

PREMIER AIRCRAFT

ENGINE MAINTENANCE RECORDS

Engine Manufacturer: Continental

Model: IO-550-N(27)

Serial No: 917589

Recommended TBO: 2000 Hours 12 Years

Aircraft Registration No: _____

Date Installed on Aircraft: _____

If used on multi-engine aircraft: ☐ Left ☐ Right ☐ Front ☐ Rear

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, Oregon 97060
Phone: (503) 661-4184 Fax: (503) 667-4052

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Manufacturer	Continental	Total Time	769.5
Model Number	IO-550-N (27)	TSMO	0.0
Serial Number	917589	Tach Time	769.5

Date 8 Apr 2014
WO Number 12889

This engine was overhauled in accordance with Continental Manual M-16, Change 0, dated 31 Aug 2011. See following list of parts installed. Engine was run on a test stand.

The fuel injection system MUST be adjusted in accordance with the latest engine and airframe manufacturer's instructions when this engine is installed in the aircraft.

Accessories

Description	Model Number	Part Number	Serial Number	Condition
Left magneto	S6RSC-25	10-500556-1	D04LA073	0.0 hours since overhaul.
Right magneto	S6RSC-25	10-500556-1	D04LA212	0.0 hours since overhaul.
Throttle /	-	R653353-5	A14BA097R	0.0 hours since factory rebuilt by CMI, WO 385300, 21 Feb 2014.
Fuel pump	-	R655921-6A1	B14BA107R	0.0 hours since factory rebuilt by CMI, WO 385300, 21 Feb 2014.
Manifold valve	-	R646433-5A5	C14BA067R	0.0 hours since factory rebuilt by CMI, WO 385300, 21 Feb 2014.
Oil cooler	-	654585	K04-2147-1543	0.0 hours since overhaul by Pacific Oil Cooler, RS RF3R813L, WO 99314, 17 Feb 2014.
Starter	-	C24ST5	4C5-471333	0.0 hours since new. Manufactured 03 Dec 2013.
Governor	-	C290D3R/T23	041762	0.0 hours since overhaul by Wings West Governor, RS YVWR314L, WO WW23281, 19 Feb 2014.

Service Information

Service Bulletin	Subject	Compliance
M91-9	Start up lubrication	Lubricated the camshaft and lifters with Molykote G-n.
M92-9	Thru bolt torque	Installed 12pt nuts. Torqued 790-810 inch pounds.
M93-8	Rocker arm clearance	Rocker arm clearance exceeds .020".
SB96-3B	Bolt inspection	Not applicable by crankshaft gear bolt part number.
SB96-7C	Torque limits	Used the correct torque limits.
SID97-4D	Piston and rings specs.	Correctly fit the pistons and rings.
SB00-3A	Crank, ctw's & rods	Inspected the crankshaft, counterweights and connecting rods. Crankshaft assembly and two rods were new.
MSB00-5D	Crankshaft inspection	Not applicable by the crankshaft serial number.
639	Impulse couplings	Correctly installed the impulse couplings.
CSB01-1	Fuel pump leak	Not applicable by date of factory rebuilt fuel pump.
CSB08-3C	Throttle & mixture	Inspected. Stainless steel levers are installed.
CSB12-1	641909 lock tabs	Not applicable by engine serial number. Verified lock tabs were correctly installed.
CSB664	Capacitor	Installed a new "red" capacitor.
CSB665A	Capacitor	Not applicable by capacitor date code.
CSB668	Harness installation	Correctly installed a new CMI ignition harness.
M92-7	Case stud heights	Inspected cylinder deck stud heights in the crankcase.
MSB09-8A	Hydraulic lifters	Not applicable by hydraulic lifter part number.
MSB94-8D	Magneto timing	Correctly timed the magnetos to the engine.
MSB96-10A	Ultrasound inspection	Installed a new crankshaft assembly.
MSB99-3C	Crankshaft inspection	Not applicable by crankshaft serial number.
SB00-10	Fuel pump seal	Not applicable by date of factory rebuilt fuel pump.
SB04-10	Piston marking	Pistons were not position marked.
SB05-8A	656818 camshaft gear	Installed a part number 656818 camshaft gear.
SB06-1A	Fuel injection nozzles	Not applicable by date or nozzle part number.
SB07-1	Connecting rod	Correctly installed connecting rod bushings.
SB08-13	Induction sys	Correctly installed induction system hoses and clamps.
SB08-4	Fuel system	Caution was taken to keep the system clean during assembly.
SB09-7	Pushrod tube seals	Not applicable by seal date.
SB643B	Magneto insp. intervals	Magnetos were overhauled at this time.
SB653	Hot magneto test	Completed a hot magneto test - no defects noted.
SB658	Distributor gear maint	Correctly inspected and maintained the distributor gears.
SB94-2	Oil filter stud	Installed new new part number 653490 oil filter stud.
SB97-11	Rocker arm bushings	Correctly installed new rocker arm bushings.

Continued on the next page.

Continued from the previous page.

Service Information

<u>Service Bulletin</u>	<u>Subject</u>	<u>Compliance</u>
SB97-6B	Mandatory replacement	Replaced all parts specified in this Service Bulletin.
SIL00-11B	Cylinder port drain	Part number 655742 cylinder induction port drain connectors are installed.
SIL00-7A	Oil dipstick	The correct oil dipstick was installed.
SIL03-2C	Spark plugs	Installed new approved spark plugs.
SIL06-3	Crankshaft gear bolts	Installed new part number 656990 bolts.
SIL13-3	Fuel nozzle o ring	Not applicable by nozzle part number.
SIL93-15	Lock wire	Correctly safety wired and installed lock tabs as applicable.
SIL99-2B	Sealants & lubricants	The correct sealants, lubricants, and adhesives were used during assembly.

Airworthiness Directives

Engine

<u>AD Note</u>	<u>Amend #</u>	<u>Dated</u>	<u>R</u>	<u>Subject</u>	<u>Compliance</u>
86-13-04	39-5850	02/24/1988	Y	Cylinders	Inspected. Not applicable by cylinder part number. <u>No further action is required by this AD.</u>
88-03-06	39-5888	04/15/1988	N	TCM oil filter	Inspected in accordance with paragraph (a). Not applicable by oil filter part number.
91-19-03	39-8030	09/29/1991	N	Champion oil filter	Inspected in accordance with paragraph (a). Not applicable by oil filter part number.
93-10-02	39-8603	08/12/1993	N	Valve retainers	Inspected. Installed new CMI cylinders. Not applicable by manufacture and purchase date.
99-19-01	39-11290	09/30/1999	N	Crankshaft inspection	Inspected in accordance with paragraph (a). Not applicable by crankshaft serial number.
2000-23-21	39-11994	12/12/2000	N	Crankshaft inspection	Inspected. The crankshaft in this engine is not affected by engine or crankshaft serial number per Service Bulletin MSB00-5D.
2004-08-10	39-13579	05/05/2004	N	ECI Cylinders	Not applicable by cylinder manufacturer. Installed Continental cylinders.
2007-16-10	39-15149	08/23/2007	N	Turbocharger	Inspected in accordance with paragraph (c)(2). Not applicable. No turbocharger installed.
2010-11-04	39-16309	06/16/2010	N	Hydraulic lifters	Inspected. Did not install affected part number lifters in accordance with paragraph (i).
2012-10-13	39-17062	06/08/2012	N	Starter adapter failure	Inspected in accordance with paragraph (c). Not applicable by starter adapter part number.
2014-05-29	39-17801	04/25/2014	Y	Superior cylinders	Inspected in accordance with paragraph (c). Not applicable. No Superior cylinders are installed. <u>AD Note requires no further inspection.</u>

Fuel Injection

2012-03-06	39-16947	02/24/2012	N	Servo diaphragm	Inspected per paragraph (c). Not applicable. A CMI rebuilt fuel system was installed.
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Magneto

74-26-09	39-2050	12/24/1974	N	Solid steel drive	Inspected. Not applicable. Part is not used in these magnetos.
82-20-01	39-4658	06/14/1983	N	Impulse flyweights	Tested impulse flyweight hardness and inspected pins. Found acceptable on both magnetos.
94-01-03	39-9271	06/28/1995	N	Coil and rotating	Inspected both magnetos. Not applicable by magneto model and part number.
94-06-09	39-8895	05/20/1994	N	Capacitors	Installed a new capacitor in both magnetos. Not applicable by date code.
2005-12-06	39-14122	07/19/2005	Y	Impulse coupling	Inspected both magnetos in accordance with paragraph (c). Not applicable by engine model. <u>No further action is required by this AD.</u>

Oil Filter Adapter

96-12-22	39-9665	07/31/1996	Y	Oil filter adapter	Not applicable by part number. <u>No further action is required by this AD.</u>
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The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 12889.

Date: 8 Apr 2014

Signed



Inspector for Premier Aircraft RS JZYR537L.

List of Parts Installed for Work Order No.: 12889

Qty	Part Number	Description	Qty	Part Number	Description
6.0	10-102083	Screw	12.0	652963	Rocker Bushing
8.0	10-157160	Screw	24.0	653188	Rocker Washer
2.0	10-163374	Felt Strip	1.0	653359	Fuel Pump Drive Coupling
2.0	10-349263	O Ring	1.0	653415	Gasket
2.0	10-357586	Large Gear Kit	1.0	653470	Starter Adapter Gasket
4.0	10-35935-6	Screw	2.0	653487	Gasket
4.0	10-35936-7	Screw	1.0	653490	Oil Filter Stud
4.0	10-35937-8	Screw	1.0	653981	Gasket
2.0	10-3793	Lock Washer	2.0	654012	Gasket
2.0	10-382584	Breaker Contact Assembly	6.0	654439-2	Hose
2.0	10-391213	Screw	8.0	654490	Rod Nut
2.0	10-400554	Oil Seal	4.0	654587-.44	Bolt
2.0	10-400615	Capacitor	1.0	654828	Gasket
1.0	10-423674-19	Ignition Harness	4.0	655269	Rubber Magneto Drive Bushing
2.0	10-50752	Felt Washer	1.0	655546	Gasket
2.0	10-51324	Impulse Coupling Spring	12.0	655705	Gasket
2.0	10-51678	Oil Slinger	1.0	655911	Connecting Rod Assy W/Bolts & S/N: AE13HA976
2.0	10-81806	Bearing	1.0	655911	Connecting Rod Assy W/Bolts & S/N: AE13HA964
2.0	10-90751-18	Cotter Pin	8.0	655958	Rod Bolt
2.0	2-202	Bearing	1.0	656818	Camshaft Gear
2.0	20202	Washer	6.0	656990	Crankshaft Bolt
6.0	24764	Stud	1.0	658178A2	Cylinder Assembly S/N: AC14AA200
1.0	501867	Lock Tab	1.0	658178A2	Cylinder Assembly S/N: AC14AA086
24.0	501868	Lock Tab	1.0	658178A2	Cylinder Assembly S/N: AC14AA005
1.0	502287-3	Snap Ring	1.0	658178A2	Cylinder Assembly S/N: AC13LA855
1.0	521649-3	Snap Ring	1.0	658178A2	Cylinder Assembly S/N: AC14AA019
4.0	530658	Rod Bushing	1.0	658178A2	Cylinder Assembly S/N: AC13LA655
12.0	534610	Packing	1.0	AE3663161E0072	Hose Assembly
1.0	534685	Bearing	1.0	AE3663161G0080	Hose Assembly
1.0	625966	Gasket	1.0	AE3663161H0144	Hose Assembly
6.0	630046	Piston Pin	1.0	AE3663162E0105	Hose Assembly
12.0	630286	O Ring	1.0	AE3663162E0180	Hose Assembly
1.0	630680	Bearing	1.0	AE3663163E0140	Hose Assembly
1.0	630899	Bearing	8.0	AS3578-016	O Ring
1.0	630979-24	O Ring	1.0	C24ST5	Starter S/N: 4C5-471333
16.0	630979-9	O Ring	1.0	CH48109-1	Oil Filter
1.0	632224	Baffle	1.0	EQ7003	Cam & Lifter Kit 654084A1 Camshaft, S/N: 658077 Hydraulic Lifter, S/N: NAS 658088 Hydraulic Lifter, S/N: NAS
6.0	633958-2	Seal	10.0	ES10-157158	Screw
1.0	634150	Oil Pressure Spring	24.0	MS20500-428	Nut
4.0	634511	6pt Nut	1.0	MS35756-8	Woodruff Key
6.0	640612	Rubber Washer	4.0	MS35769-11	Crush Washer
6.0	641066	O Ring	1.0	MS35769-12	Crush Washer
1.0	641250	Crankshaft Seal	1.0	MS35769-15	Crush Washer
1.0	641368	Bearing	1.0	MS35769-26	Crush Washer
2.0	641909	Lock Plate			
8.0	641931-10.75	Thru Bolt			
12.0	642398	Rod Bearing			
1.0	642892	Gasket			
2.0	646256	Washer			
1.0	646416	Bumper			
1.0	646592A2	Main Bearing Set			
6.0	646605	Nut			
4.0	649205	Bolt			
1.0	649900	Crankshaft Assembly S/N: N12IA009			
1.0	649949	Gasket			

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
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List of Parts Installed for Work Order No.: 12889

Qty	Part Number	Description	Qty	Part Number	Description
6.0	649950	Gasket	12.0	MS35842-13	Clamp
2.0	649954	Gasket	1.0	MS9970-116	O Ring
2.0	649961	Gasket	1.0	MS9970-117	O Ring
1.0	649965	Gasket	2.0	NAS1805-4	Lock Nut
1.0	649982	Gasket	2.0	R649053A5-12	Factory Rebuilt Fuel Injection Sys
1.0	649989	Gasket			R653353-5 Throttle Body, S/N:
1.0	649991	Gasket			R655921-6A1 Fuel Pump, S/N:
1.0	652094	Gasket			R646433-5A5 Manifold Valve, S/N:
40.0	652422	Gasket	12.0	RHB32S	Spark Plug
6.0	652458	Nut	1.0	S539800M015	Starter Adapter Clutch Spring
12.0	652541	Exhaust Gasket	1.0	X13041	Bearing
1.0	652887-5.31	12 Point Base Nut	6.0	X1473	Washer
1.0	652887-6.19	Thru Bolt			
		Thru Bolt			

Date: 4/15/2014; Aircraft: N809RJ
Tach: 769.7 - Removed engine for Teardown and Inspection. Re-installed using new motor mounts and fluid bearing hoses. Removed supercharger previously issued per Bar Air, LLC, STC SE10926SC. Installed new air filter, pn BA24. Inspected engine and exhaust system. Test run OK. Ops and leak checks OK. Annual inspection completed as per Cirrus maintenance manual, Chapter 05-20, pages 3 thru 17 and FAR 43 app. D
William N. Gough
AP541569635 IA

4/15/14
that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in good condition. Applicable A. D. 2-14-14 complied with time (or tach reading) 769.7
WV A & P # 5415696354

ENGINE MODEL IO-550N
ENGINE S/N: 917589
REG NO: 809RJ
WORK ORDER: 5173

Troutdale Aircraft Services, Inc.

1250 NW Perimeter Way
Troutdale, OR 97060
Phone: 503-666-3838

Engine Entries

- 3 Replaced engine oil cap gasket with new thicker gasket to allow more secure fit.
- 14 Repositioned FWD engine lift ring to prevent interference with alternate air control. Adjusted alternate air control cable and air box position to allow full travel and proper operation.
- 16 Checked tightness of pipe plug in bottom aft of oil cooler where not safetied, and found plug to be tight. Installed Safety wire.
- 17 Replaced breather hose from engine to air oil separator with new and secured with Adel clamps at #2 induction tube.
- 22 TCM - C/W SID 97-3E dated 06-17-08 Procedures and specifications for the adjustment of TCM continuous flow fuel injection systems.

Items listed above have been inspected and or repaired in accordance with current federal aviation regulations and were found OK for return to service. See actual work order for any discrepancies.

DATE: 4/18/2014

SIGNED:

Scott Kenney, IA: 543760444 IA

Work Order: 5173

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DATE: 4/18/2014
A/C TSN 770.2
ENG TT 739
TSMOH.
HOBBS 770.2

Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
				Date: 6/12/2014; Aircraft: N809RJ Hobbs: 781.5 - Drained engine oil, removed and cut filter. Collected oil sample. Installed new filter pn CH48103-1 and safety wired. Refilled sump with 8 qts. of Phillips 20w50M oil. Ground ran for leak check, no leaks noted at this time. William N. Gough AP541569635

7777 NE Airport Way
Portland, Oregon 97218
FAA CRS#: FCPR831D

FLIGHTCRAFT

Log Entry Type: Engine Reg#: N809RJ Model: IO-550-N27 S/N: 917589
Hobbs: 793.0

Complied with the following maintenance items:

Sqk Work Performed

- | | |
|-----|---|
| 1.1 | Complied with Cirrus Certified SR2X Pre buy Checklist Rev 1 Dated 3/1/2010 A list of discrepancies has been provided to the aircraft owner. |
| 1.1 | Performed oil change and installed new filter P/N CH48109-1. Took oil sample and sent for analysis. Opened filter and inspected for any abnormal debris, none found. Serviced engine with 8 quarts of Aeroshell W100 oil. Performed ground run, no leaks noted. Work performed IAW Cirrus SR22 MM Rev. B4 Ch 12-10. |

This certifies that only work requested by the customer under W.O.# PDX-14-1960 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations, is airworthy, and is approved for return to service with respect to the work performed. END

Flightcraft Portland CRS# FCPR831D:

Date: 10/09/2014


John D. Mills

Date

Tot:
Tim
In
ServiENGINE MODEL:
ENGINE S/N:
REG NO: N809RJ
WORK ORDER: 00001467**TDL Aero Enterprises**Repair Station No. 7TLR012B
44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300DATE: 2/17/2015
A/C TSN: 827 9
ENG TT: 827 9
TSMOH: 48 8
TACH: 827 9g the signature
on/facility**Engine Entries**

Perform SID 97-3E Removed, cleaned and reinstalled fuel injectors... REMOVED EGT #1 CLAMP AND REPLACED WITH NEW... REMOVED, CLEANED, PRESSURE CHECK, RE-INSTALLED SPARK PLUGS

Maintenance Release

The aircraft and/or component(s) on N809RJ was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service

DATE: 2/17/2015

SIGNED:

Chris Parage

Certified Repair Station No. 7TLR012B

Work Order: 00001467

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ENGINE MODEL:
ENGINE S/N:
REG NO: N809RJ
WORK ORDER: 00001514**TDL Aero Enterprises**44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300

1 of 1

DATE: 7/1/2015
A/C TSN: 838 6
ENG TT: 838 6
TSMOH: 59 5
TACH: 838 6**Engine Entries**

IAW A Annual inspection REMOVED COWLING, DRAINED OIL, REMOVED AND REPLACED OIL FILTER, FILTER INSPECTED, Compressions are (1)76/80(2)78/80(3)78/80(4)76/80(5)77/80(6)70/80; SERVICED WITH AERO SHELL 100W, DEGREASED Engine, RUN UP LEAK CHECK COMPLETED, REINSTALLED COWLING...No leaks noted at this time.... Performed SID 97-3E, Fuel system set up, adjusted fuel pressure per CMI service bulletin dated 2013-05-10,... Removed SIX (6) Continental factory fuel nozzles, Replaced with new SIX (6) GAMI fuel injectors Under STC #SE09963SC dated SEP-12-2001, Test flight needed to complete install... 337 form submitted for GAMI injector install

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition

DATE: 7/1/2015

SIGNED:

Tom Lopes, IA: 572492099

Work Order: 00001514

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ENGINE MODEL:
ENGINE S/N:
REG NO: N809RJ
WORK ORDER: 00001742**TDL Aero Enterprises**44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300

1 of 1

DATE: 9/9/2016
A/C TSN: 855.3
ENG TT: 855.3
TACH: 855.3**Engine Entries**

ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8qts. Aero shell 100W, Installed new CH48108 oil filter and safety tied, performed compression checks, (1) 72/80 (2)68/80 (3)72/80 (4)72/80 (5)70/80 (6) 6670/80, Plugs cleaned and gap checked, Mag timing checked, performed run up leak check, no leaks noted at this time, reinstalled cowlings.... Inserted RTV to protect and stop chaffing

I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition

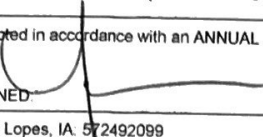
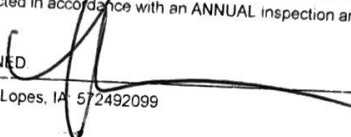
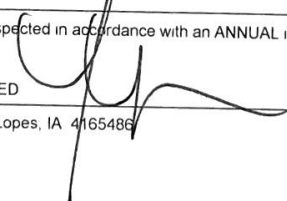
DATE: 9/9/2016

SIGNED:

Tom Lopes, IA: 572492099

Work Order: 00001742

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Date	Total Time In Service	Time Since Major Overhaul	Tach or Hobbs Meter Time	Description of work performed including the signature and certificate number of the person/facility performing the work.
			ENGINE MODEL: ENGINE S/N REG NO N809RJ WORK ORDER: 00001899	TDL Aero Enterprises 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300 Engine Entries ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8qts. Aero shell 100W, Installed new CH48108 oil filter and safety tied, performed compression checks, (1) 70/80 (2)68/80 (3)70/80 (4)70/80 (5)72/80 (6) 64/80, Plugs cleaned and gap checked, Mag timing checked, performed run up leak check, no leaks noted at this time, reinstalled cowlings.... Removed and Replaced #3 EGT with new I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition DATE 12/22/2017 SIGNED:  Tom Lopes, IA 572492099 Work Order: 00001899 Printed by EBis 3 (datcomedia.com)
			ENGINE MODEL: ENGINE S/N REG NO N809RJ WORK ORDER 00002107	TDL Aero Enterprises 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300 Engine Entries ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8qts. Aeroshell 100W, Installed new AA48108 oil filter and safety tied, performed compression checks, (1) 65/80 (2)62/80 (3)50/80 (4)72/80 (5)70/80 (6) 60/80, Plugs cleaned and gap checked, Mag timing checked, performed run up leak check, no leaks noted at this time, reinstalled cowlings. I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition DATE 5/14/2019 SIGNED:  Tom Lopes, IA 572492099 Work Order: 00002107 Printed by EBis 3 (datcomedia.com)
			ENGINE MODEL: ENGINE S/N REG NO N809RJ WORK ORDER 00002260	TDL Aero Enterprises 44 MACREADY DRIVE Merced, CA 95340 Phone: 209-722-7300 Engine Entries ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8qts. Aeroshell W100, Installed new AA48109 oil filter and safety tied, performed compression checks, (1) 70/80 (2) 74/80 (3) 73/80 (4) 74/80 (5) 65/80 (6) 70/80, Plugs cleaned and gap checked, Mag timing checked, performed run up leak check, no leaks noted at this time, reinstalled cowlings... Apply RTV and adjust the vent hose to prevent it from chaffing on the oil/air separator.... Adjust oil cooler baffle to prevent further chaffing on #2 lower cylinder nut... Remove and replace #6 EGT with new I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition DATE 11/2/2020 SIGNED:  Tom Lopes, IA 4165486 Work Order: 00002260 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
ENGINE S/N
REG NO N809RJ
WORK ORDER 00002378

TDL Aero Enterprises

44 MACREADY DRIVE
Merced, CA 95340
Phone 209-722-7300

DATE 1/13/2022
A/C TSN 956
ENG TT 956
TSMOH 186 5
TACH

Engine Entries

ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20 checklist as a guide, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8 qts. Aeroshell 100W, Installed new AA48109 oil filter and safety tied, performed compression checks, (1) 72/80 (2) 76/80 (3) 74/80 (4) 76/80 (5) 72/80 (6) 74/80, Master Orifice reading: 42/80. Plugs cleaned and gap checked, Mag timing checked, Installed new BA-24 air filter. Performed run up leak check, no leaks noted at this time, reinstalled cowlings.

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition

DATE: 1/13/2022

SIGNED



Work Order: 00002378

Randy Noe, IA: 553961616

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ENGINE MODEL:
ENGINE S/N:
REG. NO: N809RJ
WORK ORDER: 00002636

TDL Aero Enterprises

44 MACREADY DRIVE
Merced, CA 95340
Phone: 209-722-7300

DATE: 4/2/2024
A/C TSN: 994.1
ENG TT: 994.1
TSMOH: 224.4
HOBBS: 994.1

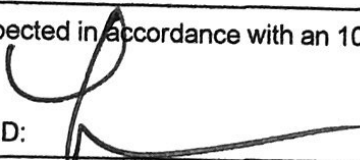
Engine Entries

ANNUAL CIRRUS ENGINE: Complied with an Annual inspection, Using Cirrus design AMM 5-20 checklist as a guide, Removed cowlings, performed run up, drained oil took AOA sample and sent out for analysis, removed oil filter, cut open to check for debris, none noted, Serviced engine 8qts. Aeroshell W100, Installed new AA48109 oil filter and safety tied, performed compression checks, (1) 72/80 (2) 70/80 (3) 76/80 (4) 52/80 (5) 74/80 (6) 72/80, Master Orifice reading was 44/80. Plugs cleaned and gap checked, Mag timing checked, Installed new BA-24 air filter. Performed run up leak check, no leaks noted at this time, reinstalled cowlings.... Replaced missing #2 rocker cover screw

I certify that this ENGINE has been inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition

DATE: 4/2/2024

SIGNED:



Work Order: 00002636

Tom Lopes, IA: 4165486

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