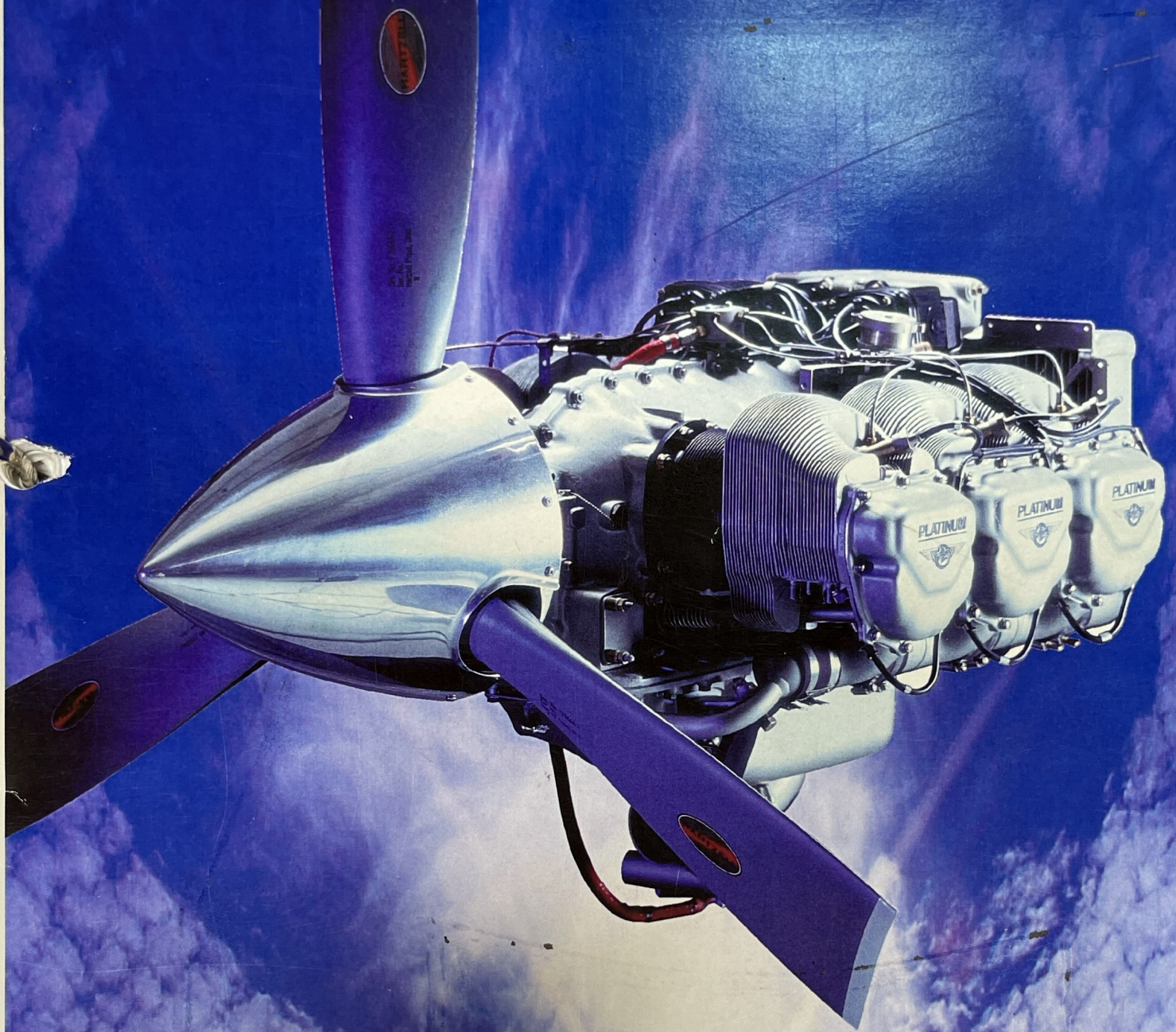


PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

**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: 06/15/2009

Test Date: 06/13/2009

This engine model I0550N60B, serial number 1000537 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.

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 →

ENGINE MODEL IO-550-N
ENGINE S/N 1000537
REG# N700AA
WORK ORDER
13571-04-2010



Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone 218-788-3438

DATE 4/30/2010
A/C TSN 177 8
ENG IT 177 8
HOBBS 215 9

Engine Entries

(10) Changed engine oil and filter, Champron CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks with satisfactory results. All work was accomplished IAW Cirrus SR22 AMM 12-10. (11) Complied with Tomado Alley Turbo Service Instructions TAT SI08-01 Rev A Oil-Breather Fitting Inspection/Cleaning. Due again at next oil change or 227.8 flight hrs.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CBS YD5R855Y.

DATE: 4/30/2010

SIGNED: *Nick Lacoursiere*
Nick Lacoursiere
Certified Repair Station No. YD5R855Y

Work Order: 13571-04-2010

Printed by EBis 3 (datcomedia.com)



Engine Log Entry

REG#	N700AA	MFG	TCM	MODEL	IO-550-N	S/N	1000537
WO#	10527	Hobbs	234.4	Flight	192.5		
DATE	06/2/10						

- Completed Cirrus/TCM 200 Hour Maintenance Interval.
- C/W SID97-3, no adjustments needed.
- Test run good, no leaks.

CYLINDER COMPRESSIONS M.O# 43

1	2	3	4	5	6
68/80	65/80	72/80	60/80	60/80	65/80

Only those items specified in the Work Order have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.

Authorized Signature *J. Liu*
License # / Type *91070850*

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	→				



Cirrus Factory Authorized Service Center
Cessna, Beech, Piper Piston Singles & Twins
2580 SE Aviation Way Ste 102
Stuart, FL 34996 PH (772) 781-0610
Rick@eastcoastaviatonservice.com

4/2/12 N256AW TCM IO-550-N (60) H.M.333.5 FL H.M.269.4
Preformed pre buy evaluation oil sample taken, oil filter removed and cut open no contamination noted, serviced engine with 2 qts of Exxon Elite 20W/50, compression checked as follows (1) 70 (2) 65(3) 70 (4) 68 (5) 68 (6) 70 /80 master orifice 43, operational check preformed no discrepancies noted. *[Signature]* A&P#3104910

ENGINE MODEL: ASAP Aviation, llc.
ENGINE S/N: 4511 Eddie Rickenbacker
REG. NO. 256AW Addison, TX 75001
WORK ORDER. 0308 Phone: 972-977-1402

DATE: 4/27/2012
A/C TSN: 278
ENG TT: 278
HOBBES: 343.3

Engine Entries

Complied with SB 2X-74-01 by installation of RHB-32E massive electrode spark plugs.... Complied with TATI SB 10-02 RevB (Tailpipe hanger brackets) by installation of new hangers on LH and RH sides.... Found TATI SB 10-01 (Alternate Air Door Hinge Pin Inspection) to have been previously complied with. Hinge pin has retention on both ends. Next inspection due at annual inspection.

DATE: 4/27/2012

SIGNED: *Mike Sammons*
Mike Sammons, A&P: 2678401

Work Order: 0308

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: ASAP Aviation, llc.
ENGINE S/N: 4511 Eddie Rickenbacker
REG. NO: 256AW Addison, TX 75001
WORK ORDER: 0422 Phone: 972-977-1402

DATE: 11/27/2012
A/C TSN: 338.6
ENG TT: 338.6
HOBBES: 436

Engine Entries

Drained oil. Collected oil sample and forwarded to Blackstone Labs for analysis. Removed oil filter and opened, no metal noted. Installed new filter, P/N CH48108-1. Serviced engine with 8 quarts Phillips 20W50. Ran engine, no leaks noted.

DATE: 11/27/2012

SIGNED: *Mike Sammons 2678401 A/P*

Work Order: 0422

Printed by EBis 3 (datcomedia.com)



REG No: 256AW
Engine Model: IO550N
Engine S/N: 1000537
Engine TT: 415.9

A/C TSN: 415.9

HOBBES: 508.5

PlaneSmart Aviation
15841 Addison Road
Addison, TX 75001

Engine Entries:

Removed #4 cylinder P/N 655932E S/N S-3181 and sent to Sal's Aircraft Cylinders for overhaul. Reinstalled cylinder after overhaul IAW Cirrus SR22 AMM and Continental Maintance Manuals.
I certify that work performed to be in an airworthy condition.

Cliff Selu

Cert. #: 3360520 A+P

Date: 06-07-13

ENGINE ENTRIES

TCM Model: IO-550-N(60)B S/N: 1000537
N256AW Cirrus SR-22 S/N: 3465 TTIS: 415.9 Hour Meter: 508.5 Date: 6/7/2013

Complied with a 100 hour inspection referencing the Cirrus Design SR 22 AMM, chapter 5 20 and 5 30 checklists. Compressions as follows: 1)60/80, 2)72 /80, 3)54/80, 4)65/80, 5)68/80, 6)73/80, Master Orifice 44/80. Drained oil. Collected oil sample and forwarded to Blackstone Labs for analysis. Removed oil filter and opened, no metal noted. Installed new filter, P/N CH48108-1. Serviced engine with 8 quarts Phillips XC 20W50. Ran engine, no leaks noted. Complied with the following Tornado Alley Turbo, Inc. bulletins/instructions S111-03 (Turbo Support Assemblies)annual recurring inspection, S111-01(Slip Joint Insp.) 50 hr recurring inspection, S108-05(Air Filter Recharge)100 hour/Annual recurring inspection, S108-04(Heat Augmenter Insp.)50 hr recurring inspection, S108-01(Breather Discharge Tube Cleaning/Inspection)50 hr recurring inspection, SB11-04(Oil Inlet Screen)annual recurring inspection, SB11-02(Fuel Pump Mixture Shaft Seal Leak)50 hr and annual recurring inspections, SB10-02(Tailpipe Hanger Insp.)100 hour recurring inspection, SB10-01(Alternate Air Door Hinge Insp.)annual recurring inspection and SB09-01(T/C Mount Flange Crack Insp.)50 hour recurring. Installed new turbocharger Vee Band clamps, P/N 9956t-0339 on LH and RH sides. Removed existing #1 alternator and replaced with new P/N ES-10024, S/N H-M111969, ops checks good. Installed a new magneto pressurization filter, P/N 04-6700015. Removed existing magnetos. Installed overhauled/exchange LH and RH magnetos, P/N's 10-500556-101, S/N's D09EA019 and D09EA011 respectively after overhaul/500 hr inspection by Quality Aircraft Accessories, Inc. on W.O.'s WO1170008173.002 and WO117008173.001. Set magneto-to-engine timing, Ops and leak checks good. At the A/C compressor drive assy, installed new drive isolators at all positions.

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

Mike Jammons Cert #: AP 2678401 IA Date: 6-7-2013

REG No: 256AW
Engine Model: IO550N
Engine S/N: 1000537
Engine TT: 478.6 A/C TSN: 478.6 HOBBS: 478.6



PlaneSmart Aviation
15841 Addison Road
Addison, TX 75001

Engine Entries:

Complied with Annual inspection IAW the Cirrus Design SR-22T AMM, chapter 5-20 &5-30 checklist. Compressions as follows: 1)70/80 2)74/80 3)69/80 4)78/80 5)60/80 6)75/80. Master Orifice: 46/80. Removed, cleaned, inspected and reinstalled all sparkplugs. Removed, cleaned, inspected, and reinstalled all fuel injectors and new gaskets and o-rings P/N 640612, P/N X1473, and P/N 630979-9. Drained oil, collected oil sample and sent to Blackstone Labs for analysis. Removed oil filter and opened, no metal found. Installed new oil filter, P/N AA48108-2 and serviced with 8 quarts of Phillips Victory 100AW. Checked fuel flow IAW SID 97-3E, adjusted manifold pressure and fuel flow as necessary. Performed engine run up, no leaks found.

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service.

Joe Borden Cert #: IA3494011 Date: 07-25-2014

ENGINE MODEL:
ENGINE S/N:
REG. NO: N256AW
WORK ORDER: 115218



Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 11/30/2015
A/C TSN: 527
ENG TT: 78.2
FLIGHTTIME: 527

Engine Entries

Performed engine 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30..The cylinder compression was checked with the following results: #1, 66/80 #2, 72/80 #3, 62/80 #4, 74/80 #5, 66/80 #6, 70/80 psi. Master orifice 43/80..The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..Replaced all spark plugs with Tempest P/N:URHB32E..Adjusted magneto to engine timing to 22°.Replaced LH fwd exhaust shield..Replaced garlock seal at A/C shaft..Installed next size up pins on slave waste gate..Installed R/H exhaust manifold after repair..Performed engine set-up IAW CMM..Installed new engine air intake "Y" chafe pad.Replaced all rocker box cover gaskets..Installed new intake clamp

Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/30/2015

SIGNED:

May, Kevin
Certified Repair Station No. 5CSR009B

Work Order: 115218

Printed by EBis 3 (datcomedia.com)

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



DATE: 01-10-2017. ENG: IO-550N(60B).
 REG. #: N256AW. ENG S/N: 1000537.
 A/C S#: 3465. FLIGHT: 560.1 Hrs.

(Hobbs: 681.6 Hrs.) Performed Engine 100hr inspection I.A.W. F.A.R. Part 43, Appendix D. Engine compression checks as follows:

M.O.	#1.	#3.	#5.	#2.	#4.	#6.
45/80.	60/80.	60/80.	60/80.	62/80.	51/80.	71/80.

Drained engine oil, took Blackstone oil sample, removed engine oil filter, inspected oil filter media for contaminants with none found, installed new oil filter Champion P/N:CH48108-1 & safetied, replenished engine with 7qts of Phillips 20W 50 engine oil; Serviced all engine fuel injector nozzles, & re-installed in proper location; Performed engine fuel system functional inspection & adjustments; Lubricated throttle, mixture, & propeller governor control cable rod-end linkages; Adjusted left & right magneto to engine timing to specification, Replaced left and right magneto ignition harness with new PN: 10-423674-33; Performed all Recurring Tornado Alley Turbo **Mandatory** Service Bulletin Inspections- SB10-01, SB10-02, SB12-02 & SB09-01; Owner/Operator declined all TATI **Recommended** Service Instructions and Service bulletins- S108-01 Rev A, S108-04, S108-05 REV A, S111-01 REV A, S111-03, & SB11-04; All other applicable engine service bulletins & airworthiness directives were found in compliance at the time of inspection; All work performed using T.C.M. M-16 M.M, T.C.M. FI-2, SID97-3G, Tornado Ally Turbo 22-6460004, & Cirrus (SR22) A.M.M. as reference for scope of maintenance tasks. Details of work performed under Tidal Aviation W.O.# N256AW-20160198; Engine & components operational & leak checks satisfactory for return to service.

Ezequiel Russian
 Ezequiel Russian.
 A&P #: 3845964.

DATE: 1-10-2017
 REG. #: N256AW.
 A/C S#: 3465.

ENG: IO-550N(60B).
 ENG S/N: 1000537.
 FLIGHT: 560.1Hrs.



(Hobbs: 681.6 Hrs.) I certify an Annual Inspection was performed I.A.W. the requirements of FAR 43 Appendix D, and this Engine is approved for return to service; All applicable Airworthiness Directives were found in compliance at time of inspection; Details of work performed under Tidal Aviation W.O.# N256AW-20160198

Scott Armstrong
 SCOTT ARMSTRONG.
 A&P #: 2817974 I.A

ENGINE MODEL: IO-550-N(60B)
 ENGINE S/N: 1000537
 REG. NO: N256AW
 WORK ORDER: 200632

Clear Star Aviation
 Repair Station No. 5CSR009B
 4765 Frank Luke Dr
 Addison, TX 75001
 Phone: 972-267-2376

DATE: 5/11/2017
 A/C TSN: 620.4
 ENG TT: 620.4
 FLIGHTTIME: 620.4

Engine Entries

The oil and filter was changed and serviced with 7 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories..installed new L/H exhaust manifold p/n 22-6850011

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 5/11/2017 SIGNED: *Doug Longaker*
 Longaker, Doug
 Certified Repair Station No. 5CSR009B

Work Order: 200632
 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N(60B)
 ENGINE S/N: 1000537
 REG. NO: N256AW
 WORK ORDER: 200909

Clear Star Aviation
 Repair Station No. 5CSR009B
 4765 Frank Luke Dr
 Addison, TX 75001
 Phone: 972-267-2376

DATE: 11/29/2017
 A/C TSN: 710.8
 ENG TT: 710.8
 FLIGHTTIME: 710.8

Engine Entries

Removed, cleaned, and insp. spark plugs..Adjusted low side fuel pressure, idle and idle mixture. Performed engine run, OK.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 11/29/2017 SIGNED: *Doug Longaker*
 Longaker, Doug
 Certified Repair Station No. 5CSR009B

Work Order: 200909
 Printed by EBis 3 (datcomedia.com)

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.

DATE: 7/3/2017
A/C TSN: 638.6
ENG TT: 638.6
FLIGHTTIME: 638.6

Brought Forward

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 200698

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

Engine Entries

Removed and reinstalled fuel pump P/N ETI-SR22-2-12 S/N GP5543 after overhaul, performed fuel flow setup IAW SID97-3. ops/leak check satisfactory.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 7/3/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200698
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 200820

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 9/19/2017
A/C TSN: 670
ENG TT: 670
FLIGHTTIME: 670

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 9/19/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200820
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 200933

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 12/9/2017
A/C TSN: 725.1
ENG TT: 725.1
FLIGHTTIME: 725.1

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 12/9/2017

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200933
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 200950

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 1/10/2018
A/C TSN: 733.6
ENG TT: 733.6
FLIGHTTIME: 733.6

Engine Entries

Installed fuel pump P/N ETI-SR22-2-12 S/N GP5543 after bench test. Removed and installed all upper deck reference lines and injectors using new gaskets and seals.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 1/10/2018

SIGNED:

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200950
Printed by EBis 3 (datcomedia.com)

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



16111 Addison Road, Suite 100, Addison, TX 75001

972-866-8814

ENGINE LOGBOOK ENTRY

N256AW

Cirrus SR22 S/N 3465 Hobbs: 915.5 FLT Hobbs: 743.2 AFTT: 743.2 2/22/20118
IO-540-N60B S/N 1000537 TSN: 743.2

100 Hour / Annual inspection performed Compressions #1 63/80, #2 70/80, #3 50/80, #4 70/80, #5 76/80 (after repair), #6 76/80, Change oil and filter, Cut removed filter check for metal none found, Serviced with 10qts Phillips X-C 20W50, Installed new AA48108-2 filter, Install new URHB32E spark plugs, Clean fuel nozzles, re-install using new P/N MS29513-010 & 640612 seals, Remove #5 cylinder for repair at Sal's Aircraft Cylinders under WO# S-5349, Installed using new seals and gaskets provided rings fitted at Sal's, **AD# 16-16-12 & 14-05-28** not applicable affected parts not installed, Replace all rocker cover gaskets with P/N 1366-1 gaskets, Install new P/N 1396-1 Magneto Filter, Install new P/N652101 Gasket & P/N 652100 e Gasket on left turbocharger, Install new gasket P/N653981 Alternator Gasket, I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

Allan Martin

A&P3613454IA



16111 Addison Road, Suite 100, Addison, TX 75001

972-866-8814

ENGINE LOGBOOK ENTRY

N256AW

Cirrus SR22 S/N 3465 Hobbs: 934.2 FLT Hobbs: 757.4 AFTT: 757.4 3/12/20118
IO-540-N60B S/N 1000537 TSN: 757.4

Adjusted takeoff RPM to 2680 and Manifold to 30.8 fuel flow is 34.3, Replaced Garlock seal P/N MS9134-01 and gasket P/N 25102 on air conditioner drive pad. Ground run and leak checked. I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

Joseph L Brown

A&P2226812

ENGINE MODEL:
IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 201125

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 4/11/2018
A/C TSN: 792.9
ENG TT: 792.9
FLIGHTTIME: 792.9

Engine Entries

The oil and filter was changed and serviced with 7 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 4/11/2018

SIGNED:

Work Order: 201125

Longaker, Doug
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

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

Brought

ENGINE MODEL:
IO-550-N(BOB)
ENGINE S/N 1000537
REG NO N256AW
WORK ORDER: 201188

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 5/31/2018
A/C TSN: 851.1
ENG TT: 851.1
FLIGHTTIME: 851.1

Engine Entries

The oil and filter was changed and serviced with 8 quarts of Phillips 20W-50 X/C and a new AA48108-2 filter. An oil sample was collected for analysis by Blackstone Laboratories.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 5/31/2018

SIGNED:

Johnson, Jacob
Certified Repair Station No. 5CSR009B

Work Order: 201188

Printed by EBis 3 (datcomedia.com)

FLIGHTSTAR AEROMOTIVE

16111 Addison Road, Suite 100, Addison, TX 75001
972-866-8814

ENGINE LOGBOOK ENTRY N256AW

Cirrus SR22 S/N 3465 Hobbs: 1113.9 FLT Hobbs: 903.8 6/28/2018
IO-540-N60B S/N 1000537 TSN: 903.8 AFTT: 903.8

Change oil and filter, Cut removed filter no metal found, Serviced with 8 qts Phillips 20W50 XC oil and installed new P/N AA48108-2 oil filter. Ground run and leak checked. I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

Joseph L Brown
A&P2226812

FLIGHTSTAR AEROMOTIVE

16111 Addison Road, Suite 100, Addison, TX 75001
972-866-8814

ENGINE LOGBOOK ENTRY N256AW

Cirrus SR22 S/N 3465 Hobbs: 1183.3 FLT Hobbs: 961.1 AFTT: 961.1 7/23/20118
IO-540-N60B S/N 1000537 TSN: 961.1

Change oil and filter, cut removed filter no metal found, serviced with 8 qts Phillips 20W50 XC oil and installed new P/N AA48108-2 oil filter. Install new URHB32E spark plugs and torque as needed, Ground run and leak checked. I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

Joseph L Brown
A&P2226812

Engine Service and Maintenance Record

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



16111 Addison Road, Suite 100, Addison, TX 75001
972-866-8814

ENGINE LOGBOOK ENTRY N256AW

Cirrus SR22 S/N 3465 Hobbs: 1247.9 FLT Hobbs: 1014.5 AFTT: 1014.5 10/22/2018
IO-540-N60B S/N 1000537 TSN: 1014.5
Change oil and filter, cut removed filter no metal found, serviced with 8 qts Phillips 20W50 XC oil and installed new P/N AA48108-2 oil filter. Install new P/N 24585-001 ET probe in #5 position, Ground run and leak checked. I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

[Signature]
Joseph L Brown
A&P2226812

DATE: 12/14/2018
A/C TSN: 1015.0
ENG TT: 1015.0
FLIGHTTIME: 1015

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 201387

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

Engine Entries
Removed cylinder #3 PN:655932A3 SN:AC08KA940 to send out for repair IAW IO-550-N Maintenance Manual Chapter 12-13. Installed cylinder #3 overhauled by Sal's Aircraft Cylinders work was performed IAW IO-550-N maintenance manual chapter 17-3. Operational and leak check good. Installed new support rod sleeves on the LH and RH. Ref Tornado Ally Turbo CAM 22-6460004 Page 25 Sec. A. Replaced slave wastegate hardware in accordance with TAT Drawings 22-5650008. Adjusted oil pressure to 52 PSI IAW TCM IO-550 M-0 MM 6-4.10.1. Adjusted fuel flow to 35.6 GPH at full RPM. Ref Tornado Ally Turbo ICA Manual 22-6460004 Engine section F.10b

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 12/14/2018 SIGNED: *[Signature]* Work Order: 201387
Printed by EBis 3 (datcomedia.com)
Johnston, Jacob
Certified Repair Station No. 5CSR009B

ENGINE MODEL: IO-550-N(60B)
ENGINE S/N: 1000537
REG. NO: N256AW
WORK ORDER: 201482

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 2/13/2019
A/C TSN: 1021.1
ENG TT: 1021.1
FLIGHTTIME: 1021.1

Engine Entries
Trouble shot high CHT #3 Low EGT #3 Cleaned fuel nozzle Checked probes connectors. Compression on Cyl #3 38/80 PSI MO 43/80. Borescope Completed Found Cylinder#3 walls to be in poor condition. Sent Cylinder to Sal's aircraft Cylinders inc. Cert # 3317562 Invoice number S-5890 dated 02/12/2019. Reinstalled cylinder and ran engine. Operational check good. Cylinder compression is 60/80 at this time. Ref Continental IO-550-N MM 17-3

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 2/13/2019 SIGNED: *[Signature]* Work Order: 201482
Printed by EBis 3 (datcomedia.com)
Johnston, Jacob
Certified Repair Station No. 5CSR009B

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 →					



16111 Addison Road, Suite 100, Addison, TX 75001
972-866-8814
ENGINE LOGBOOK ENTRY
N256AW

Cirrus SR22 S/N 3465 Hobbs: 1261.9 FLT Hobbs: 1023.2 AFTT: 1032.2 6/07/2019
10-550-N60B S/N 1000537 TSN: 1023.2

Annual inspection performed, Compressions #1 52/80, #2 50/80, #3 64/80, #4 60/80, #5 70/80, #6 66/80, Change oil and filter cut removed filter no metal found, Serviced with 8qts Phillips 20W50 oil, installed new oil filter P/N AA48108-2 filter, Install new P/N 1396-2 mag air filter, Clean all fuel nozzles and re-install using new nozzle and upper deck MS29513-010, SA64062 seals, Clean, gap and test spark plugs, 500 hr. Magneto inspection/performed at CRS# QYIR334Y under WO# 051251 for left and 051252 for right on 10-500556-101 Bendix Magneto's S/N L/H D09EA019, and R/H D09EA011 using new 10-357520 harness gaskets, Install new #1 alternator P/N ES-10024 S/N H-S100680, Install new P/N 657970 alternator belt on #2 alternator and installed new MS28775-228 seal on propeller flange, Adjusted takeoff manifold pressure to spec., Install new P/N 22-6850003 R/H exhaust stack ASSY, Reset #2 EGT probe in stack, Install new P/N MS35842-13 intake clamps on #4 & #6 intakes, Replace fresh air duct to heat muff with Scelet 5, Replace left tailpipe grounding strap, Ground run and leak checked. I certify this engine has been inspected and/or repaired in accordance with current Federal Aviation Regulations and has been determined to be in airworthy condition with respect to work performed.

Joseph L. Brown
A&P 2226812

9/19/2019	1323.7(H)	1078.9(F)	Oil change. Log entry in Aircraft Log.
-----------	-----------	-----------	--

Make: Cirrus
Model: SR22(TN)
Reg. Number: N256AW / Serial No: 3465
Engine Serial No: 1000537



Date: 12/11/2019
Hobbs: 1374.4
Flight: 1124.6

Engine Log Entry

Complied with 50hr oil change. Serviced with 7qts 20W-50 X/C and a new CH48108-1 filter IAW Cirrus SR22 AMM CH12-10 B. Cut oil filter open, no defects noted. An oil sample was taken and sent to Blackstone Laboratories for analysis. I certify that the work performed to be in airworthy condition.

Cliff Gerber
Cliff Gerber A&P 3360520

**N256AW Airframe Logbook Entry
3465**

6/03/2020 Hobbs. 1429.1
Changed oil and filter. Serviced with Aeroshell 15W50. Cut open filter. No metal noted. Run up and leak check OK.

Brent G. Smith
Brent G. Smith A&P 3523167IA

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.	

Broug Make: Cirrus
 Model: SR22(TN)
 Reg. Number: N256AW / Serial No: 3456
 Engine Serial No: 1000537



Date: 9/18/2020
 Hobbs: 1470.5
 Flight: 1207.1

Engine Log Entry

Performed 100hr/Annual Inspection IAW TCM MM, Cirrus SR22 AMM CH5-20 & CH5-30 and TATurbo Manuals 22-6460004 ICA. Complied with 50hr oil change, serviced with 7qts Phillips 66 20W-50 X/C and AA48108-2 oil filter IAW Cirrus SR22 AMM CH12-10 B, cut oil filter open, no defects noted. Oil sample taken and sent to Blackstone Laboratories for analysis. Compressions: #1-68/80 #3-72/80 #5-70/80 #2-43/80 #4-66/80 #6-70/80 MO-44/80. Removed #2cylinder P/N 646565A1 S/N AC08LA458 and installed overhauled cylinder by Sa's Aircraft Cylinders, Invoice F3650, P/N 646565A1 S/N S-6071-1, leak check good, new cylinder compression 77/80. Replaced oil tube gasket and O-rings P/N 649965 gasket, MS9970-116 and MS9970-117 O-rings, leak check good. Performed dye pen inspection on #3cylinder, suspected crack between spark plug hole and injector hole, inspection proved not to be cracked. Checked and timed magnetos to 21.5° as needed. Lubricated all engine controls. Removed, cleaned, inspected and re-installed all fuel injectors with new X1473 gaskets, 640612 rubber washers and 630979-9 O-rings. Replaced both V-band clamps P/N 11-1100023. Replaced slave wastegate with new P/N 22-6150026 with new gaskets P/N FG0120830, ops/leak check good. Replaced all slave wastegate hardware P/Ns MS20392-2C13 pin, MS20392-1C13 pin, FG0120830 clip and LEM120D03S spring. Replaced slave wastegate clevis knuckle P/N 22-5600001. Complied with TATurbo ICA 10yr flammable fluid carrying hose replacement. Replaced LH wastegate hardware P/Ns MS20392-1C25 pin and MS24665-134 cotter pin. Replaced oil filter adapter gasket P/N 649991 with new, leak check good. Replaced starter drive adaptor gasket P/N 653470 and starter drive adaptor cover O-ring P/N 630979-24 with new, leak check good. Removed 1" of damaged case breather hose at exhaust and connected after cleaning port. Replaced 3 intake worm gear clamps with new P/N AN737TW82. Replaced all exhaust/turbo support brackets and aft bolts P/Ns 22-6250005 bracket, 22-6250006 bracket and MS21250-05020 bolts. Performed ground runs and engine adjustments as needed, leak/ops check good.

I certify that this engine has been inspected in accordance with an 100hr/Annual Inspection and was determined to be in airworthy condition at this time.

Cliff Gerber
 Cliff Gerber A&P 3360520 IA

ENGINE MODEL
 ENGINE S/N
 REG NO N256AW
 WORK ORDER
 TKI0589-09-2020

CIRRUS Cirrus Design Factory Service Center
 4961 Airport Road
 Duluth MN 55811
 Phone 218-788-3049

DATE 9/24/2020
 A/C TSN 1207.5
 ENG TT 1207.5
 TSMOH
 HOBBS 1471.2

Engine Entries

- (13) Performed engine cylinder inspection in accordance with CMI Maintenance Manual M-0, chapter 6-31. Compression results: 1) 55/80 2) 63/80 3) 72/80 4) 44/80 5) 60/80 6) 70/80. Master orifice: 42.
- (20) Adjusted fuel flow to 37.0 GPH per TATI ICA. Adjusted Idle RPM to 750 per Continental MM M-0 6-4.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of this work order are on file at this Certified Repair Station CRS YD5R8857.

DATE: 9/24/2020 SIGNED: *Jeffrey Bridges* Work Order: TKI0589-09-2020
 Jeffrey Bridges Printed by EBis 3 (datcomedia.com)

L&M AIRCRAFT INC. ROME, GA 30165

N256AW Continental IO-550-N S/N: 1000537 Flight: 1254.8 February 8, 2021
 Drained oil, removed and inspected filter, serviced with 7 Qts. Phillips X/C 20W-50.
 Installed new AA48108-2 filter. Adjusted Turbo Controller. Run and leak checks good
 This aircraft is approved for returned to service for work performed

Luke Ryan
 A&P 4394976 *Luke H. Ryan*

