. Installed cylinders with new hardware, Installed new gaskets on exhaust, intake, intake hoses, rocker box, and oil drain back hoses. Installed oil pressure line on right front of engine as per instructions and as part of STC. Cleaned gapped and rotated spark plugs, checked magneto timing at 25 degrees. Serviced engine with Philips 66 20W50 oil and new CH48110-1 oil filter. AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. I certify that I have inspected this engine per Annual Inspection and return to service.

Justin Williams
Justin Williams IA003024563

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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N19888

02-10-2015 Tach: 6617.4 SMOH: 1254.4 Engine Total Time: 5631.2

Drained oil, removed filter, cut filter, no metal noted. Serviced with 7 quarts of Aeroshell 100 and new AA48110-1 oil filter. Removed spark plugs. Cleaned gapped and rotated spark plugs, checked magneto timing at 25 degrees. Reinstalled spark plugs. Installed new BA-6108 filter. AD 98-02-08 Crankshaft corrosion: Removed plug this date. No pitting this date. Installed new plug. AD 2009-26-12 to prevent head to barrel separation: N/a does not have these cylinders installed on this engine. Has Lycoming cylinders installed. I certify that I have inspected this engine per Annual Inspection and return to service.

Justin Williams
Justin Williams IA003024563

DATE | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations

N19888
 05-14-2007 Tach Time: 6580.5 SMOH: 1217.5 TT Engine:
 5546.7 Drained oil, removed filter, cut filter no metal noted.
 Serviced with Aeroshell 50W and new CH48110-1 oil filter.
 Compression test: #1: 75/80, #3: 75/80, #2: 77/80, #4: 76/80.
 Cleaned, gapped, and rotated spark plugs. Checked magneto
 timing. Check exhaust stacks and muffler for leaks, none noted
 this date. AD 96-09-06 BRACKETT AIR FILTER GASKET, BY
 INSP OF FRAME AND GASKET NEXT DUE 6680.5. AD96-09-10
 OIL PUMPS; PCW AT OH SEPT 08 2000. AD97-01-03 PISTON PIN;
 NA BY DATE AND SN. AD 97-01-13; FUEL, OIL HYD. HOSE; NA BY
 PN OF HOSE. AD 98-01-06 PRECISION CARB. NA HAS LETTER V
 STAMPED ON PLATE. AD 98-17-11 Crankshafts: N/A by serial
 number. AD 2000-06-01 Fuel system and engine: search of maintenance
 records indicates no installation of parts. AD 2004-10-14 Correction-
 prevent loosing or failure of the crankshaft gear retaining bolt: no blade
 strike or sudden stop of propeller. I certify that I have inspected this
 engine per 100 hour inspection and return to service.

Darrell Williams
 Darrell Williams A&P 2772084

Name, Rating and Certificate Number of Technician or Repair
 or specific entries.)

DATE | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Alterations

8/14
 2009
 6597.3
 -
 5611.1

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.)

TSMO = 1234.3

	#1	#2	#3	#4
1) Completed cyl. ck	80/72	80/72	80/70	80/70
2) C/W AD 96-09-06 by visual insp of frame and Gasket <i>Inst. New Air Filter PN B85110, A Next Due</i>				
3) Replaced all spark plugs with New plugs. REM 40E.				
4) Check oil, fuel and Hyd. hoses for leaks and gen. condition.				
5) Checked exhaust, intake and Muffler for leaks and cracks. None noted				
6) drained eng. oil and replaced with 7 qts Aeroshell 100, Replaced oil filter				
7) checked eng. baffles for broken mounts, leaks and gen. condition.				
8) See AD listing for further AD's information on this Eng.				

John H Brown AP7039548

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(CONT. FROM PREVIOUS PAGE)				CLEANED TESTED & REPLACED SPARK PLUGS. ENGINE WASHED DOWN. TEST RUN - NO LEAKS - ALL TEMPS. & PRESSURES NORMAL INSTALLED NEW A30-545-11 HARNESS ON L.I.R. MAG. C. J. Johnson AWP 456645749
15 OCTOBER	6532.8	1169.9	5546.7	SMU4 - ENGINE ENSP. IAW A 100 HP. IT WAS FOUND TO BE AIRWORTHY. 17LL CYL TEST SATISFACTORY ON DIPE. COMP. CHECK. CHECKED MAG. TIMING. DRAINED OIL - REFILLED WITH ALERSHELL 10W. INSTALLED NEW CM48110 OIL FILTER. CLEANED TESTED & REPLACED

(CONT ON NEXT PAGE)

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(CONT. FROM PREVIOUS PAGE)				SPARK PLUGS. ENGINE WASHED DOWN, TEST RUN ALL TEMPS & PRESSURES NORMAL. C. J. Johnson AWP 456645749
28 APR. 05	6536.	HUBAS		REPLACED RIGHT MAG WITH NEW UNIT. SUCH MODEL 4370 S/N 05021057. - WORK ACCOMPLISHED IAW LYE. MAINTENANCE MANUAL SECTION 4-30. ENGINE TEST RUN, ALL TEMPS & PRESSURES NORMAL C. J. Johnson AWP 456645749

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5/2/00	6375.7	5MOH 1012.7	5389.5	This Engine has been inspected in accordance with a 100 hr inspection per Service Manuals + Fat's. Changed oil serviced with AS 15-50 8qts, cut filter no metal present. CK'd compression #1 68/80 #2 79/80 #3 75/80 #4 75/80. CK'd Mag timing. Changed Brackett Air Filter Element. Removed cleaned & capped Spark Plugs. lubed All controls clw 95-03-02 Brackett Air Filter Gasket. clw 99-27-02 Fuel Selector. I certify this Engine has been inspected in accordance with a 100 hr inspection

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		5MOH		And was determined to be in an Airworthy condition. - End. M. Dutler AP 452272859
				Parts on order nose case seal & control rod bearings. The Auth 440669826 At Pl. A.
29 AUG 01	6439.4	1076.4	5453.2	ENGINE INSPE. J.A.W. A 100 HR INSPE. & WAS FOUND TO BE AIRWORTHY. DRAINED OIL - OIL FILTER 100W 100W AGROSHOL-100W CH 48110 FILTER. ALL CYC. TEST SATISFACTORY ON DIFF. COMP. TEST. (CONT. ON NEXT PAGE)

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1999	6149.9			
3-7-99	782.9			I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND IT TO BE IN AN AIRWORTHY CONDITION. ENGINE CONTROLS LUBRICATED AND INSPECTED. COMPRESSION CHECK SHOWS CYLINDERS AND ALL 70/80 OR ABOVE. ALL SERVICE ITEMS ACCOMPLISHED. ALL AD'S CLW TO DATE. AD 98-02-08 N/A ENGINE NOT SHIPPED FROM CESSNA & WAS O/H'D 1994. NOT OVER 1000 HOURS TIS SINCE MAJOR. AD 98-17-11 NELSON BALANCING AD. N/A. NOT USED. RUN UP OBS LEAK CK. O.K
				TSMO/H
				End
				AD 413272973 EA.

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1999				
4/25	6193.0			Drained oil & removed oil filter & oil screen performed inspection & oil filter & oil sump screen in accordance to Service Bulletin #1492B & have found it to be in compliance. No aluminum was found. Replaced oil sump screen & replaced gasket. inspected oil filter & found it to be in compliance. (No aluminum). Replaced filter & added oil
				End
				AD 576902334

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	5915.0			
12/23/98	SMOH	551.7	7	I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in Air Worthy condition. T. TIME <u>SMOH 551.7</u> JOB No. <u>Hans An</u> NAME and NUMBER <u>HANS HABLIG 572784165 I-A</u> DATE <u>12-23-98</u>

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March 7/99				Tech 6146 hrs Engine opened for complete 100 hr inspection. Intake, exhaust systems, cooling baffles & trim, accessories, fuel system, engine controls, Prop, inspected. Regular service items accomplished by owner. Compression test all over 70/80. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. AR Burnett A#1347772 AD 98-01-06 Carb has V stamp + MF. Burnett A#1347772

DATE 19 <u>96</u>	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.)
6-11-96	5530.5			CHANGED OIL 8 QTS AEROSHELL 15W50 AND FILTER CHAMPION CH48110 Phillip E. Hibler AEP 2165040 IA
9-21-96	5585.1			CHANGED OIL 8 QTS AEROSHELL 15W50 AND FILTER CHAMPION CH48110 Phillip E. Hibler AEP 2165040 IA
12-1-96	5616.8			CHANGED OIL 6 QTS AEROSHELL 15W50 AND FILTER CHAMPION CH48110

DATE 19 <u>97</u>	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.)
12-1-96	5616.8			Comp. Check #1 78/80 #2 74/80 #3 76/80 #4 75/80
	253.5	Smooth -		changed oil and filter. air filter, washed engine run. ok. cleaned plugs. install new MB74 castles. check screws - fuel.
				I HAVE INSPECTED THIS <u>ENGINE</u> I/A/W AN <u>100hr</u> INSPECTION AND DETERMINED IT TO BE IN AIRWORTHY CONDITION THIS DATE.
				<u>Phillip E. Hibler</u> PHILLIP E. HIBLER AEP 2165040 IA

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11-23-94	5378.60			oil change by Aerotech ^{Refer} Invoice 4110340 8 qts AeroShell 15W50 & filter Chris Gifford
4-8-95	5403.5			CHANGE ENGINE OIL Chris Gifford
9-29-95	5453.11			CHANGE OIL + FILTER. Chris Gifford
11-10-95	5442.9	100hr		COMPRESSION #1 76/80 #2 76/80 #3 75/80 #4 78/80 Earl Hubler

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11-15-95	5442.9	TSMOH 79.6 hr		Replaced BRACKET Air Filter, cleaned Fuel Filter & screens I have inspected this ENGINE Flap 100 hr inspection And determined it to be in Airworthy condition this date Phillip E. Hulse A&P# 2165040 ZA
		SEE O/H		
				Oct Bypass Valve 75944 9/12/75 SB CW By inspection.
3-25-96	5487.0			CHANGE OIL + FILTER AeroShell 15W-50 E. Hubler 2165040 A&P

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10-24-94	5363.0		4376.8	This engine installed in Cessna
T.T. Prop	5363.0		172	N19888. Installed new shock
				mts, mt to eng bolts, oil & fuel
				lines. Prop overhauled & installed.
				Cooling baffler repaired as
				necessary. Replaced cooling baffler
				seals. Serviced with 5 qts Phillips
				20-50 mineral oil. Adjusted idle
				& idle mixture.
				I certify that this <u>Engine</u>
				has been inspected in accordance
				with an <u>Annual</u> <u>Terrence Miller</u>
				inspection and was determined <u>IA 1938774</u>
				to be in airworthy condition.

