

ENGINE LOG BOOK



Service Information

Consult the Continental Motors web site at continentalmotors.com for engine related news, announcements, Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5403 Toll free in the United States or
1-251-436-8289 International

Engine Returns

Return engines for core credit with this log book to:

Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:

Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



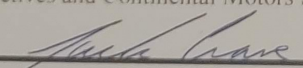
Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed: 12/11/2015

Test Date: 12/10/2015

This engine model TSI0550K1B, serial number 1031736 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev Sept 2014)

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|---------------------------------------|
| | Hours | Min | Hours | Min | |

Record maintenance actions including engine part removal and installation; and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

ENGINE
Model: SR22T
Eng. Mod. TSI0550K1B
S/N 1031736
Date: Mar 26, 2016

Total Time: 22.5
WO: 1031-03-2016

The following tasks were performed IAW Cirrus SR22T AMM by complying with the inspection requirements:

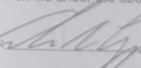
INSPECTION:

- 25 hour Engine Interval Items, Inspection Was Performed: IAW CH 05-20.

MAINTENANCE ITEMS:

- Replaced Oil (8 ea) P/N Aeroshell 100 .
- Replaced Oil Filter (1 ea) P/N CH48108-1 .

I certify that this aircraft has been inspected in accordance with AMM and is determinate to be in airworthy condition. Pertinent details are on file under the above work order. AD's and SB's were research up to date

SIGNED:  DATE: 11/02/2016 FAA CERTIFICATE #: 507 37 2006



Hangar 1 Aeropuerto Internacional: G.D.O. Puerto Vallarta, Jalisco, México
Phone: 01 3322268440 C.P. 48335

ENGINE MAINTENANCE LOGBOOK

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| | | | |
|-------------------------|------------------|--------------------|-------------------------|
| Date: SEP 04 2016 | Register: XA-GTS | Model CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 48.1 | TC: 39 | WO: 0916-15 |
| Engine Model TSI0550K1B | TT: 48.1 | TC: 39 | S/N 1031736 CONTINENTAL |

INSPECTIONS:

- 50 Hr. Airframe Inspection was performed IAW CH 05-20.

AIRWORTHINESS DIRECTIVES:

- AD 2016-16-12 Replace Certain ECI Engine Cylinder Assemblies. Visual Inspection was performed, found not to be affected. No Further Action is required.

SERVICE BULLETINS:

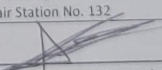
- SB 16-3 Turbocharger Check Valve (P/N 646717) Inspection and Cleaning.
- SB 16-4 Incorrectly identified Control levers (P/N 656102B). Found not to be affected. No further Action is required.

REPLACEMENT ITEMS:

- Replaced Filter (1 ea) P/N CH48108-1.
- Replaced Oil (8 ea) P/N Aero shell 100

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22 AMM, and determined to be in Airworthy condition. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service./ DGAC Repair Station No. 132

Sign: 
Insp. Julio Cesar Arroyo Gonzalez
Lic. DGAC 201000562

SERVICIOS AERONAUTICOS, S. DE CV
CALLER AERONAUTICO, AUTORIZACION DE AG No. 02



ENGINE MAINTENANCE LOGBOOK

| | | | |
|------------------------------|------------------|--------------------|-------------------------|
| Date: MAR 05, 2017 | Register: XA-GTS | Model CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 82.4 | TC: 75 | WO: 0317-15 |
| Engine Model TSIO550K1B | TT: 82.4 | TC: 75 | S/N 1031736 CONTINENTAL |
| Propeller Model PHC-J3Y1F-1N | TT: 82.4 | TC: 75 | S/N NJ1240B |

INSPECTIONS:

- 50 Hr. Engine Inspection was performed IAW CH 05-20.
- Fuel Injection Nozzles Servicing Ref. SID 05-7.

SERVICE BULLETINS:

- SA 17-05 Release of Continental Motors SB 16-8 turbo exhaust transition tube inspection was performed, found not to be affected. No Further Action is required.

REPLACEMENT ITEMS:

- Replaced Filter (1 ea) P/N CH48108-1.
- Replaced Oil (8 ea) P/N Aero shell 100

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22 AMM, and determined to be in Airworthy condition. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service./ DGAC Repair Station No. 132

Sign:
 Insp. Alvaro espejo Rodriguez.
 Lic. DGAC 200106971



ENGINE MAINTENANCE LOGBOOK

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|-------------------------|------------------|--------------------|-------------------------|
| Date: MAY 23, 2017 | Register: XA-GTS | Model CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 99.0 | TC: 94 | WO: 0517-15 |
| Engine Model TSIO550K1B | TT: 99.0 | TC: 94 | S/N 1031736 CONTINENTAL |

INSPECTIONS:

- 100 Hr. Engine Inspection was performed IAW CH 05-20.
- Engine Mount Weldment and Lower Mount Attach Fittings Torque Inspection Was Performed. IAW CH 05-20.

SERVICE BULLETINS:

SERVICE BULLETINS:

- SB 16-3 Turbocharger Check Valve Inspection and Clean. Was Found Ok.
- SB 95-7A Manifold Valve Cover Inspection. Was Found Ok.
- SB 95-2 Inspection and Maintenance of engine Control Cables and Linkage. Was Found Ok.
- MSB 94-8D Magneto to Engine Timing. Was Found Ok.
- SB 11-2 Ica and Brush Service Instructions for TCM. Was Found Ok.
- SB 15-3A oil Sump Assembly Inspection. Was Found Ok.

REPLACEMENT ITEMS:

- Replaced Filter (1 ea) P/N CH48108-1.
- Replaced Oil (8 ea) P/N Aero shell 15W 50

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22 AMM, and determined to be in Airworthy condition. AD's and SB's were research up to date.

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Sign:
 Insp. Alvaro Espejo Rodriguez.
 Lic. Dgac 200106971.



ENGINE MAINTENANCE LOGBOOK

| | | | |
|-------------------------|------------------|--------------------|-------------------------|
| Date: NOV 23, 2017 | Register: XA-GTS | Model CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 117.2 | TC: 112 | WO: 1117-15 |
| Engine Model TSIO550K1B | TT: 117.2 | TC: 112 | S/N 1031736 CONTINENTAL |

INSPECTIONS:

- 50 Hr. Engine Inspection was performed IAW CH 05-20.

REPLACEMENT ITEMS:

- Replaced Filter (1 ea) P/N CH48108-1.
- Replaced Oil (8 ea) P/N Aero shell 15W 50

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22T AMM, and determined to be in Airworthy condition. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service./ DGAC Repair Station No. 132

Sign:
 Insp. Julio Cesar Arroyo Gonzalez.
 Lic. DGAC 201000562.



ENGINE MAINTENANCE LOGBOOK

| | | | |
|-------------------------|------------------|--------------------|-------------------------|
| Date: DEC 28, 2017 | Register: XA-GTS | Model CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 144.4 | TC: 127 | WO: 1217-15 |
| Engine Model TSIO550K1B | TT: 144.4 | TC: 127 | S/N 1031736 CONTINENTAL |

SERVICE BULLETINS:

- SID 05-1B Inspection Guidelines for CM Camshafts and Hydraulic Lifters, Was performed

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22T AMM and determined to be in Airworthy condition. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service./ DGAC Repair Station No. 132/Repair Station FAA 8EY811C

Sign:
 Insp. Alvaro Espejo Rodriguez.
 Lic. DGAC 200106971.

AEROTRON
 SERVICIOS AEROS CORPORAIVOS, S.A. DE C.V.
 TALLER AERONAUTICO, AUTORIZACION DGAC No. 132

AEROTRON
 SERVICIOS AEROS CORPORAIVOS, S.A. DE C.V.
 TALLER AERONAUTICO, AUTORIZACION DGAC No. 132 FAA 8EY811C

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|-----|--------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Hours | Min | Hours | Min | |

Hangar 1 Aeropuerto Internacional Miguel Hidalgo Guadalajara, Jalisco, México
Phone: 01 3332842300 C.P. 45659



ENGINE MAINTENANCE LOGBOOK

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| | | | |
|--------------------------|------------------|---------------------|-------------------------|
| Date: JAN 25, 2018 | Register: XA-GTS | Model: CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 144.4 | TC: 127 | WO: 0118-15 |
| Engine Model: TSIO550K1B | TT: 144.4 | TC: 127 | S/N 1031736 CONTINENTAL |

INSPECTION:

- Engine Inspection 100/Annual was performed: IAW, CH 05-20.

SERVICE BULLETINS:

- SB 16-3 Turbocharger Check Valve Inspection and Clean (Ref SIL 17-02). Was Found Ok.
- SB 95-7A Manifold Valve Cover Inspection. Was Found Ok.

SERVICE ADVISORY:

- SA 17-15 Turbocharger Check Valve Filter Installation, Inspection, and Cleaning. Was found OK.

REPLACEMENT ITEMS:

- Replaced Filter (1 ea) P/N CH48108-1.
- Replaced Oil (8 ea) P/N Aero shell 100
- Replacement of Pump Fuel Assy was performed P/N Off649368-60AT S/N Off B15KAA059, P/N On 649368-60AT S/N Off B16JA272.
- Replacement of Pump Fuel Assy was performed P/N Off649368-60AT S/N Off B15KAA059, P/N On 649368-60AT S/N Off B16JA272.

IAW Ref. Engine Maintenance And Overhaul Manual Continental. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service. / DGAC Repair Station No. 132/ Repair Station FAA 8ET811C

Sign:
Insp. Alvaro Espejo Rodriguez.
Lic. DGAC 200106971.

SERVICIOS AERONAUTICOS CORPORATIVOS, S.A DE C.V.
TALLER AERONAUTICO. AUTORIZACION
DGAC No.132 FAA 8ET811C

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins |
|------|------------|-----|--------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Hours | Min | Hours | Min | |

Hangar 1 Aeropuerto Internacional Miguel Hidalgo Guadalajara, Jalisco, México
Phone: 01 3332842300 C.P. 45659



ENGINE MAINTENANCE LOGBOOK

Pag: 1/1

| | | | |
|--------------------------|------------------|---------------------|-------------------------|
| Date: Mar 05, 2018 | Register: XA-GTS | Model: CIRRUS SR22T | S/N 1249 |
| MFD: MAR 04-2016 | TT: 152.9 | TC: 136 | WO: 0318-15 |
| Engine Model: TSIO550K1B | TT: 152.9 | TC: 136 | S/N 1031736 CONTINENTAL |

INSPECTION:

- Engine Inspection 100/Annual Was Performed: IAW, CH 05-20.
- Special Inspection Alternator # 1 External. Was Performed: IAW, CH 05-20.
- Special Inspection Fuel Injection Nozzles Servicing (ref. SID05-7): IAW, CH 05-20.

REPLACEMENT ITEMS:

- Replacement of Battery 2 for Time Limits Was Performed, P/N Off/On 50979-001, S/N Off/On N/A, IAW, CH 05-20.
- Replaced Oil Filter (1 ea) P/N AA48108-2 Was Performed.
- Replaced Oil (8 ea) P/N Aero shell 15W50 Was Performed
- Replacement of Oil Pressure Sensor Was Performed P/N Off 12635-004 S/N Off N/A, P/N On 12635-004 S/N On N/A, IAW CH 79-30. (Accomplish Ref. SB 2X-79-04)

SERVICE BULLETINS:

- Service Bulletin 2X-74-02 Switching- Ignition Switch Security. Was Performed.
- Service Bulletin 2X-79-04 Improved Installation of Oil Pressure Sensor. Was Performed.
- Service Bulletin 2X-79-07 Oil Return Line Chafing Was Performed.
- Service Bulletin MS894-8D Magneto to Engine Timing Was Performed.
- Service Bulletin 95-7A Manifold Valve Cover Inspection Was Performed.
- Service Bulletin 95-2 Inspection and Maintenance of Engine Control Cables and Linkage, Was Performed.
- Service Bulletin 11-2 Alternator Continued airworthiness instructions service TCM. Was Performed.
- CSB 09-11A Minimum Cruise RPM, Not affected. No Further Action Required.
- SIL 16-2 Announce Availability and applicability of the M-O, Standard Practice Maintenance Manual. Was Performed

I certify that this Aircraft has been inspected in accordance with CIRRUS SR 22T AMM and determined to be in Airworthy condition. AD's and SB's were research up to date.

The Aircraft, airframe or appliance identified above was maintained and/or altered and inspected in accordance with current Regulations issue by the DGAC and Maintenance Manual Recommendations is approved for return to service. / DGAC Repair Station No. 132/ Repair Station FAA8ET811C

Sign:
Insp. Alvaro Espejo Rodriguez.
Lic. DGAC 200106971.

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DGAC No.132 FAA 8ET811C

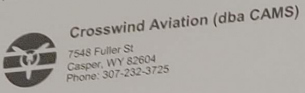
| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| | | ENGINE RECORD ENTRY |
| Registration N5411 | Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394 | Flight Time 157.0 |
| Model No. SR22T | | Total Time -- |
| Serial No. 1249 | | PAGE 1 OF 1 |
| Engine Model TSIO550K | | |
| Engine S/N 1031736 | | |
| 1. PERFORMED ENGINE GROUND RUN-UP. OPERATION AND INDICATIONS NORMAL. | | |
| THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS MAINTAINED OR ALTERED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. ALL DISRUPTED SYSTEMS WERE RESTORED AND FUNCTIONALLY TESTED IN ACCORDANCE WITH MFG'S INSTRUCTIONS. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER Work Order: 11M-4474 | | |
| Date: 4/2/2018 | Authorized Signature: | Tom Bierschwale |

Engine Service and Maintenance Record

| Date | Total Time | | Time Since Last Overhaul | |
|------|------------|-----|--------------------------|-----|
| | Hours | Min | Hours | Min |

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Carried for
ENGINE MODEL:
TSIO-550K1B
ENGINE S/N: 1031736
REG. NO: N5411
WORK ORDER:
1828-05-2018



Crosswind Aviation (dba CAMS)
7548 Fuller St
Casper, WY 82604
Phone: 307-232-3725

DATE: 5/24/2018
A/C TSN: 177.2
ENG TT: 177.2
FLIGHTTIME: 177.2

Engine Entries

Replace Accessory drive pad garlic seal per CMI M-0 standard repair. Perform engine operational check. Leaked check normal at this time.

Technicians Who Worked On The Items Listed Above:
Pat Harrington

I CERTIFY THIS AIRCRAFT, ENGINE, PROP, HAS BEEN INSPECTED, ALL OPERATIONAL AND LEAK CHECKS HAVE BEEN COMPLETED, AND THE ABOVE LISTED WORK HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AND NO FURTHER ACTION IS REQUIRED AT THIS TIME.

DATE: 5/24/2018
SIGNED: [Signature]
Pat Harrington, A&P: 2634950
Work Order: 1828-05-2018
Printed by EBis 3 (datcomedia.com)

Crosswind Aviation (dba CAMS)



ENGINE MODEL:
TSIO-550K1B
ENGINE S/N: 1031736
REG. NO: N5411
WORK ORDER:
1828-05-2018

7548 Fuller St
Casper, WY 82604
Phone: 307-232-3725

DATE: 7/25/2018
A/C TSN: 197
ENG TT: 197
FLIGHTTIME: 197

Engine Entries

Replaced Sky-tec starter p/n C24st3 s/n 4C3-351510 with new Tempest Starter p/n PL13484 s/n 1800916. Ops checked normal. Updated equipment list and weight and balance as needed.
Drained oil, removed oil filter, cut open and inspected oil filter for contamination. No contamination noted at this time. Installed new oil filter and serviced engine with 8 qts of Phillips 20W50 engine oil. Performed engine run and completed engine leak check. No defects noted at this time.

Technicians Who Worked On The Items Listed Above:
Pat Harrington

I CERTIFY THIS AIRCRAFT, ENGINE, PROP, HAS BEEN INSPECTED, ALL OPERATIONAL AND LEAK CHECKS HAVE BEEN COMPLETED, AND THE ABOVE LISTED WORK HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AND NO FURTHER ACTION IS REQUIRED AT THIS TIME.

DATE: 7/25/2018
SIGNED: [Signature]
Pat Harrington, A&P: 2634950
Work Order: 1828-05-2018
Printed by EBis 3 (datcomedia.com)



ENGINE MODEL:
TSIO-550-K1B
ENGINE S/N 1031736
REG. NO. N5411
WORK ORDER: COD1186

Choice Aviation, LLC
Cody, WY Shop - COD
3001 Duggleby Drive
Cody, WY 82414

DATE: 2/21/2019
A/C TSN: 221.3
ENG TT: 221.3
TSMOH:
TACH: 221.3

Engine Entries

Removed installed oil pressure sender, inspected connections and wires. No defects noted. Installed new oil pressure sender PN: 12835-004. Ground run up ops check good.
Completed Fuel system operational Checkout procedure IAW TCM maintenance and overhaul manual M-18 6-3.37.4.3. Fuel flows are set within specifications.
Completed propeller balance. Balanced propeller to .02 IPS. No roughness noted through full range of engine RPM.

DATE: 2/21/2019
SIGNED: [Signature]
Ian Simpkins, A&P: 3681524 IA
Work Order: COD1186
Printed by EBis 3 (datcomedia.com)

| Date | Total Time | | Time Since Last Overhaul | |
|------|------------|-----|--------------------------|-----|
| | Hours | Min | Hours | Min |

Carri

April 12, 2019
TSIO-550-K1B

N5411
TT: 235.0

Engine Service and Maintenance Record

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

SR22T SN: 1249
SN: 1031736

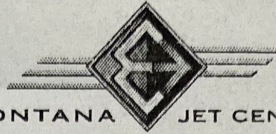
Completed engine annual inspection. Performed ground run up, drained engine oil hot. Removed filter and cut open no defects noted. Installd new filter PN: CH48108-1 and serviced with 8 quarts Aeroshell 15W50. Completed compression test Master orifice 46, #1: 72 #3: 72 #5: 72 #2: 77 #4: 72 #6: 77. Removed cleaned gapped and inspected spark plugs. Rotated and reinstalled. Verified magneto to engine timing. Inspected fuel injectors no defects noted. Cleaned induction filters. Inspect exhaust and turbo system no defects noted. Cleaned oil pressure sending unit connections at sender and firewall. Post maintenance run up ops check/leak check good. Work performed in reference to TCM maintenance manual M-18

I certify this engine has been inspected IAW an annual inspection and was found in an airworthy condition.

Ian Simpkins A&P 3681524 IA

[Signature]

EDWARDS



MONTANA JET CENTER

1691 Aviation Place Billings, MT 59105
Certificated Repair Station HSRR811E

Date: 4/15/2020; Aircraft: N5411; Type: CIRRUS DESIGN SR22/22T; S/N: 1249; Hobbs: 268.9; Total Time: 268.9
Engine: Continental TSIO-550-K, Serial Number 1331736, TSN: 268.9

ENGINE LOG

1. Drained oil and removed filter from engine. Collected oil sample and sent for analysis. Inspected oil filter for contamination. None noted. Installed new oil filter and safetied. Serviced engine with 8 quarts Phillips XC 20W50 oil.
Secured oil filler cap.
2. Checked and cleaned fuel injectors.
3. Installed new seals in upper deck.
4. Checked and tightened induction hose clamps.
5. Cleaned and inspected spark plugs.
6. Removed RH magneto from engine and rotated magneto drive gear one tooth for correct timing.
7. Timed magnetos to engine.

Complete details of work accomplished on this aircraft are on file at this agency under Work Order 22929. A copy has been provided to the owner.

The maintenance identified above has been inspected and the aircraft is approved for Return To Service.

For Edwards Jet Center:

igned: _____