

The Standard



ENGINE LOG

Right

ENGINE RECORD - GENERAL INFORMATION

April 24, 1979

MANUFACTURER Avco Lycoming Division MODEL Lycoming T10540 J2BD

SERIAL 66288-61A TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N6598L "Navajo Panther" Conversion
Colemill Enterprises, Inc, Nashville, Tenn. 37206

MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

Hartzelle HC-C4YR-2/FC 7663-3DB-6G Propeller S/N Hub FH45
Blade No. 1. E25312 Blade No. 2. E26873 Blade No. 3. E25326 Blade No. 4. E2516

The Standard



ENGINE LOG

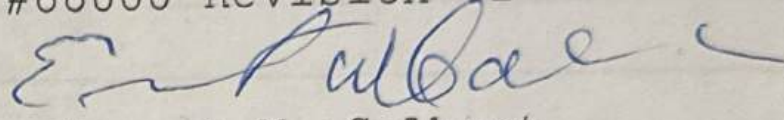
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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19 79
 Apr 26
 70.0
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 00.0
 New

See 337 for details

COLEMILL ENTERPRISES, INC.
 NASHVILLE, TENNESSEE

Installed new Lycoming TIO 540 J2BD engines and Hartzell propellers HC-C4YR-2/FC7663 DB-6Q in accordance with STC SA970S0 and modification Drawing #68000 Revision "B" dated 12/19/77.



Ernest W. Colbert
 A&P 445788

Geo. B. Turman IA
 A&P 161619

Hr. Meter 70.0 hrs
 Date: 4/26/79
 Baggage nose 265 hrs

EVERY TIME THE AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 7713-11-1 INSPECTION AS REQUIRED BY F.A.R. 25 AND WAS DETERMINED TO BE IN AN AIR WORTHY CONDITION
 TOTAL TIME APPROX. 00.0 HRS APR. 26, 1979
 SIGNATURE [Signature]
 INSPECTION AUTHORIZATION NO. 161619

OF
(ES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-9-80				ENGINE TIME IN SERVICE 59 Hrs. REMOVED, INSPECTED AND REINSTALLED EXHAUST SYSTEM FROM ENGINE TO TRANSITION ASSEMBLY. FOUND NO BINDING OR MIS FIT. REMOVED DIFFERENTIAL CONTROLLER AND REPLACED WITH NEW CONTROLLER SIN HDD 136. SET DENSITY CONTROLLER PER AVCO LYCOMING SERVICE INSTRUCTION #1187E. GROUND RUN AND TEST FLIGHT SATISFACTORY. INSTRUCTION END.

The aircraft power plant and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency under work order No. A5279

Date 1-9-80

Signed

for

AVCO LYCOMING DIV. AVCO CORP.
MANUFACTURER'S MAINTENANCE FACILITY # MMF-110-6
WILLIAMSPORT-LYCOMING COUNTY AIRPORT
MONTOURSVILLE, PENNSYLVANIA 17754

REPAIRED / TESTED

At

ITEM DESCRIPTION

Servo Fuel Injector

MFG.

Bendix

MODEL OR TYPE

RSA 10 EDI

PART NO.

2524500-7-6

SERIAL NO.

72037

DESCRIPTION OF WORK ACCOMPLISHED

Completed 13 x 5/16 12591.
Flaw Treated

5-2-80

INSP

JW

WORK ORDER NO.

38787

CUSTOMER:

Hawthorne Avia.

CUSTOMER ORDER NO.

530387

PRECISION AIR INC.

F.A.A. AIR AGENCY NO. 2029

3610 N. W. 41 ST.

MIAMI, FLA. 33142

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
TRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Hawthorne Aviation	Repair Station No. 3666
Charleston, S.C.	Class 3, Radio 1 & 2, Limited Ratings
Hours 80	DATE 5-12-80
AT THE TIME OF THIS INSPECTION IT IS CERTIFIED 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.	
WORK ORDER NO. 8463	DATE 4-30-80
SIGNED <u>Frank B. Radford Jr</u>	

See rear of A/C Log for AD 26+5h Compliance
 10 Jetty Changed Shell W 15-50.
 079-21-8 Bendix Sp. 8591 of 650 Serv
 079-12-8 Turbo Exhaust system insp. before

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__
 RECORDING TACH TIME
 TODAY'S FLIGHT
 TOTAL TIME IN SERVICE

Hawthorne Aviation Repair Station No. 3666
 Charleston, S.C. Class 3, Radio 1 & 2,
 Limited Ratings

HOURS 229 DATE 6-7-82
 AT THE TIME OF THIS INSPECTION IT IS
 CERTIFIED THAT THIS ENGINE HAS BEEN
 INSPECTED IN ACCORDANCE WITH A Annual
 INSPECTION AND WAS DETERMINED TO BE
 IN AIRWORTHY CONDITION.
 WORK ORDER NO. 4294 DATE 6-1-82
 SIGNED Frank B. Beckman, Jr.

Oil & Filter Changed Shell 15-50 Oil. Differentiated Pieces
 80# / ① 74 ② 73 ③ 74 ④ 70 ⑤ 75 ⑥ 72
 C/W Lycoming Kit per SB-398 3 piece Exhaust system on
 O.A. side. See compliance sheet in rear of O/C Log
 C/W AD 82-11-5, Bendix SB 617, by installation of a new
 internal gears of late type. 107-382910-13 P86LN-2730
 S/P 22230K.

DATE 19 <u>83</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/10	390.0			Changed oil + filter. Engine serviced with Acumbell 15W 50. Maurice Semmond A+ P 2060784
 				

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE 19__ RECORDING TACH TIME TODAY'S FLIGHT TOTAL TIME IN SERVICE

Hawthorne Aviation Repair Station No. 3666
 Charleston, S.C. Class 3, Radio 1 & 2,
 Limited Ratings

HOURS 302 DATE 7-1-83

AT THE TIME OF THIS INSPECTION IT IS
 CERTIFIED THAT THIS Engine HAS BEEN
 INSPECTED IN ACCORDANCE WITH A Annual
 INSPECTION AND WAS DETERMINED TO BE
 IN AIRWORTHY CONDITION.

WORK ORDER NO. 12669 DATE 6-27-83

SIGNED Frank D. Beckard Inspector

Checked Oil Filter - C/w AD 82-16-5 Exhaust Turbine
 Clamps insp. Installed new clamps AD 82-20-1
 Soft Oil Weight insp. N/A by Inspect. Unit.
 Differential Pressure Check: 80/8
 ① 72 ② 71 ③ 70 ④ 72 ⑤ 72 ⑥ 62
 See rear of C/P log for AD 82-52 Listing

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil & filter. Cleaned and gapped spark plugs. Compression checked #1-76 #2-77 #3-72 #4-78 #5-76 #6-76. Magneto timing checked. C/W AD 82-16-05 on exhaust clamps by inspection I/A/W paragraph B+E. AD 83-22-04 on fuel injection N/A. Prop overhauled to C/W AD 77-12-06</p> <p>I Certify That This engine _____ Has Been Inspected In Accordance With <u>100hr/annual</u> Inspection And Was Determined To Be In Airworthy Condition. Tach Reading <u>479.8</u> Aircraft Total Time <u>2659.8</u> Date <u>7/27/84</u></p> <p style="text-align: right;">Maurice Lemmond A+P 2060784 AI</p>
4/12/85			5353	<p>Changed oil & filter. Engine serviced with Amshell 15W-50. Engine cleaned.</p> <p style="text-align: right;">Maurice Lemmond A+P 2060784</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil + filter. Cleaned + gapped spark plugs. Compression checked all cylinders + 75#. Magneto timing checked. C/W AD 82-16-05R2 on turbo clamps by replacement. New P/N 557-362 clamps installed.</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100 hr / annual</u> inspection And Was Determined To Be In Airworthy Condition. Tach Reading <u>6323</u> Aircraft Total Time <u>2812.3</u> Date <u>8/14/86</u></p>
				<p>T.T.S.M.O.H 562.3</p> <p style="text-align: right;">Maurice Leonard AXP 2060784A5</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil + filter. Cleaned + gapped spark plugs. Compression checked all cylinders + 70/80lbs. Magneto timing checked. Replaced induction air filters to c/w AD 84-26-02. C/w AD 80-20-04 on baffles by inspection.</p>
				<p>Verify that this engine has been inspected in accordance with 100hr/annual inspection and was determined to be in airworthy condition. Tach Reading <u>0286.0</u> Aircraft Total Time <u>3215.0</u> Date <u>12-3-90</u></p>
				<p>Maurice Lamm A+P 2060784AI</p>
5-21-91	315.2			<p>C/w AD 91-08-07 by installing of PIN 02A 21377 fitting.</p>
				<p>Maurice Lamm A+P 2060784</p>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

1991
 6-21 317.3
 Replaced PIN 40310-09 lower exhaust pipe.
 Cleaned oil pressure line to instrument. Adjusted
 pressure relief valve + cleaned. Replaced oil
 filter.
 Maurice Lammard
 A & P 2060784

12-26-91 356.4 ^{From} T.T. 1001.4 R & R OIL Filter PIN CFO-100 R & R OIL
 Nose Hobbs - 1266.4 SW 11 QTS AIS 15W 50. 9W Ad 80-20-04
 Engine Baffle Spals. R & R Air Induction Filter
 PW BA-7 Removed Magneto Replaced Contact
 Points Installed MAG, Timed to Engine
 R & R Upper & Lower MTR Mounts PW 475-116

Complete - 12²⁰/₈₀ 2²⁰/₈₀
 3⁷¹/₈₀ 4⁶⁶/₈₀
 5²²/₈₀ 6²³/₈₀

Date 12-26-91 Total Engine Time 1001.4 I certify this
 Engine has been inspected in accordance with a 100 hr.
 inspection and was determined to be in airworthy condition.

Signature M Lammard A & P No. 41088364

ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs,
 checked compression, checked fuel system, drained sumps, checked
 starter and generator brushes, checked mags and timed properly,
 checked prop for leaks and grease, functionally checked engine.

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/1	497.9			<p>Changed oil + filter. Serviced with Phillips 20W 50.</p>
				<p>Maurice Lemmond A+P 2060784</p>
				<p>Engine removed & replaced after overhaul. See tags on the following pages. Serviced with Aircraft 100W Mineral oil. Checked for leaks and approved for return to service.</p>
				<p>I certify that this engine was inspected in accordance with 100hr/annual inspection and was determined to be in airworthy condition. Tach Reading <u>551.6</u> Aircraft Total Time <u>3478.6</u> Date <u>5/2/94</u></p>
				<p>Maurice Lemmond A+P 2060784</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

Lycoming TIO-540-J2ED S/N L6288-61A

Major Overhauled Lycoming TIO-540-J2ED engine S/N L6288-61A. Exchanged cylinder w/Factory New P/N 05K21108. Exchanged magneto w/TCM P/N 10-682910-13 S/N L139301GR. Replaced harness w/new Slick Model M2918. Overhauled BX Servo Fuel Injector Model RSA10ED1 P/N 2524500-8 S/N 72037. Overhauled Pomec Fuel Pump P/N RG9080J7A S/N D-1829-019. Fabricated and pressure tested new Lines & Hoses. Governor overhauled m/n 210707 S/N 1581791-0 C/N SB 33531A, 33560, 33571A bench checked and tested by F&H. C/N AD 91-14-22, AD92-12-05, AD93-02-05. Repaired exhaust system by Dawley. Engine reassembled according to Lycoming overhaul manual and FAA regulations.

This engine and/or component is approved for return to service. All pertinent details on file this repair station.

TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M

Signed: *Othman M. Rasheed* Date *4-20-24*

DATE 19__	RECORDING TACH TIME	TODAY FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Test run Lycoming TIO-540-J2ED engine S/N L-6288-61A, 2 hours,
15 minutes, RPM 2575, oil pressure 80 lbs., oil temperature
190°F, CHT 390°F, mag drop at 2100 RPM, L 75 RPM, R 75 PPM.
Compression test cylinder #1 78/80 #2 78/80 #3 78/80 #4 76/80
#5 78/80 #6 78/80. See W.O. # 7818 for details.

This engine and/or component is approved for
return to service. All pertinent details on file
this repair station.

TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R4437

Signed: *Othman M. Rashad* Date *4-20-84*

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Changed oil + filter. Serviced spark plug. Compression checked all cylinders + 70th. Magneto timing checked. Cleaned engine.

TSMOH 165.2

I Certify That This engine Has Been Inspected In Accordance With 100 hr Inspection And Was Determined To Be In Airworthy Condition. Tach Reading 716.8 Aircraft Total Time 3643.8 Date 8/10/96

Maurice Lemmond
Maurice Lemmond
 A & P 2060784A1

Maurice Lemmond
 A & P 2060784A1

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/15/97	769.3			<p>Changed oil + filter. Cleaned engine.</p> <p>Maurice Leonard AIP2060784 AI</p>
	788.1			<p>Cleaned and gapped spark plugs. Compression checked #1-76 #2-76 #3-76 #4-77 #5-77 #6-76. Checked magneto timing. Replaced valve cover gaskets on all cylinders.</p>
				<p>I certify this engine has been inspected in accordance with a 100 hr inspection and determined to be in airworthy condition.</p> <p>Maurice Leonard AIP2060784</p>

DATE 2001 1/19	RECORDING TACH TIME 918	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil + filter, serviced spark plugs Compression checked #1-75 #2-72 #3-71 #4-74 #5-71 #6-71 Magneto timing checked - Replaced induction air filter CWAD98-18-02 on fuel pump by checking torque.</p>
				<p>I certify this engine has been inspected in accordance with a 100hr/annual inspection and was determined to be in airworthy condition.</p>
				<p>TT 918 A/TT 3845.0 5MOH 366.4</p>
				<p>Changed oil + filter, serviced with Aeroshell 100 Plus.</p> <p>T5MOH 388.1</p>

Maurice Lemmond
AIP 2060784

Maurice Lemmond
AIP 2060784

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil and filter. Serviced spark plugs. Compression checked all cylinders + 70lbs. Magneto timing checked. Replaced air filter. C/W #98-18-02 on fuel pump by checking torque</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr/annual</u> Inspection And Was Determined To Be In Airworthy Condition. Tach Reading <u>949.1</u> Aircraft Total Time <u>3876.1</u> Date <u>2/21/02</u></p>
				<p>TSMOH 397.5</p> <p style="text-align: right;"> <u>Maurice Lemmond</u> Maurice Lemmond A & P 2060784AI </p>

DATE 2003 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/7/03				<p>Changed oil and filter. Serviced with Aeroshell 100 plus. Serviced spark plugs. Compression checked #1-77 #2-78 #3-77 #4-79 #5-78 #6-78. Replaced induction air filter. C/w AD 2002-26-01 on fuel injector lines by inspection</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr</u> Inspection And Was Determined To Be In A <u>worthy</u> Condition. Tach Reading <u>1007.9</u> Aircraft Total Time <u>3134.9</u> Date <u>3/7/03</u></p>
				<p>TSM04 456.3 Maurice Lemmond Maurice Lemmond A & P 2060784A1</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil and filter. Serviced with Aeroshell 100 plus. Serviced spark plugs. Compression checked #1-78 #2-78 #3-78 #4-78 #5-78 #6-78. Mag timing checked. Replaced induction air filter and right exhaust pipe P/N K 40310-10. Clw AD 2003-26-01 on fuel injector lines by inspection. Clw AD 2003-14-03 on rotary fuel pump by visual inspection</p> <p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr/annual</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>1042.2</u> Aircraft Total Time <u>3910.4</u> Date <u>3/19/04</u></p> <p>Maurice Lemmond A & P 2060784AI</p> <p>TSMOH 490.6</p> <p><i>Maurice Lemmond</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil and filter. Serviced with Aeroshell 100 plus Replaced all spark plugs. Compression checked #1-76 #2-76 #3-70 #4-75 #5-60 #6-74. Mag timing checked. Clw AD 93-23-13 by inspection of engine baffles Clw AD 2002-26-01 on fuel injection lines by inspection Clw AD 2003-14-03 on rotary fuel pump by inspection</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr/Annual</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>1079.2</u> Aircraft Total Time <u>3947.4</u> Date <u>3/18/05</u> Maurice Lemmond A & P 2060784AI</p> <p style="text-align: right;"><i>Maurice Lemmond</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil and filter. Serviced with Aeroshell 100w. Serviced spark plugs. Compression checked #1-77 #2-78 #3-76 #4-78 #5-76 #6-78. Magneto timing checked. Clw AD 93-23-13 on baffles by inspection clw AD 2002-26-01 on fuel injection lines by inspection clw AD 2003-14-03 on fuel pump by inspection. Replaced LW 18759 Alternator idler support bracket. Replaced bearing on idler pulley</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr/Annual</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>1103.5</u> Aircraft Total Time <u>3971.7</u> Date <u>4/19/06</u> Maurice Lemmond A & P 2060784AI</p>
				<p>Maurice Lemmond</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				<p>Changed oil and filter. Serviced with Aeroshell 100W Serviced spark plugs, Compression checked #1-75 #2-75 #3-74 #4-75 #5-74 #6-75. Magneto timing checked. Replaced induction Air filter. Clw AD 2002-26-01 on fuel lines by inspection. Clw AD 2003-14-03 on fuel pump by inspection</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100h/Annual</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>1142.2</u> Aircraft Total Time <u>4010.4</u> Date <u>8/14/07</u> Maurice Lemmond A & P 2060784AI</p>
				<p>TSMOH 531.8</p> <p style="text-align: right;">Maurice Lemmond</p>

DATE 2008 79	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/08	1164.6		4032.8	<p>Changed oil and filter. Serviced with Aeroshell 100W50. Serviced spark plugs. Compression checked #1-71 #2-75 #3-71 #4-75 #5-75 #6-74. Magneto Timing checked. CW AD 2003-14-03 on fuel pump by torque check inspection. CW AD 2008-14-07 on fuel on fuel injection lines by inspection.</p>
				<p>I Certify That This <u>engine</u> Has Been Inspected In Accordance With <u>100hr/Annual</u> Inspection And Was Determined To Be In Airworthy Condition. Tach Reading: <u>1164.6</u> Aircraft Total Time <u>4032.8</u> Date <u>9/08/08</u> Maurice Lemmond A & P 2060784AI Maurice Lemmond</p>

DATE 2011	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4/13	1203.0		4071.8	<p>Changed oil and filter, serviced with Aeroshell 100 plus. Compression checked #1-75 #2-78 #3-76 #4-78 #5-62 #6-77. Magneto timing checked. Replaced crankshaft seal PIN LW15628. Replaced induction air filter. C/w AD 2008-14-07 on fuel injection lines by inspection.</p>
				TSMOH 593.2
				<p>I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>100hr/ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition, Tach Reading: <u>1203.0</u> Aircraft Total Time <u>4071.8</u> Date <u>4/13/11</u></p>
				<p>Maurice Lemmond A & P 2060784AI <i>Maurice Lemmond</i></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
13				
11/01	1222.9		4097.7	<p>Changed oil and filter. Serviced with Aeroshell 100 plus. Serviced spark plugs. Compression checked #1-$\frac{73}{80}$ #2-$\frac{78}{80}$ #3-$\frac{73}{80}$ #4-$\frac{78}{80}$ #5-$\frac{76}{80}$ #6-$\frac{78}{80}$. #5 cylinder was removed and repaired by Triad Aviation. Cylinder was replaced using new seals and gasket (also by coming M/M. New rings were installed. Replaced Turbo Transion P/N LW-12437PN. CLWAD 2003-14-03 on fuel pump by inspection. CLWAD 2011-26-04 on fuel injection lines by inspection.</p>
				<p>TSMOH 671.3</p>
				<p>I Certify That This Engine _____ Has Been</p>
				<p>Inspected In Accordance With <u>100 hr/Annual</u></p>
				<p>Inspection And Was Determined To Be In</p>
				<p>Airworthy Condition, Tach Reading: <u>1222.9</u></p>
				<p>Aircraft Total Time <u>4097.7</u> Date <u>11/01/13</u></p>
				<p>Maurice Lemmond</p>
				<p>A & P 2060784AI</p>
				<p>Maurice Lemmond</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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ENGINE MODEL:
TIO-540-J2BD
ENGINE S/N (R):
L-6288-61A
REG. NO: N6598L
WORK ORDER: 20908



Aerodyne Corporation

Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 7/9/2015
A/C TSN: 4181
ENG TT (R): 1306.2
TSMOH (R): 754.6
HOBBS: 1306.2

Right Engine Entries

(2) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Tempest AA48110-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory.....(3)
Troubleshoot customer report of oil leak from front of right engine. Removed right propeller. Found crankshaft seal installed without adhesive to prevent rotation of seal. Installed new crankshaft seal. Installed new prop governor idler shaft plug gasket. Cleaned engine. Reinstalled propeller. Operational and leak check satisfactory.

The article identified hereon was inspected and repaired in accordance with ^{1 of 1} current Federal Aviation Regulations, was found to be airworthy for the work performed and is approved for return to service.

DATE: 7/9/2015

SIGNED:

Work Order: 20908

J.R. Smith
Certified Repair Station No. HO1R-199K

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544

Hobbs: 1391.46 AFTT: 4266.4
RETT: 1391.46 TSO: 839.86

N6598L

Feb 3, 2016

I certify this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Engine cylinder compressions: 1/72, 2/75, 3/75, 4/76, 5/78, 6/76. Drained oil and removed filter no contamination found. Serviced with 10 quarts of Phillips XC 20W50 and installed new CH48103-1. All operation and leak checks satisfactory.

Ronald L. Hawkins AP2705318

HOVA Flight Services
11152 Air Park Road
Ashland, VA 23005
(804) 798-6500

Date: 8/23/2016; Aircraft: N6598L; Type: NAVAJO; Hobbs:; Tach: 1505.80;
Total Time:; Engine - Type: , S/N:; Time:; SMOH:; Prop - Type: , S/N:; Time:
SMOH:

Drained oil and removed oil filter on left and right engines. replenished each engine with 10 quarts of Phillips XC 20W50 oil and installed a CH48103 oil filters on left and right engine. Removed left magneto spark plugs on left engine and tested satisfactory; plugs were clean with very little deposits of lead. Performed engine run-up. Oil pressure verified. Mag on left engine indicated left 75 and right 50 rpm drop. No oil leaks present at this time.
Stephen M. Leo Ap3678028

• 1/24/17

N6598L • HOBBS:

Drained oil and removed oil filters on LH/RH engines. Cut open and inspected filters. No defects noted. Installed new oil filters (CH48103) and serviced each engine with 12 qts Phillips X/C 20W50. Ran engine on ground and no leaks detected.

Cynthia Nolan AP3132074IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

ENGINE MODEL:
TIO-540-J2BD
ENGINE S/N (R):
L-6288-61A
REG. NO: N6598L
WORK ORDER: 22267



Aerodyne Corporation
Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 3/4/2019
A/C TSN: 4620.5
ENG TT (R): 1745.7
TSMOH (R): 1194.1
HOBBS: 1745.7

Right Engine Entries

(3) Completed right engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1-78/80, #2-78/80, #3-78/80, #4-78/80, #5-78/80, #6-50/80 (see Item #25). Checked ignition timing. Cleaned engine.....(6) Complied with AD 2003-14-03 "Rotary Fuel Pump Leaks" by inspection of left and right engine rotary fuel pumps p/n: RG9080J7A. No leaks noted. Inspection due every 50 hours.....(9) Complied with AD 2013-10-04 "Engine Exhaust System" by inspection of the left and right engine exhaust systems. No defects noted. Inspection due every 60 hours or 6 months whichever comes first.....(10) Complied with AD 2015-19-07 "Lycoming Engine Fuel Injector Lines" by inspection of the lines and clamps on the left and right engines in accordance with the text of the AD and Lycoming MSB 342G. Replaced fuel injector lines on right engine cylinders 2 & 4 due to cracks.....(25) Removed #6 cylinder from right engine due to low compression, leak by exhaust valve. Disassembled, cleaned and inspected cylinder. Found cylinder bore to be excessively worn and exhaust port face excessively eroded. Cylinder rejected for repair. Installed Superior cylinder assembly p/n: SL54002-A21P, s/n: E31L with new piston ring set and associated gaskets and seals. Engine ground run and leak check satisfactory.....(26) Changed right engine oil and filter. Installed 10 quarts of Phillips 20W-50 oil and Champion CH48103-1 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory.....(27) Installed new right engine air induction filter element BA7.....(28) Installed 12 new URHB37E spark plugs on right engine.

The article identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 3/4/2019

SIGNED:

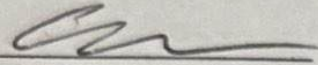
Work Order: 22267

J.R. Smith
Certified Repair Station No. HO1R-199K

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RT Engine Log	N6598L	Page 1 of 1
10/11/2019	TSO 1225.7	Hobbs 1769.4

1. Drained oil and refilled with 12 qts Phillips 20W50XC.
2. Inspected and replaced filter.

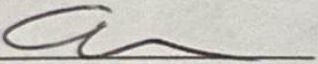
Inspector:  Certificate #AP2636560 IA
Allen Campbell

ATIONS, TESTS, REPAIRS AND ALTERATIONS
TH NAME, RATING AND CERTIFICATE NUMBER OF
(SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

RT Engine Log	N6598L	Page 1 of 1
5/27/2020	TSO 1229.3	Hobbs 1773.0

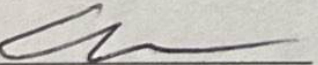
Compressions #1)62 #2)68 #3)70 #4)66 #5)75 #6)71 Checked magneto to engine timing. CW AD 15-19-07 Fuel injector lines. Next due Hobbs 1883.0.

This engine has been inspected IAW an Annual Inspection and was found airworthy on this date.

Inspector:  Certificate #AP2636560 IA
Allen Campbell

RT Engine Log	N6598L	Page 1 of 1
7/16/2020		Hobbs 1808.8

Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.

Inspector:  Certificate #AP2636560 IA
Allen Campbell

RT Engine Log N6598L Page 1 of 1

10/20/2020 Hobbs 1845.8

Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.

Inspector: Allen Campbell Certificate #AP2636560 IA

NUMBER OF ENTRIES.)

RT Engine Log N6598L Page 1 of 1

12/30/2020 Hobbs 1880.6

Drained oil and refilled with 11 qts. Phillips 20W50XC. Inspected and replaced filter. Run up and leak check ok.

Inspector: Allen Campbell Certificate #AP2636560 IA

RT Engine Log N6598L Page 1 of 1

3/27/2021 AFTT 4768.9
ETT 2504.9 Hobbs 1894.0

Removed this engine SN L6288-61A from N6598L PA31-300 SN 31-483 for overhaul.

Inspector: Allen Campbell Certificate #AP2636560 IA

