

# PLATINUM ENGINE LOG BOOK

N811JM T



**CONTINENTAL MOTORS**



# CONTINENTAL MOTORS

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



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

Printed: 06/14/2008

This engine model I0550N51, Serial No. 691783 was manufactured on 06/14/2008 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.



**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

811 JT

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: FAA/United States		2.		3. Form Tracking Number: P6999	
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4. Organization Name and Address: Pacific Continental Engines, Inc. 10500 Airpark Way, Bldg M10, Pacoima, CA 91331 FAA Repair Station TZ3R885L				5. Work Order, Contract, or Invoice Number: 25537 (2 Pages - 11/16/2010)	
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6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Cylinder Assembly	655932A3	N/A	5	AC08DB071, AC08DB060, AC08DB055, AC08DB079 &	Repaired

13. Remarks: Cleaned, dimensional inspected, NDT inspected, replaced exhaust guides, ground intake and exhaust seats, lapped intake and exhaust valves to seats, honed barrel for ring finish, painted, sized rings, assembled customer parts in accordance with TCM manuals X30568A and X30569A : 5-636242 guide, 5-655771 valve, 5-646985 seal, 20-24802 key, 5-654716P005 ring set, and 5-646565A1 gasket set.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certified that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.	
--	--	---	--

15. Authorized Signature:	16. Approval Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: TZ3R885L
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Chris Padilla	23. Date (m/d/y): NOV-03-2010

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



**Bridgetown Flying Services**

**Engine Log Entry  
N811JM**

**Flight Meter: 38.9 Hour Meter: 50.4 ETSN: 38.9**

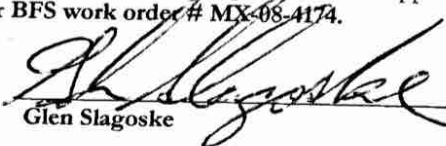
8-13-2008 TCM IO-550-N (51) s/n: 691783

Performed the following maintenance:

- Removed and replaced starter adapter gasket (p/n: 653470) with new.
- Removed and replaced fuel pump gasket (p/n: 649982) with new.
- Removed and replaced oil pump base gasket (p/n: 649949) with new.
- Removed and replaced oil filter adapter gasket (p/n: 649991) with new.
- Removed and replaced oil suction plug gasket (p/n: MS35769-11) with new and lockwired plug.
- Removed and replaced oil filter (p/n: CH48108-1) with new and lockwired.
- Serviced with 1 quart Aeroshell Straight 100 Mineral Oil.

Systems interrupted due to maintenance have been operationally and/or leak checked with no defects noted. The engine, and/or components, identified above, was repaired and inspected in accordance with the TCM Permold Series Models IO-550-A, B, C, G, N, P & R Maintenance Manual, TCM SB 96-7C, TCM SIL 99-2B and current Federal Aviation Regulations and is approved for return to service for the work performed. Pertinent details of work are on file under **BFS work order # MX-08-4174**.

**Bridgetown Flying Services  
Napa, CA 800 229 6272**



Glen Slagoske

CRS# AWQR303C

# 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.
11/05/08				
Brought Forward	→		HOBBS 126.2 - FLT 100.1	

CHANGED OIL, CHANGED OIL FILTER, SERVICED WITH AEROSHELL W100. 9W 100MM TSP TAW CIRRUS AND TEL. CONTINENTAL M.M.

I Certify That This ENGINE Has Been Inspected In Accordance With 100hr Inspection And Was Determined To Be In Airworthy Condition.

H. Lemmerts AP 2010282

GA Maintenance, LLC  
1635 N.W. 51st Place, Bldg. 31 - A  
Fort Lauderdale, FL 33309  
Phone: 954-202-5995

Engine Log Cirrus Design Model: SR22T Serial: 3127 Tail: N811JM  
Flight: 199.9 Hobbs: 259.1

Complied with Cirrus 100Hr Inspection, SID 97-3 (fuel pressure)  
Changed Oil with aeroshell W100 oil and oil filter.

01 May, 2009  
Lumpfrey Lemmerts  
  
2010282  
AP

# PLATINUM

1635 NW 51 PLACE  
HANGAR 31-A  
FORT LAUDERDALE, FL 33309  
(954) 771-1288

Make: CIRRUS Model: SR22T Serial: 3127 Registration: N811JM Tach: 246.1 Hobbs: 320.7

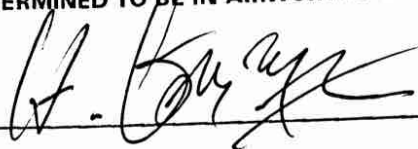
PERFORMED ENGINE 100 HOUR INSPECTION. DRAINED OIL AND SERVICED WITH AEROSHELL 15W50 MULTIGRADE AND CHAMPION OIL FILTER 48108-1. COMPLIED WITH SID 97-3E. COMPRESSION CHECK: #1 78/80, #3 76/80, #5 76/80, #2 78/80, #4 76/80, #6 76/80.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

W/O: 09-212

Date 20-JULY 2009

Humphrey Lemmers



AP2010282

# PLATINUM

1635 NW 51 PLACE  
HANGAR 31-A  
FORT LAUDERDALE, FL 33309  
(954) 771-1288

Make: CIRRUS Model: SR22 Serial: 3127 Registration: N811JM Tach: 293.9 Hobbs: 379.1

DRAINED OIL AND SERVICED WITH AEROSHELL 15W50 AND CHAMPION OIL FILTER 48108-1.

W/O: 09-252

Date OCTOBER 2, 2009

Humphrey Lemmers



AP2010282

# PLATINUM Service

1635 NW 51 Place  
Hangar 31-A  
Fort Lauderdale, FL 33309  
(954) 771-1288

## Engine Logbook Entry

Name: Stratus Air LLC	Tail: N811JM	Tach: 345.2
W.O.: 15	Serial: 691783	Total time: 345.2
Date: 12.3.2009	Model: IO-550N	LSMOII

Replaced three spark plugs with Champion RHB32S. Completed 100Hr aircraft inspection IAW Cirrus SR22 MM & MM checklist. Compressions #1=72, #2=60, #3=60, #4=72, #5=72, #6=60/80, IAW TCM SB, master orifice reading 42. I certify this engine has been inspected IAW a 100Hr inspection and is found airworthy at this time.

Signature: \_\_\_\_\_

Glenn Juber A&P IA 40600028

ENGINE MODEL  
IO550N51  
ENGINE S/N 691783  
REG NO N811JM  
WORK ORDER 0090

### PLATINUM Service

#### Platinum Aviation Service

1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

DATE 01 April, 2010  
A/C TSN 401.7  
ENG TT 401.7  
FLIGHTTIME 401.7

### Engine Entries

Completed 50Hr in service inspection this date IAW Cirrus SR22 MM & MM checklist. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.

DATE: 01 April, 2010

SIGNED: \_\_\_\_\_

Glenn Juber A&P 3428378

Work Order. 0090

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ENGINE MODEL  
IO550N51  
ENGINE S/N 691783  
REG NO N811JM  
WORK ORDER 0090

**PLATINUM Service**

**Platinum Aviation Service**  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

A/C TSN 401 7  
ENG TT 401 7  
FLIGHTTIME 401 7

**Engine Entries**

Completed 50Hr in service inspection this date IAW Cirrus SR22 MM & MM checklist. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.

DATE: 01 April, 2010

SIGNED:



Work Order: 0090

Glenn Juber A&P 3438378

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ENGINE MODEL  
IO550N51  
ENGINE S/N 691783  
REG NO N811JM  
WORK ORDER 0156

**PLATINUM Service**

**Platinum Aviation Service**  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

DATE 07 June 2010  
A/C TSN 453 4  
ENG TT 453 4  
FLIGHTTIME 453 4


**Engine Entries**

Completed annual engine inspection this date IAW Cirrus SR22 MM & MM checklist. AD's current through issue 2010-14. C/W TCM cylinder inspection SB03-3, compressions: #1=56 #2=55 #3=58 #4=60 #5=68 #6=72/80. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.  
R/R WITH NEW CHAMPION SPARK-PLUG # RHB32-S (B).

I certify that this engine has been inspected IAW an Annual inspection and is found airworthy at this time

DATE: 07 June, 2010

SIGNED:



Work Order: 0156

Glenn Juber A&P 3438378

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ENGINE MODEL  
IO550N51  
ENGINE S/N 691783  
REG NO N811JM  
WORK ORDER 0204

**PLATINUM Service**

**Platinum Aviation Service**  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

DATE 27 July 2010  
A/C TSN 509 7  
ENG TT 509 7  
FLIGHTTIME 509 7

**Engine Entries**

Completed 50Hr in service inspection this date IAW Cirrus SR22 MM & MM checklist. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50.  
R/R CHAFE PROTECTOR WITH NEW P/N 22-6100025.

DATE: 27 July, 2010

SIGNED:



Work Order: 0204

Glenn Juber A&P 3438378

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ENGINE MODEL  
IO550N51  
ENGINE S/N 891783  
REG NO N811JM  
WORK ORDER 0218

**PLATINUM Service**

Platinum Aviation Service  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

A/C TSN 564 5  
ENG TT 564 5  
FLIGHTTIME 564 5

**Engine Entries**

Completed 100Hr engine inspection this date IAW Cirrus SR22 MM & MM checklist. AD's current through issue 2010-15. C/W TCM cylinder inspection SB03-3, compressions: #1= 60/80 #2=38/80 #3=54/80 #4=54/80 #5=66/80 #6=71/80. (M.O.=49) Replaced oil filter PN#CH48108-1, serviced with #7 qt Aeroshell 50/100 straight mineral oil.  
RMVD SHAFT HUB ASSY. REMOVED DEFECTIVE GUARD-SEAL. INSTALL NEW GUARD-SEAL I.A.W. T.C.M. M.M  
R/R WITH OVERHAULED CYLINDER #2 I.A.W. T.C.M. M.M  
R/R SHAFT HUB & REPLACED ATTACH. BOLT SPACERS I.A.W. CIRRUS M.M.

DATE: 13 August, 2010 SIGNED: 

Alberto Wolfgang Roncon Veras A&P 3186786

Work Order: 0216

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Cirrus Factory Authorized Service Center  
Cessna, Beech, Piper Piston Singles & Twins  
2580 SE Aviation Way Ste 102  
Stuart, FL 34996 PH (772) 781-0610  
[eastcoastaviation@att.net](mailto:eastcoastaviation@att.net)

9/21/10 N811JT IO-550N SN#691783 H.M.728.9 F.L.H.M.581.6  
Oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Champion CH48108-1 and serviced engine with 7 qts of Aeroshell 15W-50, engine cleaned and operational check preformed.

 A&P#3104870

ENGINE MODEL  
IO550N51  
ENGINE S/N 891783  
REG NO N811JM  
WORK ORDER 0265

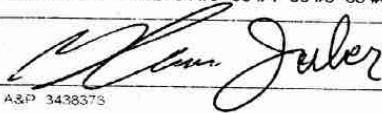
**PLATINUM Service**

Platinum Aviation Service  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

DATE: 08 September, 2010  
A/C TSN 582  
ENG TT 582  
FLIGHTTIME 582

**Engine Entries**

C/W TCM cylinder inspection SB03-3, compressions: #1= 74 #2=64 #3=60 #4=60 #5=68 #6=68/80

DATE: 08 September, 2010 SIGNED: 

Glenn Juber A&P 3438373

Work Order: 0265

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ENGINE MODEL  
IO550N51  
ENGINE S/N 891783  
REG NO N811JM  
WORK ORDER 0264

**PLATINUM Service**

Platinum Aviation Service  
1635 NW 51st Place - Hangar 31  
Fort Lauderdale, FL 33309  
Phone (954) 771-1288

DATE: 28 September, 2010  
A/C TSN 582  
ENG TT 582  
FLIGHTTIME 582

**Engine Entries**

REMOVED & INSPECTED R/H & L/H MAGNETOS I.A.W. BENDIX 500 HRS INSPECTION. INSTALLED BOTH MAGNETOS & TIMED ENGINE TO BOTH MAGNETOS.

DATE: 28 September, 2010 SIGNED: 

SIGNED:

# AIRCRAFT OIL SAMPLE SHIPPING FORM

Customer No. \_\_\_\_\_ Date 7/21/10

Customer TAS Aircraft Sales

Address 1250 NW Perimeter RD

City/State/Zip Trout Dale OK 77060

Person(s) To Notify:

(1) Steven Schwartz

Phone 310, 910-1827

Fax 772, 781-0610 Ruckelshaus

*Sampling tips on reverse side*

## PROCEDURE FOR SUBMITTING SAMPLE:

- 1) Clean around the drain plug
- 2) Drain oil while warm
- 3) Allow about a quart of oil to flow out; then obtain sample
- 4) Do not fill vial completely — 3/4 full is all that is needed; then tighten cap securely
- 5) Insert the sample and this shipping form into the mailing cylinder, screw cap on tightly, place shipping label and postage on cylinder and ship.

The laboratory will analyze your oil sample and mail results within 24 hours after receipt.

AIRCRAFT REGISTRATION NUMBER:

N- 8115T

AIRCRAFT MAKE & MODEL:

Cirrus SR22-3127

UNIT SAMPLED:

Engine  Trans \_\_\_\_\_ Other \_\_\_\_\_

POSITION OF UNIT:

Single  1  2  3  4  M/R  T/R

RH  LH  HYD

Serial No. 611783

Mfg/Model TCM T0550N51

TSN 581.6  TSTOH \_\_\_\_\_  TSMOH \_\_\_\_\_

Eng. Hrs. 581.6

Hours on oil 17.1

Oil Consumption unk

Oil Brand & Type Shell SAE Mineral oil

Oil Filter  Yes  No

## AVIATION OIL ANALYSIS

Staveley Services Fluids Analysis  
3319 W. Earll Drive  
Phoenix, AZ 85017  
(602) 253-6515

TCM400 Rev. 6/08

**CUSTOMER COPY**

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300 Airport Road  
Ada, Oklahoma 74820  
Phone (580) 332-3510  
Fax (580) 332-4577  
www.tat turbo.com

Date: 12/3/2010

\*\*\*\*\*CERTIFICATE OF CONFORMANCE\*\*\*\*\*

Newly Manufactured Parts

TATI Ship Doc 5473

Description of Unit : CUFFED SCEET CROSSOVER TO ALT AIR DOOR

P/N (s): 04-6400001-12-61-4 S/N N/A

Drawing No. (If Applicable) N/A Rev: N/A Date : N/A

Customer P.O. : 111240

These parts are a subcomponent of an FAA PMA part / assembly

The production approval holder, Tornado Alley Turbo Inc., pursuant to agreement with Engine Technologies Inc., hereby certifies that the parts described above, conform to the manufacturing, engineering process, testing, and procedures set forth by in the respective documents, identified above, or of none are specifically described, such parts conform to drawing No. MDL ETI-G2-1, Rev. G, Dated May 16, 2008

Dan Clemons, FAA DMIR

Director of Quality Assurance TATI

ENGINE S/N:  
REG. NO: 811JT  
WORK ORDER: 14218



Landmark Aviation, Inc.  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 12/2/2010  
A/C TSN: 609.2  
ENG TT: 609.2  
HOBBS: 609.2

**Engine Entries**

R&I Cyl # 1,3,4,5, & 6, Cylinders after repair by Pacific Continental Engines—R&R slave wastegate clevis pin w/new.—Replaced oil & w/ 8qts Aeroshell 100 Mineral

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 12/2/2010

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order. 14218

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Left center intake nose p...

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. W.O. C29-10-00669

Landmark Aviation

FAA LN3R663L

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 14462

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Main) 310-391-6293 (Avionics 310-391-0692)

DATE: 11 March, 2011  
A/C TSN: 667.9  
ENG TT: 667.9  
FLIGHTTIME: 667.9

**Engine Entries**

I certify that this Engine has been inspected in accordance with Airshares 200Hr Checklist----Perform engine compression check 1) 72/80 2) 80/80 3) 74/80 4) 76/80 5) 73/80 6) 76/80 ----Perform fuel pressure inspection I/A/W Tornado Alley ICA. ----Visual inspection of fuel injection nozzles for stains, security, and proper venting, no defects noted at this time. ----Replaced (1) spark plug w/new RHB332S. ----Replaced Starter and Starter Adapter w/ exchange. ----Replace engine driven fuel pump w/ new. Adjust and set up per TCM s/n 97-3E and check good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 11 March, 2011

SIGNED: 

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 14462

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ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 14610



**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Main) 310-391-6293 (Avionics 310-391-0692)

DATE: 06 May, 2011  
A/C TSN: 729.1  
ENG TT: 729.1  
FLIGHTTIME: 729.1

**Engine Entries**

Removed and replaced oil with 8qts of 100W-. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 06 May, 2011

SIGNED: 

Work Order: 14610

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ENGINE MODEL: IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15074

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 27 October, 2011  
A/C TSN: 913.8  
ENG TT: 913.8  
FLIGHTTIME: 913.8

**Engine Entries**

Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted ----Perform engine compression check 1)72/80 2)74/80 3)70/80 4)70/80 5)72/80 6)72/80.----C/W TAT SB-11-05 by R&R Fine wire spark plugs w/ new.RHB29E.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 27 October, 2011

SIGNED: 

Work Order: 15074

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBIS 3 (datamedia.com)

ENGINE MODEL: IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15141



**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 27 December, 2011  
A/C TSN: 969.7  
ENG TT: 969.7  
FLIGHTTIME: 969.7

**Engine Entries**

Removed and replaced oil with 8qts of 100w. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.----Replaced A/C garlock seal w/new.----Install new O-rings on W.G. inlet & outlet fittings ----Re-installed LH and RH magnetos after OH by Aero Accessories. Timed magnetos and run up, operational & leak checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 27 December, 2011

SIGNED: 

Work Order: 15141

Kim Davidson  
Certified Repair Station No. YYKR678L

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ENGINE MODEL: IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15320

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 20 February, 2012  
A/C TSN: 1008.4  
ENG TT: 1008.4  
FLIGHTTIME: 1008.4

**Engine Entries**

Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.----Perform engine compression check 1) 71/80 2) 72/80 3) 70/80 4) 71/80 5) 70/80 6) 74/80.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

Work Order: 15320



ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15473

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6283) (Avionics 310-391-0692)

DATE: 12 April, 2012  
A/C TSN: 1063.2  
ENG TT: 1063.2  
FLIGHTTIME: 1063.2

**Engine Entries**

Removed and replaced oil with 8qts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up checks good and no leaks noted.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE

DATE: 12 April, 2012

SIGNED: 

Work Order: 15473

Kim Davidson  
Certified Repair Station No. YYKR678L

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ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15553

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6283) (Avionics 310-391-0692)

DATE: 04 June, 2012  
A/C TSN: 1063.2  
ENG TT: 1063.2  
FLIGHTTIME: 1063.2

**Engine Entries**

Remove Engine Fuel pump for T.A. fuel pump facility testing, per David at T.A.---Reinstalled original Fuel Pump after repair. Adjust To 38.0 GPH & flight check good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 04 June, 2012

SIGNED: 

Work Order: 15553

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15759

**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6283) (Avionics 310-391-0692)

DATE: 08 August, 2012  
A/C TSN: 1149.6  
ENG TT: 1149.6  
FLIGHTTIME: 1149.6

**Engine Entries**

I certify that this engine has been inspected in accordance with an ANNUAL inspection I.A.W. Cirrus Checklist and has been determined to be in AIRWORTHY CONDITION.---Removed and replaced oil with 8qts of 100w. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.---Perform engine compression check 1)74 /80 2) 70/80 3) 72/80 4) 74/80 5) 73/80 6) 74/80.---Check & set fuel flow IAW TCM SID 97-3E & Tornado Alley Report 215-10.---Replaced oil breather hose w/new.---re-timed LH magneto. run-up checks good 50 rpm drop per side.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

Hrs. | Min. | Hrs. | Min. | Instructions, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Brought Forward →

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 15940



**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 10/16/2012  
A/C TSN: 1215.7  
ENG TT: 1181.3  
FLIGHTTIME: 1215.7

**Engine Entries**

Removed and replaced oil with 8qts of 100w. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.----Re-installed starter clutch adapter after overhaul by Pacific Continental Engines. Re-installed Sky-Tec starter. Function and leak test checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 10/16/2012

SIGNED:

Work Order: 15940

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBIS 3 (datamedia.com)

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 16180



**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 1/17/2013  
A/C TSN: 1268.9  
ENG TT: 1225.1  
FLIGHTTIME: 1268.9

**Engine Entries**

Changed oil & filter and take oil analysis. Cut filter open and inspect for chips, none noted at this time. Inspect general condition of engine compartment.----Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.----Perform engine compression check 1) 62/80 2) 70/80 3) 64/80 4) 70/80 5) 72/80 6) 74/80----C/W 100hr Clean & re-oil of K&N engine air filter I/ANV  
TAT-S108-05----Cleaned, gaped and tested all spark plugs and leads----Replaced all spark plugs w/new RHB32E Tempest.----C/W 5yr/500hr GAMI Fuel Nozzle cleaning. Leak test checked good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 1/17/2013

SIGNED:

Work Order: 16180

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBIS 3 (datamedia.com)

ENGINE MODEL:  
IO-550-N  
ENGINE S/N: 691783  
REG. NO: 811JT  
WORK ORDER: 16394



**Kim Davidson Aviation, Inc.**  
Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 5/7/2013  
A/C TSN: 1324.1  
ENG TT: 1790.3  
FLIGHTTIME: 1324.1

**Engine Entries**

Removed and replaced oil w/8qrts of Aeroshell 100W. Oil analysis taken. Removed oil filter, cut open and inspected for metal. No metal found at this time. Replaced oil filter w/new. Run up and no leaks noted.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 5/7/2013

SIGNED:

Work Order: 16394

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBIS 3 (datamedia.com)

ENGINE MODEL:  
ENGINE S/N:  
REG. NO. N811JT  
WORK ORDER: 26564



**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 7/25/2013  
A/C TSN:  
ENG TT:  
TACH: 1358.6

### Engine Entries

Visual inspection of wastegates and crossover cable assembly, controller, plumbing, operational test of wastegates found opening/closure operation smooth and within normal test pressure ranges. Adjustment of controller produced limited results. Removed controller, p/n 470688-5, s/n DJ0112 for outside testing and repair. Reinstalled after overhauled by Main Turbo CRS #MAMR190K. Ground test run, leak checked, and adjusted. Operational and leak check good.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

DATE: 7/25/2013

SIGNED:

Richard Sanchez  
Certified Repair Station No. Z5SR421Y

Work Order: 26564

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:  
ID-550-N  
ENGINE S/N: 691783  
REG. NO. 811JT  
WORK ORDER: 16550



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint) 310-391-6293 (Avionics 310-391-0692)

DATE: 7/26/2013  
A/C TSN: 1358.6  
ENG TT: 1324.8  
FLIGHTTIME: 1358.6

### Engine Entries

Check & set fuel flow IAW TCM SID 97-3E & Tomado Alley Report 215-10.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 7/26/2013

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 16550

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:  
ID-550-N  
ENGINE S/N: 691783  
REG. NO. 811JT  
WORK ORDER: 16566



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint) 310-391-6293 (Avionics 310-391-0692)

DATE: 8/23/2013  
A/C TSN: 1360.6  
ENG TT: 1326.8  
FLIGHTTIME: 1360.6

### Engine Entries

I certify that this engine has been inspected in accordance with an ANNUAL inspection I.A.W. Cirrus Checklist and has been determined to be in AIRWORTHY CONDITION ----Removed and replaced oil with 8qts of 100W. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted ----Perform engine compression check 1) 66/80 2) 66/80 3) 64/80 4) 68/80 5) 68/80 6) 75/80----Replaced hold down clamp for #6 fuel injection line. ----Replaced LH wastegate support bolt and upper bracket w/new. ----Replaced LH turbo support bracket & teflon sleeve for rod w/new.

### Maintenance Release

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.

DATE: 8/23/2013

SIGNED:

Kim Davidson  
Certified Repair Station No. YYKR678L

Work Order: 16566

Printed by EBIS 3 (datcomedia.com)

Brought Forward

Brought Forward

AAM American Aircraft Maintenance, Inc. DATE: 7/25/2013

1. Approving National Aviation Authority/Country

FAA/United States

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

INVOICE# 37325

4. Organization Name and Address:

Main Turbo Systems, Inc.  
234 South Cotta Court  
Visalia, Ca. 93292 U.S.A.

FAA Approved Repair Station# MAMR190K  
Certificate No: EASA.145.6274  
(800) 847-8815 or (559) 635-3322

5. Work Order/Contract/Invoice Number:

W/O# 46331

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	KELLY AEROSPACE CONTROLLER	470688-5	Various	1	DJ0112	Overhauled

13. Remarks:

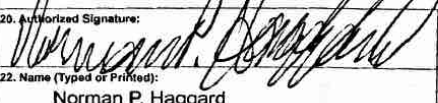
1. This unit overhauled and parts installed per Kelly Aerospace overhauled manual 400999-0000 Revision B.
2. All Kelly Aerospace service letters, bulletins and AD notes complied with.
3. No others.

14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

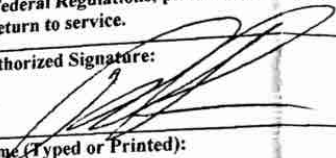
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: MAMR190K
17. Name (typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Norman P. Haggard	23. Date (m/d/y): Jul/23/2013

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: <b>UNITED STATES</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 37483	
4. Organization Name and Address: <b>AERO ACCESSORIES INC. 16152 VALERIO ST. VAN NUYS CA. 91406 (XB2R286L)</b>					5. Work Order/Contract/Invoice Number: 37483	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	MAGNETO S6RSC-25P	10-500556-101	TBV BY INSTALLER	1	D09BA248	OVERHAUL

13. Remarks:  
 REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH T.C.M. SERVICE MANUAL (X4000) AS PER OVERHAUL.  
 NOTE: THIS MAGNETO COMPLIES WITH A.D.94-01-03R2, 94-06-09 & 05-12-06

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: XB2R286L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): ROBERT M. RUMM	23. Date (m/d/y): JAN/02/2014

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.  
 Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.  
 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country: <b>UNITED STATES</b>				3. Form Tracking Number: 37484	
4. Organization Name and Address: <b>AERO ACCESSORIES INC. 16152 VALERIO ST. VAN NUYS CA. 91406 (XB2R286L)</b>				5. Work Order/Contract/Invoice Number: 37484	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:
1	MAGNETO S6RSC-25P	10-500556-101	TBV BY INSTALLER	1	D08EA224
				12. Status/Work: OVERHAULED	

13. Remarks:  
REPAIRED, INSPECTED AND TESTED IN ACCORDANCE WITH T.C.M. SERVICE MANUAL (X4000) AS PER OVERHAUL.  
NOTE: THIS MAGNETO COMPLIES WITH A.D.94-01-03R2, 94-06-09 & 05-12-06

14. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in condition for safe operation.

Non-approved design data specified in Block 13.

15. Authorized Signature: \_\_\_\_\_

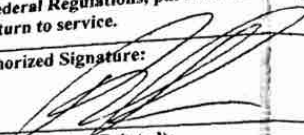
16. Approval/Authorization No.: \_\_\_\_\_

17. Name (Typed or Printed): \_\_\_\_\_

18. Date: \_\_\_\_\_

19.  14 CFR 43.9 Return to Service       Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

20. Authorized Signature: 

21. Approval/Certificate No.: XB2R286L

22. Name (Typed or Printed): ROBERT M. RUMM

23. Date (m/d/y): JAN/02/2014

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



Brought Forward	Overhaul		Time		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

ENGINE MODEL:  
ENGINE S/N:  
REG. NO. N811JT  
WORK ORDER: 26739



**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 12/5/2013  
A/C TSN:  
ENG TT:  
TACH: 1398.5

**Engine Entries**

Short ground test run found oil pressure rapid decrease inconsistent with rpm and temp, idle rpm reading below TCM minimum spec. at 110 degrees oil temp. Pre start oil level at 7 qts. Oil filter marked as being replaced 8/13/13 at 1360.6 hrs. Removed oil filter and cut open, no excess carbon, metal, or other abnormalities detected. Removed and inspected pressure relief valve, noted marks and slight scoring on circumference of seating area of plunger. Replaced plunger and spring. Thoroughly washed engine for leak checking and serviced with 8 qts AeroShell 100W oil. Ground test run found oil pressure in normal ranges at variety of power settings and temps. Leak check good.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 12/5/2013

SIGNED:

Richard Sanchez  
Certified Repair Station No. Z5SR421Y

Work Order: 26739

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ENGINE MODEL:  
ENGINE S/N:  
REG. NO. N811JT  
WORK ORDER: 26766



**American Aircraft Maintenance, Inc.**

Repair Station No. Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone: (949) 852-8420

DATE: 1/3/2014  
A/C TSN:  
ENG TT:  
TACH: 1407.1

**Engine Entries**

Troubleshoot starter system. Found starter failed. Replaced starter P/N 24ST5 S/N 4C5-471361... Troubleshoot magneto intermittent operation, right magneto. Tested spark plugs, ignition harness and switch. Removed magnetos and reinstalled after overhauled by Aero Accessories CRS #XB2R286L. Operational and leak check good.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 1/3/2014

SIGNED:

Richard Sanchez  
Certified Repair Station No. Z5SR421Y

Work Order: 26766

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**FAA - PMA**

This tag certifies that Sky-Tec Model No. C24ST5  
Serial No. 4C5-471361 was manufactured new on 04 Dec 2013  
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW  
Supplement No. 6 in accordance with Sky-Tec's  
FAA-Approved Quality System (14CFR Part 21, Subpart K).  
This article has been determined to be airworthy.

For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm)

Starter Installed on N 811JT by American Aircraft  
(Aircraft) (Mechanic)

Date  
Brought Forward

ENGINE MODEL: IO550N51  
ENGINE S/N: 691783  
REG NO N811JT  
WORK ORDER: 26854



**American Aircraft Maintenance, Inc.**  
Repair Station No Z5SR421Y  
19711-B Campus Drive  
Santa Ana, CA 92707  
Phone (949) 852-8420

DATE 3/7/2014  
A/C TSN: 14257  
ENG TT: 14257  
FLIGHTTIME 14257

rd  
ms,

**Engine Entries**

Complied with an Annual/100 HR inspection in accordance with FAR Part 43, Appendix D, using Cirrus Airplane Maintenance Manual Model SR22 section 05-20 as a guide. Changed oil and filter, serviced with Phillips XC20W50 oil. Filter opened and inspected, no contamination found. Leak check satisfactory. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2014-04. Compressions #1 50/80, #2 52/80, #3 52/80, #4 60/80, #5 62/80, #6 70/80. Complied with Tornado Alley Turbo Instructions for Continued Airworthiness 100 hour inspection. Retorque all rocker cover screws to 55 in/lbs, leak check good. Oil sample taken and sent for analysis.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR. IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 3/7/2014

SIGNED:

Work Order: 26854

Richard Sanchez  
Certified Repair Station No Z5SR421Y

Printed by EBis 3 (datcomedia.com)

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601WO# 13188 Registration# N811JT Date: 6/26/14  
Engine S/N 691783 Meter: 1451.2 Total Time: 1451.2 TSMOH: 1451.2  
Drained oil, removed filter, inspected filter media, installed a new P/N CH48108-1 filter, serviced engine with 8 quarts Phillips 20W-50 oil. Washed engine ground run ops and leak check ok. ♦Swapped TIT probes and lubed waste gates and linkages. ♦R&I new Plane Power alternator IAW instructions, P/N C28-150, S/N 150-133800. Ops check ok. ♦ R&I new drive coupling on alternator, P/N AEC646655.

Approved for return to service  
Jason Trevino APIA3309979

ENGINE MODEL: IO-550-N (51)  
ENGINE S/N: 691783  
REG. NO: N811JT  
WORK ORDER: 114847



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

1478,8  
DATE: 9/2/2014  
A/C TSN: 14567  
ENG TT: 14567  
FLIGHTTIME: 14567

**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.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B

DATE: 9/2/2014

SIGNED:

Work Order: 114847

Menge, Adam  
Certified Repair Station No. 5CSR009B

Printed by EBis 3 (datcomedia.com)

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601WO# 13369 Registration# N811JT Date: 10/23/14  
Engine S/N 691783 Meter: 1496.9 Total Time: 1496.9  
Removed sprk plugs and inspected, borescoped cylinder, compression revealed exhaust valve not seating properly R&I O/H #3 cylinder, P/N CFCN73.1CA-222, S/N 44679-2. Ops check and leak check ok. ♦Drained oil, removed filter, inspected filter media, installed a new P/N CH48108-1 filter, serviced engine with 8 quarts Aeroshell 100 oil. Washed engine ground run ops and leak check ok.

Approved for return to service  
Jason Trevino APIA3309979



