

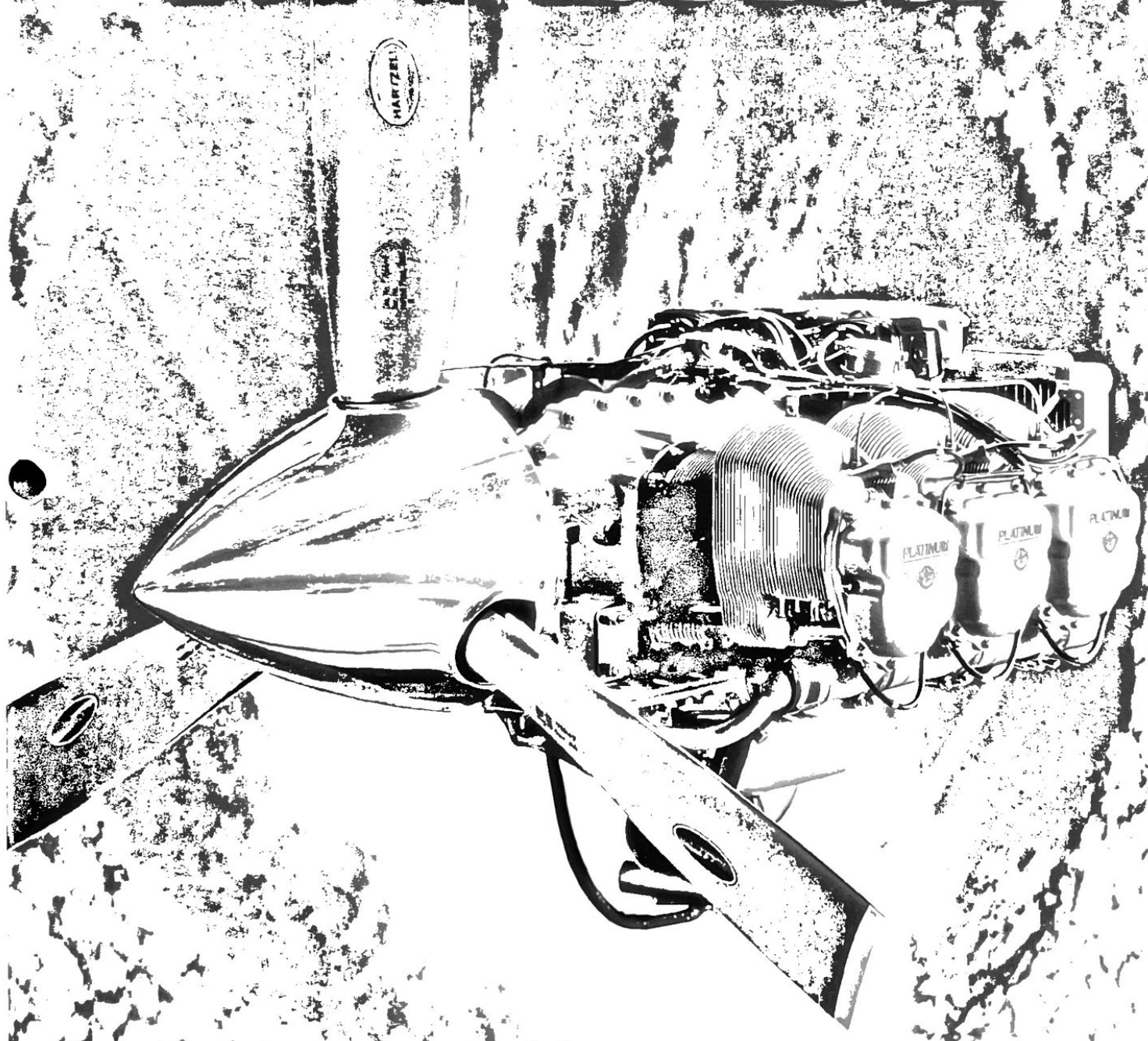
N628TL

PLATINUM



CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Service Information

You can now subscribe to TCMLINK® Aviator Services through our web site at www.tcmlink.com. This free program provides Service Bulletins and Technical information. Service Bulletins and Technical Publications are also available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 888-826-5465, publications department, for information.

Engine Returns

All engines returned for core credit are to be shipped with this log book directly to:

Teledyne Continental Motors
2039 Broad Street
Mobile Alabama 36615

All engines returned for overhaul are to be shipped with this log book directly to:

Teledyne Mattituck Services
410 Airway Drive
Mattituck NY 11952

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Production Certificate 508

Printed: 10/21/2009

Test Date: 10/20/2009

This engine model I0550N61B , serial number 1001217 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Engine Return Department
2039 Broad Street
Mobile, AL 36615

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry 12 February 2010 Flight Hobbs: 26.2 Hobbs Meter: 33.0 Completed 25 Hour Inspection this date using the TCM ICA and the Cirrus AMM Inspection Items as a guide. Compression test: #1) 75/80, #2) 75/80, #3) 75/80, #4) 75/80, #5) 75/80, #6) 75/80. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected magneto security and condition of ignition leads. Cleaned and resealed fuel injection nozzles. Leak checked fuel system. Inspected cooling fins, baffles and seals. Checked oil lines for security. Visually inspected engine for oil leakage. Inspected oil cooler fins for obstructions and condition. Inspected induction and alternate air system. Inspected and induction air filter. Inspected and lubricated throttle, mixture and propeller controls. Inspected cylinder drains and engine case breather tube for obstructions. Inspected exhaust system for leakage, alignment, clamp security, distortion, cracks at all welded joints, and pressure tested exhaust system. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Complied with Continental Motors SID97-3E (Fuel Injection Systems) by checking low end fuel pressure, idle mixture and idle speed, and checking maximum fuel flow as was outlined in (SID). All pressures and flows found to be within limits, no further action required. Post maintenance engine ground run-up, operational and leakage check satisfactory. <i>L. John Wells</i> L. John Wells A&P 3221132 w/o 28949					
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry 19 March 2010 Flight Hobbs: 40.7 Hobbs Meter: 52.8 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory. <i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29075					
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry 13 April 2010 Flight Hobbs: 59.3 Hobbs Meter: 75.1 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Checked oil lines for security. Inspected magneto security and ignition leads. Inspected induction and alternate air system. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Inspected engine compartment installation hardware for security. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory. <i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29158					
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry 5 May 2010 Flight Hobbs: 62.3 Hobbs Meter: 80.3 Adjusted engine idle mixture and check idle speed setting. Post maintenance ground run-up satisfactory. <i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29243					
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry 28 September 2010 Flight Hobbs: 103.1 Hobbs Meter: 137.4 Removed #6 injector and cleaned. Reinstalled using new seals. Post maintenance engine ground run-up, operational and leakage check satisfactory. <i>L. John Wells</i> L. John Wells A&P 3221132 w/o 29784					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
4 August 2010 Flight Hobbs: 85.5 Hobbs Meter: 111.7
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested and rotated spark plugs. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 29565

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
17 September 2010 Flight Hobbs: 101.4 Hobbs Meter: 134.3
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Checked oil lines for security. Inspected magneto security and ignition leads. Inspected induction and alternate air system. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Inspected engine compartment installation hardware for security. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 29762

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
18 October 2010 Flight Hobbs: 123.7 Hobbs Meter: 161.9
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 29882

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 139.4
28 January 2011 Flight Hobbs: 139.4 Hobbs Meter: 187.7
 100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 74/80, #2) 74/80, #3) 74/80, #4) 77/80, #5) 70/80, #6) 75/80. Changed engine oil and filter (Exxon 20W-50 Elite). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected #1 alternator and installed new brush assembly P/N: ALE1013AS. Inspected and pressure tested exhaust system. Washed engine down using solvent. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller controls. **Complied with Cirrus SB 2X-71-16 R1 (Baffle Chafing at Engine and #2) Alternator** by modifying left hand forward baffle for additional clearance and installing Kit No. 70242-001 with improved close out and surface doubler per Service Bulletin, no further action required. Checked torque on engine mount lower weldment bolts. **Continental AD 2010-11-04 (Hydraulic Lifter Rapid Wear)** effective 06-16-2010, supersedes AD 2009-24-52 E, N/A by engine serial number and maintenance history. AD's checked through Biweekly 2011-02. Post inspection engine ground run-up, operational check and leak check satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**
L. John Wells
L. John Wells A&P 3221132 w/o 30186, 30191

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
1 April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Inspected magneto security and ignition leads. Inspected induction and alternate air system. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Inspected engine compartment installation hardware for security. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 30426

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
5 July 2011 Flight Hobbs: 186.4 Hobbs Meter: 248.6
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 30752

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 139.4
9 August 2011 Flight Hobbs: 200.9 Hobbs Meter: 267.3
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Installed new valve rocker cover gaskets P/N: 655705 on cylinders #1), #2), #3), #4), and #6). Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Greg Sickafosse
Greg Sickafosse A&P 3443687 w/o 30923

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
3 October 2011 Flight Hobbs: 217.0 Hobbs Meter: 289.2
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 31139

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
4 August 2010 Flight Hobbs: 85.5 Hobbs Meter: 111.7
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested and rotated spark plugs. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 29565

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
17 September 2010 Flight Hobbs: 101.4 Hobbs Meter: 134.3
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Checked oil lines for security. Inspected magneto security and ignition leads. Inspected induction and alternate air system. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Inspected engine compartment installation hardware for security. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 29762

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
18 October 2010 Flight Hobbs: 123.7 Hobbs Meter: 161.9
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 29882

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
14 October 2010 Flight Hobbs: 122.6 Hobbs Meter: 159.8
 Due to intermittent high EGT readings, removed flow divider and disassembled. Inspected and found several small soft black particles and "fuzz" on the screen. Cleaned screen and flushed all engine fuel hoses. Reassembled all and reinstalled. Replaced #6 EGT probe P/N: 24585-001. Operational and leak check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 29867

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD; ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
6 January 2011 Flight Hobbs: 133.0 Hobbs Meter: 179.0
 Cleaned MAP connectors at the MAP sensor and aft right engine baffle. Engine ground run operational check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 30153

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
1 April 2011 Flight Hobbs: 158.9 Hobbs Meter: 213.8
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Inspected magneto security and ignition leads. Inspected induction and alternate air system. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Inspected engine compartment installation hardware for security. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 30426

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
5 July 2011 Flight Hobbs: 186.4 Hobbs Meter: 248.6
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 30752

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 139.4
9 August 2011 Flight Hobbs: 200.9 Hobbs Meter: 267.3
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Installed new valve rocker cover gaskets P/N: 655705 on cylinders #1, #2, #3, #4, and #6. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Greg Sickafoose
 Greg Sickafoose A&P 3443687 w/o 30923

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
3 October 2011 Flight Hobbs: 217.0 Hobbs Meter: 289.2
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
 L. John Wells A&P 3221132 w/o 31139

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 233.8
7 February 2012 Flight Hobbs: 233.8 Hobbs Meter: 318.2
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 78/80, #2) 72/80, #3) 77/80, #4) 76/80, #5) 75/80, #6) 77/80. Checked torque on all valve rocker cover screws. Changed engine oil and filter using (Exxon 20W-50 Elite). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Cleaned, applied sealant and reinstalled oil cooler brass plug adjacent to pressure transducer. Inspected #1 alternator and installed new brush set P/N: ALE1013AS. Washed engine down using solvent. Installed and adjusted new left and right exhaust tail pipe springs P/N: LE-093G-ISS using new safeties. Inspected and pressure tested exhaust system. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller controls. Continental AD 2011-25-51 (Starter Adapter Gear Shaft Failure) effective 12-28-2011, supersedes Emergency AD 2011-25-51, does not apply by installed starter adapter part number, no further action required. AD's checked through Biweekly 2012-02. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
[Signature] Greg Sickafoose A&P 3443687 w/o 31520, 31521

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
16 August 2012 Flight Hobbs: 305.7 Hobbs Meter: 410.4
Cleaned and resealed injectors. Removed and inspected spark plugs - checked gap and tested - no defects noted. Reinstalled using new gaskets. Ground run operational and leak check satisfactory.
[Signature] L. John Wells A&P 3221132 w/o 32266

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
1 May 2012 Flight Hobbs: 260.1 Hobbs Meter: 352.9
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
[Signature] L. John Wells A&P 3221132 w/o 31846

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
29 August 2012 Flight Hobbs: 307.5 Hobbs Meter: 413.4
Installed new Tempest spark plugs (P/N: URHB32S). Resealed fuel strainer. Completed 500 hour magneto inspection on both magnetos. Removed left and right for 500 hour inspection. Cleaned and inspected magnetos and installed new breaker points P/N: 10-382584, distributor block felt strips and washers, distributor gear snap rings, carbon brushes, and rotor seals. Cleaned, inspected and repacked magneto rotor bearings and assembled magnetos, set internal timing and tightened assembly hardware. Ground run operational and leak check satisfactory.
[Signature] L. John Wells A&P 3221132 w/o 32294

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 278.9
2 June 2012 Flight Hobbs: 278.9 Hobbs Meter: 374.8
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
[Signature] L. John Wells A&P 3221132 w/o 31971

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 320.8
26 September 2012 Flight Hobbs: 320.8 Hobbs Meter: 431.5
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, small amount of aluminum flakes noted. Borescoped cylinders - no defects noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
[Signature] Randy J. Knox Jr A&P 3227973 w/o 32416

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
2 August 2012 Flight Hobbs: 299.7 Hobbs Meter: 402.9
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
[Signature] L. John Wells A&P 3221132 w/o 32207

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 321.8
28 September 2012 Flight Hobbs: 321.8 Hobbs Meter: 432.9
Due to aluminum flakes found in oil filter at Flight Hobbs: 320.8, cut oil filter open and inspected - 2 very small slivers of non-ferrous metal noted. Post inspection engine ground run-up, operational and leakage check good.
[Signature] Greg Sickafoose 3443687 w/o 32421

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
8 November 2012 Flight Hobbs: 328.7 Hobbs Meter: 444.9
Cut oil filter open and inspected, no contaminants of any type noted. Checked magneto to engine time. Found to be at 22 degrees TDC. Operational and leak check satisfactory.
[Signature] L. John Wells A&P 3221132 w/o 32558

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
21 November 2012 Flight Hobbs: 337.8 Hobbs Meter: 455.5
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
David A. Danner David A. Danner A&P 2828262 w/o 32610

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 344.4
15 January 2013 Flight Hobbs: 344.4 Hobbs Meter: 467.2
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Installed new #1 alternator brushes P/N: ALE1013AS. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
L. John Wells L. John Wells A&P 3221132 w/o 32749

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 364.8
4 February 2013 Flight Hobbs: 364.8 Hobbs Meter: 491.0
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 73/80, #2) 74/80, #3) 74/80, #4) 75/80, #5) 74/80, #6) 77/80. Changed engine oil and filter using (Exxon 20W-50 Elite). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine and adjusted left magneto to engine timing using digital inclinometer. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Adjusted #2 alternator belt tension, torqued installation hardware and installed new safety. Inspected and pressure tested exhaust system. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller controls. Complied with Continental SID97-3E (Fuel Injection Systems) by checking low end fuel pressure, idle mixture and idle speed, and high end fuel flow as was outlined in (SID), all pressures and flows within limits. Continental CSB12-1 (Lock Plate Inspection) does not apply by engine serial number, no further action required. Continental AD 2012-10-13 (Starter Adapter Gear Shaft Failure) effective 06-08-2012, supersedes AD 2011-25-51, does not apply by installed starter adapter part number, no further action required. Superior Air Parts AD 2012-03-06 (AFS) Fuel Servo Diaphragm) effective 02-24-2012, supersedes AD 2011-15-10, does not apply by installed fuel system component design, no further action required. AD's checked through Biweekly 2013-02. Post inspection engine ground run-up, operational check and leak check satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
L. John Wells L. John Wells A&P 3221132 w/o 32798

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
22 March 2013 Flight Hobbs: 380.4 Hobbs Meter: 513.7
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Dave A. Danner Dave A. Danner A&P 2828262 w/o 32972

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
30 April 2013 Flight Hobbs: 404.9 Hobbs Meter: 543.6
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Removed starter adapter P/N:642083-1A1, and installed new starter adapter P/N:642083A12-E with new gasket and O-ring. Inspected fuel injection system for leakage and component condition and security. Inspected engine case and oil lines for leakage. Replaced oil gauge rod cap seal, P/N: 642892. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 33070

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
7 June 2013 Flight Hobbs: 424.7 Hobbs Meter: 568.7
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Alberto Pizzato Alberto Pizzato A&P 2522916 w/o 33205

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 441.4
19 July 2013 Flight Hobbs: 441.4 Hobbs Meter: 592.1
Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 33356

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

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ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 16 August 2013 Flight Hobbs: 455.3 Hobbs Meter: 609.2
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Installed overhauled/exchange magnetos (P/N: BL-400352, S/N: D13HA008R and D13HA009R) and harness with new gaskets. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Jeremy D. Trussell Jeremy D. Trussell A&P 610051913 w/o 33454

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 29 August 2013 Flight Hobbs: 467.5 Hobbs Meter: 624.3
 Removed, cleaned, gapped, tested, rotated and torqued spark plugs. Adjusted left and right magneto timing to 22 degrees BTDC. Post maintenance engine ground run-up, operational and leak check satisfactory.
Dave A. Danner Dave A. Danner A&P 2828262 w/o 33510

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 10 September 2013 Flight Hobbs: 469.4 Hobbs Meter: 628.0
 Installed new vapor tower gasket (P/N: 652090) on engine fuel pump. Removed flow divider and disassembled. No contaminants noted. Cleaned and resealed fuel injectors. Post maintenance engine ground run-up, operational and leak check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 33550

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 20 September 2013 Flight Hobbs: 470.6 Hobbs Meter: 630.5
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Dave A. Danner Dave A. Danner A&P 2828262 w/o 33582

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 480.2
 7 October 2013 Flight Hobbs: 480.2 Hobbs Meter: 642.0
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Dave A. Danner Dave A. Danner A&P 2828262 w/o 33656

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 7 November 2013 Flight Hobbs: 493.5 Hobbs Meter: 695.3
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Alberto Pizzato Alberto Pizzato A&P 2522916 w/o 33776

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 506.3
 6 December 2013 Flight Hobbs: 506.3 Hobbs Meter: 676.5
 Completed 50 Hour Inspection this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Alberto Pizzato Alberto Pizzato A&P 2522916 w/o 33861

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 17 December 2013 Flight Hobbs: 515.4 Hobbs Meter: 687.1
 Installed new starter (P/N: C24STS, S/N: 4C5-471308). Post maintenance operational check satisfactory.
Randy J. Knox, Jr. Randy J. Knox, Jr. A&P 3227973 w/o 33896

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 17 January 2014 Flight Hobbs: 694.9 Hobbs Meter: 519.7
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 33982

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 588.0
 6 June 2014 Flight Hobbs: 588.0 Hobbs Meter: 783.3
 Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Adjusted timing on left and right magnetos to 22 degrees BTDC. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Dave A. Danner Dave A. Danner A&P 2828262 w/o 34431

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 541.8
1 March 2014 Flight Hobbs: 541.8 Hobbs Meter: 720.7
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 57/80, #2) 73/80, #3) 67/80, #4) 68/80, #5) 70/80, #6) 73/80. Installed new gaskets P/N: 655705 on all valve rocker covers. Changed engine oil and filter using (Exxon Elite 20W-50) and owner supplied oil filter. Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Cleaned and resealed fuel injection nozzles. **Next fuel injection nozzle servicing due Flight Hobbs: 841.5.** Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Removed oil cooler S/N: K08-7057-419 and installed new unit P/N: 654585, S/N: A14-11679-50 using new gasket. Removed existing starter adapter and installed new unit P/N: 642083A12-E using new gasket P/N: 653470. Removed #1) alternator S/N: J091293 and installed new unit P/N: ES10024, S/N: H-N110058 using new gasket. Removed left exhaust muffler and installed unit P/N: 14836-001, overhauled by Heliarc Welding Service, CRS No. VX3R935L, W/O# 15482, dated 10-18-2013. Installed (1) new left exhaust collector bolt P/N: AN4C35. Installed new left tail pipe inboard eye bolts, new outboard aft exhaust bracket P/N: 20155-001 and (2) new exhaust springs P/N: 51381-001. Repaired and reinstalled right exhaust collector bracket and reinstalled using (1) new bolt P/N: AN4C35. Inspected and pressure tested exhaust system. Fabricated and installed new air mixing box lower linkage bushing using new installation hardware. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2014-04. Post inspection engine ground run-up, operational check and leak check satisfactory. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR-INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**
Scott S. Fisher
Scott S. Fisher A&P 3290363 w/o 34090

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
4 April 2014 Flight Hobbs: 560.9 Hobbs Meter: 745.6
Changed engine oil (Exxon Elite 20W50) and filter. Oil sample taken and submitted. Cut filter open and inspected for foreign material, none found. Removed, inspected, cleaned and reinstalled fuel injectors with new seals. Cleaned screen for fuel divider. Cleaned fuel strainer. Engine run up, leak and operational check satisfactory.
Nathaniel Alan Beuthel
Nathaniel Alan Beuthel A&P 3659835 w/o 34221

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
5 May 2014 Flight Hobbs: 566.1 Hobbs Meter: 755.4
Removed and cleaned #5 fuel injector. Resealed and reinstalled. Operational and leak check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 34337

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
21 May 2014 Flight Hobbs: 569.1 Hobbs Meter: 761.2
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells
L. John Wells A&P 3221132 w/o 34356

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 588.0
6 June 2014 Flight Hobbs: 588.0 Hobbs Meter: 783.3
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Adjusted timing on left and right magnetos to 22 degrees BTDC. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Dave A. Danner
Dave A. Danner A&P 2828262 w/o 34431

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
12 July 2014 Flight Hobbs: 569.1 Hobbs Meter: 761.2
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Tightened fuel lines on co-pilot's side at firewall. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Jason Daniel Schaab
Jason Daniel Schaab A&P 3551738 w/o 34561

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 619.3
18 August 2014 Flight Hobbs: 619.3 Hobbs Meter: 823.8
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Installed new oil filter as provided by owner. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Completed operational checks on fuel pump. No defects noted. Inspected engine case and oil lines for leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Jeremy D. Trussell
Jeremy D. Trussell A&P 610051913 w/o 34574

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
18 September 2014 Flight Hobbs: 632.7 Hobbs Meter: 841.8
Changed engine oil and filter (Exxon Elite 20W50). Oil sample taken and submitted. Cut oil filter open and inspected for foreign material - none found. Engine run up and leak check satisfactory.
Simon Rubino
Simon Rubino A&P 2670700 w/o 34826

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Total Time		Time Since Last Overhaul	
Hrs.	Min.	Hrs.	Min.

Brought Forward

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
8 October 2014 Flight Hobbs: 636.9 Hobbs Meter: 849.0
 Installed repaired heat exchanger P/N: 14837-001, repaired by Heliarc Welding Service, CRS # VX3R935L, W/O #15647, dated 10-06-2014. Post maintenance engine ground run-up and operational check satisfactory.
Thomas Edward Green Thomas Edward Green A&P 3445718 w/o 34881

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
25 November 2014 Flight Hobbs: 641.7 Hobbs Meter: 857.5
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Drained engine oil and flushed oil sump using solvent. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected engine case leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Randy Johnson Randy Johnson A&P 3123186 w/o 35055

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
17 December 2014 Flight Hobbs: 653.1 Hobbs Meter: 872.5
 Inspected and tightened alternator belt. Post maintenance engine ground run-up satisfactory.
Alberto Pizzato Alberto Pizzato A&P 2522916 w/o 35130

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
7 January 2015 Flight Hobbs: 654.2 Hobbs Meter: 874.6
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 35194

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
3 April 2015 Flight Hobbs: 674.1 Hobbs Meter: 905.1
 Installed rebuilt starter (P/N: C24ST5, S/N: 4C5-471308). Starter rebuilt by Sky-Tec Partners, Ltd., CRS# PQ0852SW, Work Order 15031905 dated 24 Mar 2015. Post maintenance engine ground run-up and operational check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 35466

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Brought Forward

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 672.4
23 March 2015 Flight Hobbs: 672.4 Hobbs Meter: 901.7
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 74/80, #2) 74/80, #3) 72/80, #4) 68/80, #5) 73/80, #6) 74/80. Changed engine oil and filter using (Exxon Elite 20W-50) and owner supplied oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Cleaned and inspected both oil pressure sending unit connector plug sockets and pins and reassembled units using Stabilant 22. Inspected #1 and #2 alternators for condition and security. Inspected slip rings and installed new #1 alternator brushes P/N: ALE1013AS. Inspected slip rings, installed new #2 alternator bushes P/N: ALE2013AS and cleaned contacts. Reinstalled #2 alternator, adjusted belt tension and torqued installation hardware. Inspected and pressure tested exhaust system. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good.
Continental AD 2014-05-29 (Superior Air Parts Cylinder Head Separation) effective 04-25-2014, does not apply, only TCM factory original cylinders are installed, no further action required. AD's checked through Biweekly 2015-06. Post inspection engine ground run-up, operational check and leak check good.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
Paul D. Randall Paul D. Randall A&P 3081341 w/o 35415

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
14 May 2015 Flight Hobbs: 686.3 Hobbs Meter: 921.4
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Drained engine oil and flushed oil sump using solvent. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected engine case leakage. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Repositioned engine hoist eyelet to prevent chafing on forward baffle. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
L. John Wells L. John Wells A&P 3221132 w/o 35596

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
31 July 2015 Flight Hobbs: 703.9 Hobbs Meter: 945.5
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Jason Daniel Schaaaf Jason Daniel Schaaaf A&P 3551738 w/o 35846

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought **ARAPAHOE AERO**
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 15 October 2015 Flight Hobbs: 720.7 Hobbs Meter: 968.9
 Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Drained engine oil and flushed oil sump using solvent. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Resealed rocker cover gaskets: #4 exhaust, #2 exhaust, #1 exhaust, #3 intake & exhaust and #5 exhaust. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Randy J. Knox, Jr. Randy J. Knox, Jr. A&P 3227973 w/o 36111

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 5 November 2015 Flight Hobbs: 742.5 Hobbs Meter: 994.4
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 36165

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 05 January 2016 Flight Hobbs: 0749.0 Hobbs Meter: 1006.0
 Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
L. John Wells L. John Wells A&P3221132 w/o 36337

1. Approving Civil Aviation Authority / County: FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	
4. Organization Name and Address: Pacific Oil Cooler Service, Inc. F.A.A. RF3R813L 1677 Curtiss Court, La Verne, CA 91750			
6. Item:	7. Description:	8. Part Number:	9. Quantity:
1	OIL COOLER	10281A	1
		654585	
10. Serial Number: A04-214			
12. Remarks: Work Order Number (Block 5) describing the actual work performed is attached. The described work was performed in accordance with F.A.A. approved Pacific Oil Cooler Service, Inc. process specific applicable Airworthiness Directives work / status. Certifies that the work specified in Blocks 11/12 was carried out in accordance with F.A.A. approved Pacific Oil Cooler Service, Inc. process specific applicable Airworthiness Directives work / status.			

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought **ARAPAHOE AERO**
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 753.3
 22 March 2016 Flight Hobbs: 753.3 Hobbs Meter: 1013.9
 100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 76/80, #2) 68/80, #3) 72/80, #4) 70/80, #5) 70/80, #6) 72/80. Changed engine oil and filter using (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Cleaned and resealed fuel injection nozzles. Next fuel injection nozzle cleaning due Hobbs Time: 1053.3. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Inspected and pressure tested exhaust system. Inspected and replaced #1 alternator brushes, P/N: ALE1013AS. Replaced TKS line support adel clamp, P/N: MS2919WDG3, at forward right side of engine. Installed overhauled / exchange oil cooler, P/N: 654585, S/N: A04-2147-782, as received from Pacific Oil Cooler Services, FAA CRS RF3R813L. Reference 8130-3 dated 08 Mar 2016, WO 111852. Installed new induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2016-06. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
L. John Wells L. John Wells A&P 3221132 w/o 36544

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 18 July 2016 Flight Hobbs: 767.5 Hobbs Meter: 1040.1
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Alberto Pizzato Alberto Pizzato A&P 2522916 w/o 36980

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 12 August 2016 Flight Hobbs: 0783.2 Hobbs Meter: 1059.6
 Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Flushed oil sump with solvent. Secured oil cooler to baffle seal with RTV. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
L. John Wells L. John Wells A&P3221132 w/o 37069

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 30 September 2016 Flight Hobbs: 798.7 Hobbs Meter: 1081.9
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Simon Joseph Rubino Simon Joseph Rubino A&P 2670700 w/o 37232

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
03 November 2016 Flight Hobbs: 0821.9 Hobbs Meter: 1109.0
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 37387

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
11 January 2017 Flight Hobbs: 798.7 Hobbs Meter: 1081.9
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Randy J. Knox Jr. Randy J. Knox Jr. A&P 3227973 w/o 37587

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
07 March 2017 Flight Hobbs: 0848.9 Hobbs Meter: 1145.2
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Cody R. Robinson Cody R. Robinson A&P 3159980 w/o 37768

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 0851.4
06 April 2017 Flight Hobbs: 0851.4 Hobbs Meter: 1149.8
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 79/80, #2) 76/80, #3) 71/80, #4) 74/80, #5) 75/80, #6) 78/80. No oil or filter change this inspection. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected cooling baffles and seals for condition and security. Inspected and pressure tested exhaust system. Replaced rocker cover gaskets on #1, #2, #3 and #5 exhaust covers and #3 and #4 intake covers. Inspected and replaced #1 alternator brushes, P/N: ALE1013AS. Installed new Brackett induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. Continental Motors AD 2016-16-12 (ECI Cylinder Assemblies) N/A by installed factory original cylinders. AD's checked through Biweekly 2017-07. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
Randy C. Johnson Randy C. Johnson A&P 3123186 w/o 37848

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
09 June 2017 Flight Hobbs: 0859.2 Hobbs Meter: 1163.8
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Carl Murski Carl Murski A&P 3702689 w/o 38068

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
29 July 2017 Flight Hobbs: 0876.9
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
L. John Wells L. John Wells A&P 3221132 w/o 38213

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
03 November 2017 Flight Hobbs: 0890.2 Hobbs Meter: 1211.5
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 38489

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
15 December 2017 Flight Hobbs: 0902.5 Hobbs Meter: 1228.2
Installed new starter P/N: PVE3407, S/N: H-R112504. Operational check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 38504

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
12 January 2018 Flight Hobbs: 902.5 Hobbs: 1228.2
Complied with 300 Hour Continental Fuel Injection Nozzle by removing injectors, inspecting and cleaning, no defects noted. Next service due Flight Hobbs: 1202.5. Operation and leak check satisfactory.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 38662

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
26 January 2018 Flight Hobbs: 0906.7 Hobbs Meter: 1235.4
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Randy J. Knox Jr. Randy J. Knox Jr. A&P 3227973 w/o 38730

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ARAPAHOE AERO

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 0936.7
28 April 2018 Flight Hobbs: 0936.7 Hobbs Meter: 1274.7
 100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 75/80, #2) 65/80, #3) 68/80, #4) 70/80, #5) 73/80, #6) 73/80. Changed engine oil and filter using (Exxon Elite 20W50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected #1 alternator brushes. Found to be worn. Installed new brushes, P/N: ALE1013AS. Adjusted #2 alternator belt tension as needed and safetied. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected and pressure tested exhaust system. Installed new #6 exhaust header P/N: 15074-001, torqued and installed new gaskets. Installed new Brackett induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2018-08. Post inspection engine ground run-up, operational check and leak check good. **I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**
L. John Wells L. John Wells A&P 3221132 w/o 38971

Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Installed new lower #3 spark plug. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 39061

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
06 July 2018 Flight Hobbs: 0960.6 Hobbs Meter: 1306.6
 Performed 500 hour magneto inspection. Removed and disassembled magnetos. Installed new distributor gear kits P/N: 10-357586A, point sets P/N: 10-382584, felts, seals and safeties. Degaussed impulse coupling bodies and cams. Assembled couplings using new springs P/N: 10-51324. Set internal timing. Installed onto engine using new gaskets and original hardware. Timed to engine as needed. **Next 500 hour magneto inspection due at Flight Hobbs Time: 1450.6.** Removed leads at spark plugs and completed high tension tests. No defects noted. Reassembled as needed. Ground run operational and leak checks satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 39182

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
03 August 2018 Flight Hobbs: 0976.5 Hobbs: 1326.7
 Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Checked timing of magnetos. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system. no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Aaron Peter Villery Aaron Peter Villery A&P 3224687 w/o 39305

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
12 September 2018 Flight Hobbs: 0981.5 Hobbs: 1336.2
 Complied with 300 Hour Continental Fuel Injection Nozzle by removing injectors, inspecting and cleaning, no defects noted. Next service due Flight Hobbs: 1281.5. Cleaned, inspected, gapped, tested, and rotated spark plugs. Installed top #4 cylinder spark plugs P/N: URHB32S. Installed new #4 EGT probe P/N: 24548-001. Installed new intake gasket. Operation and leak check satisfactory.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 39375

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
03 November 2018 Flight Hobbs: 0994.2 Hobbs Meter: 1354.6
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 39613

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
08 February 2019 Flight Hobbs: 1012.0 Hobbs Meter: 1380.5
 Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0936.7
28 April 2018 Flight Hobbs: 0936.7 Hobbs Meter: 1274.7
 100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted, Beacon Test Report No. BT100AVtriple/3195/N628TL-04-27-18-1, dated 04/28/2018 on file. **ELT battery replacement due April 2023. ELT remote switch battery replacement due March 2021.** Performed AmSafe seat installation check, no defects noted. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose gear strut for condition and security. Installed new left brake caliper shim, P/N: 068-01100. Lubricated throttle and mixture control cable. Installed new pilot door lower latch spring. 308: Cleaned and primed affected area and secured one main fairing support on left main strut using new double-sided tape. Installed new Brackett induction air filter element P/N: BA24. **Next induction air filter element replacement due April 2019 or Flight Hobbs Time: 1136.7.** Complied with Garmin GSM 86 Servo Clutch Torque Check, all reading found to be within normal limits. **Next check due April 2020.** Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked TKS reservoir service levels. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Bottle weight 501.6 grams. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. **Next MCU corrosion inspection due April 2019.** Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate) by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. **Next upper gusset plate inspection due Flight Hobbs: 1036.7.** Complied with Cirrus SB 2X-74-02 (Ignition Switch) by applying Loctite 222 to ignition switch finishing collar. AD's checked through Biweekly 2018-08. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windshield and cabin windows and vacuumed seats and interior. **I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.**
L. John Wells L. John Wells A&P 3221132 IA w/o 39871

PLEASE REFERENCE AIRFRAME LOG FOR COPY OF THIS ANNUAL INSPECTION

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
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Date	Total Time	Time Since
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ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
23 March 2018 Flight Hobbs: 0912.4 Hobbs: 1246.2
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Checked timing of magnetos. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 38880

ADO 80112 (303) 799-8386
17 Engine Log Entry
36.2
ig injectors, inspecting and
ned, inspected, gapped, tested,
332S. Installed new #4 EGT probe
tisfactory.
raf A&P 3551738 w/o 39375

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
09 June 2018 Flight Hobbs: 0958.9 Hobbs Meter: 1303.1
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminates noted. Oil sample taken and submitted. Installed new lower #3 spark plug. Post maintenance engine ground run-up, operational and leakage check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 39061

ADO 80112 (303) 799-8386
217 Engine Log Entry
354.6
and inspected, no contaminates
nal and leakage check satisfactory.
A&P 3551738 w/o 39613

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
08 February 2019 Flight Hobbs: 1012.0 Hobbs Meter: 1380.5
Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminates noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
06 July 2018 Flight Hobbs: 0960.6 Hobbs Meter: 1306.6
Performed 500 hour magneto inspection. Removed and disassembled magnetos. Installed new distributor gear kits P/N: 10-357586A, point sets P/N: 10-382584, felts, seals and safeties. Degaussed impulse coupling bodies and cams. Assembled couplings using new springs P/N: 10-51324. Set internal timing. Installed onto engine using new gaskets and original hardware. Timed to engine as needed. Next 500 hour magneto inspection due at Flight Hobbs Time: 1450.6. Removed leads at spark plugs and completed high tension tests. No defects noted. Reassembled as needed. Ground run operational and leak checks satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 39182

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Cirrus SR22 S/N: 22-3595 Airframe Total Time: 0936.7
28 April 2018 Flight Hobbs: 0936.7 Hobbs Meter: 1274.7
100 Hour/Annual Inspection completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Precise Flight Oxygen System STC Instructions for Continued Airworthiness as a guide. Tested Artex ME406 ELT per FAR 91.207(d) using WS Technologies beacon measurement equipment, no defects noted. Beacon Test Report No. BT100AVtriple/3195/N628TL-04-27-18-1, dated 04/28/2018 on file. ELT battery replacement due April 2023. ELT remote switch battery replacement due March 2021. Performed AmSafe seat installation check, no defects noted. Performed left and right fuel cap resistance check, no defects noted and all readings within limits. Inspected, cleaned, resealed, and leak checked fuel strainer. Inspected nose gear strut for condition and security. Installed new left brake caliper shim, P/N: 068-01100. Lubricated throttle and mixture control cable. Installed new pilot door lower latch spring. 308: Cleaned and primed affected area and secured one main fairing support on left main strut using new double-sided tape. Installed new Brackett induction air filter element P/N: BA24. Next induction air filter element replacement due April 2019 or Flight Hobbs Time: 1136.7. Complied with Garmin GSM 86 Servo Clutch Torque Check, all reading found to be within normal limits. Next check due April 2020. Inspected oxygen system for component condition and security per Precise Flight Oxygen System (ICA). Checked TKS reservoir service levels. Inspected cabin fire extinguisher for condition and security and performed 30 day cabin fire extinguisher weight check. Bottle weight 501.6 grams. Complied with Cirrus SA 06-06 (MCU Corrosion Inspection) by removing MCU cover and inspecting unit for corrosion per Service Advisory and application of MIL-C-81309 Type III Corrosion Inhibitor, no corrosion noted. Next MCU corrosion inspection due April 2019. Complied with Cirrus SB 2X-32-19 R3 (Nose Landing Gear Upper Gusset Plate) by inspecting the nose landing gear upper gusset plates for cracks per Service Bulletin, no defects noted. Next upper gusset plate inspection due Flight Hobbs: 1036.7. Complied with Cirrus SB 2X-74-02 (Ignition Switch) by applying Loctite 222 to ignition switch finishing collar. AD's checked through Biweekly 2018-08. Post inspection ground run-up and systems operational check good. Cleaned aircraft exterior, cleaned windshield and cabin windows and vacuumed seats and interior. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
L. John Wells L. John Wells A&P 3221132 IA w/o 39871

PLEASE REFERENCE AIRFRAME LOG FOR COPY OF THIS AIRFRAME LOG

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 1026.4
 01 May 2019 Flight Hobbs: 1026.4 Hobbs Meter: 1400.8

100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 72/80, #2) 71/80, #3) 71/80, #4) 75/80, #5) 70/80, #6) 78/80. Changed engine oil and filter using (Exxon Elite 20W50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Performed 12 month #1 Alternator Brush Inspection, replaced #1 alternator brushes, P/N: ALE1013AS. Next #1 alternator brush inspection due May 2020. Installed new oil seal, o-ring and gasket on alternator. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected and pressure tested exhaust system. Installed new Brackett induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2019-08. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Randy C. Johnson
 Randy C. Johnson A&P 3123186 w/o 40048

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 24 May 2019 Flight Hobbs: 1030.1 Hobbs Meter: 1408.2

Checked and adjusted timing of left and right magnetos. Ground run operational check satisfactory.

L. John Wells
 L. John Wells A&P 3221132 w/o 40187

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 06 July 2019 Flight Hobbs: 1048.4 Hobbs Meter: 1430.3

Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.

Nathaniel Alan Beuthel
 Nathaniel Alan Beuthel A&P 3659835 w/o 40215

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 05 September 2019 Flight Hobbs: 1058.6 Hobbs: 1448.9

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Lubricated throttle and mixture cable slides and rod ends. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.

Randy J. Knox Jr.
 Randy J. Knox Jr. A&P 3227973 w/o 40516

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
 04 October 2019 Flight Hobbs: 1078.9 Hobbs Meter: 1474.1

Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Engine ground run-up, operational and leakage check satisfactory.

Jason Daniel Schaaf
 Jason Daniel Schaaf A&P 3551738 w/o 40626

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 26 December 2019 Flight Hobbs: 1095.2 Hobbs: 1497.0

Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Changed engine oil and filter (Exxon Elite 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.

Jason Daniel Schaaf
 Jason Daniel Schaaf A&P 3551738 w/o 40858

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 23 March 2020 Flight Hobbs: 1517.9 Hobbs: 1109.6

Cleaned and resealed #6 fuel injector. Ground run-up, operational check satisfactory.

L. John Wells
 L. John Wells A&P 3221132 w/o 41076

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 1111.5
 03 June 2020 Flight Hobbs: 1111.5 Hobbs Meter: 1522.0

100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 75/80, #2) 75/80, #3) 70/80, #4) 75/80, #5) 70/80, #6) 77/80. Changed engine oil and filter using Exxon Elite 20W50. Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Performed 12-month #1 Alternator Brush Inspection, replaced #1 alternator brushes, P/N: ALE1013AS. Next #1 alternator brush inspection due June 2021. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected and pressure tested exhaust system. Installed new Brackett induction air filter element. Secured foam seal at oil cooler. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. AD's checked through Biweekly 2020-11. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

L. John Wells
 L. John Wells A&P 3221132 w/o 41220

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
 18 July 2020 Flight Hobbs: 1123.4 Hobbs: 1537.9

Performed 12-month #1 Alternator Brush Inspection, replaced #1 alternator brushes, P/N: ALE2013AS. Installed new field control terminal and crimped. Next #1 alternator brush inspection due July 2021.

L. John Wells
 L. John Wells A&P 3221132 w/o 41413

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
23 March 2018 Flight Hobbs: 0912.4 Hobbs: 1246.2
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no ferrous contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Checked timing of magnetos. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Jason Daniel Schaaf Jason Daniel Schaaf A&P 3551738 w/o 38880

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
09 September 2020 Flight Hobbs: 1128.8 Hobbs Meter: 1548.3
Changed engine oil and filter (Phillips X/C 20W-50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.
Nathaniel Alan Beuthel Nathaniel Alan Beuthel A&P 3659835 w/o 41552

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
25 September 2020 Flight Hobbs: 1138.3 Hobbs: 1560.4
Installed new #2 Hartzell alternator P/N: ES-7024-14-845. S/N: H-U011451. Installed new field control module P/N: 29434-003. Removed propeller, installed new drive belt P/N: 657970 and reinstalled propeller using new o-ring. Adjusted belt tension and safetied. Ground run operational checks of charging system found to be normal.
L. John Wells L. John Wells A&P 3221132 w/o 41591

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61)B S/N: 1001217 Engine Log Entry
11 November 2020 Flight Hobbs: 1144.8 Hobbs Meter: 1571.6
Changed engine oil and filter (Exxon Elite). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Engine ground run-up, operational and leakage check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 41753

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
02 March 2021 Flight Hobbs: 1161.1 Hobbs: 1594.1
Completed 50 Hour Servicing this date using Cirrus 50 Hour Inspection items as a guide. Serviced engine using (Exxon Elite 20W-50). Installed and safetied owner provided oil filter. Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Inspected magnetos, ignition harness and leads for condition and security. Inspected fuel injection system for leakage and component condition and security. Leak checked fuel system. Inspected induction system and alternate air door for security and operation. Inspected cylinder drains and engine case breather tube for obstructions. Inspected engine exhaust system, no defects noted. Checked lubrication and operation of throttle, mixture and propeller governor controls. Installed new oil filter adapter gasket and resealed upper aft left case bolt with o-ring. Inspected engine compartment installation hardware for security. Inspected and wiped down engine cowling. Post inspection engine ground run-up, operational and leakage check good.
Randy J. Knox Jr. Randy J. Knox Jr. A&P 3227973 w/o 42013

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
12 May 2021 Flight Hobbs: 1171.5 Hobbs: 1608.7
Complied with 300 Hour Continental Fuel Injection Nozzle Servicing by removing injectors, inspecting and cleaning. Next service due Flight Hobbs: 1471.5. Replaced screw at aft baffle seal retainer. Engine ground run-up check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 42256

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
21 May 2021 Flight Hobbs: 1172.8 Hobbs: 1611.0
Changed engine oil and filter using (Phillips X/C 20W50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Ground run operational and leak check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 42284

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Total Time: 1185.2
16 July 2021 Flight Hobbs: 1185.2 Hobbs Meter: 1627.1
100 Hour Inspection for Annual completed this date using the Cirrus Design SR22 Maintenance Manual Inspection Form as a guide. Compression test: #1) 78/80, #2) 74/80, #3) 70/80, #4) 68/80, #5) 70/80, #6) 74/80. Changed engine oil and filter using (Phillips X/C 20W50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected ignition harness and leads for condition and security. Inspected fuel injection lines and nozzles for leakage and security. Leak checked fuel system. Inspected and pressure tested exhaust system. Installed new Brackett induction air filter element. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. Performed 500 Hour / 2 Years #1 Alternator Brush Inspection, replaced #1 alternator brushes, P/N: ALE1013AS. Next #1 alternator brush inspection due July 2023 or Flight Hobbs: 1685.2. Continental Aerospace Technologies AD 2020-16-11 (Cylinder Modification) not applicable by cylinder part number and manufacture date. AD's checked through Biweekly 2021-14. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
L. John Wells L. John Wells A&P 3221132 w/o 42421

ARAPAHOE AERO
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N628TL Continental IO-550-N(61) S/N: 1001217 Engine Log Entry
01 October 2021 Flight Hobbs: 1200.8 Hobbs: 1649.0
Changed engine oil and filter using (Phillips X/C 20W50). Cut oil filter open and inspected, no contaminants noted. Oil sample taken and submitted. Ground run operational and leak check satisfactory.
L. John Wells L. John Wells A&P 3221132 w/o 42698

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