

LEFT

ENGINE LOG



AIRMARK OVERHAUL, INC.

WHEN QUALITY COUNTS
FORT LAUDERDALE, FLORIDA 33309

**AIRMARK OVERHAUL, INC.**

FAA APPROVED REPAIR STATION #JL4R288M

6001 Northwest 29th Avenue • Fort Lauderdale, Florida 33309
(305) 970-3200 • 800-262-3202 • FAX: (305) 970-3400CUSTOMER ANDINSA WORK ORDER NO. 20096
ENGINE MODEL TSIO-520-N(1) SERIAL NO. 509489 DATE 10-28-94**WARRANTY (LIMITED)**

Airmark Overhaul, Inc. warrants this Engine, including accessories, (if supplied) to be free from defects in material and workmanship under normal use and service for a period of 180 days from the above date of overhaul or 240 hours, whichever occurs first, and shall extend only to the purchaser named hereinabove.

This Engine, excluding accessories, is further warranted to be free from defects in materials and workmanship by Airmark Overhaul, Inc. until Manufacturers Recommended Overhaul Period or two years from the above date, whichever occurs first, under a pro-rated basis on parts. Labor portion is pro-rated if work is performed by Airmark Overhaul, Inc. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Notwithstanding anything herein to the contrary, cracked cylinders and crankcases are excluded from all warranties unless it can be determined that the damage is a direct and proximate result of improper assembly by Airmark Overhaul, Inc.

Replacement or repair of Engine, Component, or Parts under this Limited Warranty will not extend the warranty period. Any repairs made by person(s) other than Airmark Overhaul, Inc. without the prior written consent of Airmark Overhaul, Inc., at the option of Airmark Overhaul, Inc., voids any remaining part of this Limited Warranty, where, in the judgement of Airmark Overhaul, Inc. such repairs adversely affected the Engine. In no event, whether as a result of a breach of contract, warranty, tort (including negligence) or otherwise, shall Airmark Overhaul, Inc. be liable for any special, consequential, incidental or penal damages or expenses, including but not limited to loss of profit, goodwill, or revenues, loss of use of the product or any associated equipment, damage to associated equipment, cost of capital, cost of third parties for such damages or expenses.

The foregoing Limited Warranty is exclusive and in lieu of all other warranties or remedies whether written, oral, implied, or statutory. Any and all implied warranties of merchantability, fitness for a particular purpose, course of dealing or usage of trade are hereby expressly disclaimed and excluded.

AIRMARK OVERHAUL, INC., a Florida corporation

BY: *J. Murphy*



AIRMARK OVERHAUL, INC.
 FAA APPROVED REPAIR STATION #JL4R288M
 6001 NW 29 AVENUE
 FORT LAUDERDALE, FL 33309

PG 1 OF 3

AIRWORTHINESS DIRECTIVE
 TELEDYNE CONTINENTAL
 TSIO-520

MODEL TSIO-520 N / S/N 509489 W/O# 20096 DATE 10.24.94

ISSUE NO	DESCRIPTION	SIGNATURE
69-18-05	TURBO LUB. OIL SCAVENGE PUMP (TSIO-520-D) SB M69-8	LP
70-13-03	BALANCE TUBE ASSY (TSIO-520-D) SB M70-5	LP
71-09-03	FUEL INJECTION PUMP GASKET (SB M70-17)	LP
72-24-03	OIL FILTER ADAPTER (SB M66-6)	LP
75-09-13	TURBO OIL INLET ADAPTER	LP
76-13-09	EXHAUST ELBOW CRACKS (SB M76-14)	LP
77-13-22	CRANKCASE CRACKS (SB M76-14)	LP
78-06-01	FLEX ELBOW & INTAKE TUBE (TSIO-520-J & N)	LP
78-09-07R3	IMPULSE MEASUREMENT BENDIX/TCM (SB 645)	LP
79-05-08	OIL PRESS. RELIEF VALVE ASSEMBLY (SB M78-2)	LP
80-01-04	CYLINDER HOLDDOWN FLANGES (REBARRELLED)	LP
80-22-05	CRANKSHAFT OIL SEAL (SB M80-20)	LP
81-24-06	POSS. FUEL LEAK & FIRE HAZARD (SB M80-26)	LP
82-09-01	POSS. FUEL LEAK (FUEL PRESS. REGULATOR) SB M82-5	LP
82-13-01	GREEN BLOCK 1200 SERIES (SB 613)	LP
82-20-01	IMPULSE CAM SOFTNESS BENDIX/TCM (SB 623)	LP

REPAIR STA #JL4R288M

REPAIR STA #JL4R288M



AIRMARK OVERHAUL, INC.
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 6001 NW 29 AVENUE
 FORT LAUDERDALE, FL 33309

PG 2 OF 3

AIRWORTHINESS DIRECTIVE
 TELEDYNE CONTINENTAL
 TSIO-520 (CONT'D)

MODEL TSIO-520-21 S/N 509489 W/O# 20096 DATE 10 24 94

ISSUE NO	DESCRIPTION	SIGNATURE
84-18-04L	PREV. LOSS OF FUEL PRESS. (TSIO-520-BE) <i>NA TO MODEL</i>	<i>LP</i>
84-25-05	LOSS OF ENGINE OIL (TSIO-520-BE) <i>NA TO MODEL</i>	<i>LP</i>
86-08-07	ENGINE DRIVEN FUEL PUMP ASSEMBLY (TSIO-520-BE)	<i>LP</i>
86-13-04R3	CYLINDER HEAD TO BARREL SEPARATION <i>NA TO MODEL</i>	<i>LP</i>
87-14-02	STARTER ADAPTER SHAFT GEAR (A/C) SB M87-13 <i>NA TO MODEL</i>	<i>LP</i>
87-23-08	CRANKSHAFT FATIGUE CRACKS (ULTRASONIC) SB M87-5	<i>LP</i>
87-26-01	POSS. STARTER ADAPTER SHAFT GEAR FAILURE (SB M87-24) <i>NEW CRANKSHAFT</i>	<i>LP</i>
87-26-08	CRANKSHAFT & PISTON PIN FAILURE (TSIO-520-BE/CE) SB M87-25/26 <i>NA TO MODEL</i>	<i>LP</i>
88-03-06	PREV. LOSS OF OIL (SB M88-4) <i>CH-2102 INSTALLED</i>	<i>LP</i>
88-17-03	STARTER ADAPTER SHAFT GEAR FAILURE (TSIO-520-BE) SB M87-24	<i>LP</i>
89-14-01	POSS. LOSS OF ENGINE POWER (TSIO-520-BE) SB M89-14 <i>NA TO MODEL</i>	<i>LP</i>
89-24-01R1	SCAVENGE OIL PUMP GEARS (SB M89-4/M90-6) <i>ICM OH PUMP</i> <i>INSTALLED</i>	<i>LP</i>
89-24-03	TURBO INLET ASSEMBLY (TSIO-520-UB) <i>NA TO MODEL</i>	<i>LP</i>
91-18-03	CHAMPION OIL FILTERS <i>CH-2102 USED</i>	<i>LP</i>
93-08-17	OIL PICK UP TUBE (SB M91-10) <i>PROPER TUBE INSTALLED</i>	<i>LP</i>
93-10-02	MISSING VALVE KEYS (M93-12) <i>check by inspection</i>	<i>LP</i>

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PG 3 OF 3

AIRWORTHINESS DIRECTIVE
 TELEDYNE CONTINENTAL
 TSIO-520 (CONT'D)

MODEL TS10-520-01 S/N 509489 W/O# 20096 DATE 10 24 94

ISSUE NO	DESCRIPTION	SIGNATURE
83-16-15	FUEL PUMP DRIVE COUPLING (SB M93-8R1 & SUPERIOR S.L. 93-006)	
	<i>653359 INSTALLED</i>	<i>LP</i>
94-01-03R1	MAGNETO COIL & MAGNET (MSB 644) <i>clw during MAGNET out</i>	<i>LP</i>
94-06-09	CAPACITOR, BATCH CODES (CSB 641) <i>clw during MAGNET out</i>	<i>LP</i>
94-14-12	DETONATION DUE TO LOW OCTANE FUEL <i>clw by engine out</i>	<i>LP</i>

REVISIONS

ENGINE RECORD - GENERAL INFORMATION

MANUFACTURER Continental MODEL T510-520-N (1)

SERIAL 509484 TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT Q35HA 340A (LH) HC-BDR
SN 340110251 N340TX

MINIMUM OCTANE FUEL 100/130 OIL GRADE SUMMER AD 100 WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

ENGINE LOG

NOTES

AIRMARK OVERHAUL, INC.
6001 N.W. 29th Avenue
Fort Lauderdale, Florida 33309
FAA Certified Repair Station #JL4R288M

Maintenance Release

CORRECTED TIMES 10-17-95

Engine Model TS10-520-N(1) Serial No. 509489
Total Accumulated Time 1400.35 Time Since Overhaul 0.0
Date Overhauled 10-28-94 Work Order No. 20096

Signed 

The above Listed Engine has been inspected, overhauled and Test Run in accordance with manufacturers specifications and current Federal Aviation Regulations, and was found airworthy for return to service. All applicable factory service bulletins and airworthiness directives complied with this date. See listing in back of book.

READING DATE	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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AIRMARK OVERHAUL, INC.
 6001 N.W. 29th Avenue
 Fort Lauderdale, Florida 33309
 FAA Certified Repair Station #JL4R288M

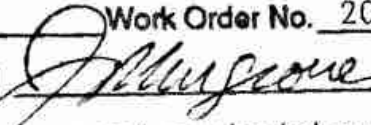
Maintenance Release

Engine Model TSIO-520-N (1) Serial No. 509489

Total Accumulated Time ^{1400.} 1921.7 Time Since Overhaul 0.0

Date Overhauled 10-28-94 Work Order No. 20096

Signed _____



The above Listed Engine has been inspected, overhauled and Test Run in accordance with manufacturers specifications and current Federal Aviation Regulations, and was found airworthy for return to service. All applicable factory service bulletins and airworthiness directives complied with this date. See listing in back of book.


TOTAL
TIME IN
SERVICE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Date: 11/01/94 Reg. #: N/A
T.S.M.O.H.: 0.0 hrs. Make: TELEDYNE CONTINENTAL
Total Time: 1,921.7 hrs. Model No: T510-520-N
Serial No: 509489

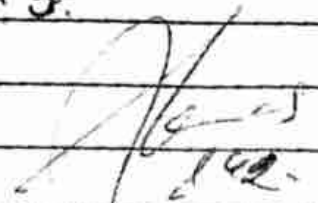
I find that this ENGINE meets the requirements
for the certification requested and have issued an Export
Certificate of Airworthiness.

No. E274386 to ECUADOR
The next annual inspection is due N/A

Signed: 

Robert R. Cernuda
F.A.A. Designated Airworthiness Representative
No. DAR-47-FS-S0

Installed on LH of CESSNA 340 Registered
to H.C. BDR T.Tech: 14005.


14005

ORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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(818) 908-5800

LOG BOOK ENTRY

FAX (818) 908-5807



Van Nuys, CA

*A/C T.T.
1995*

03-08-96 N 931AT TSMOH: 85

Left Engine
Engine inspected in accordance with a 100 Hour
Inspection and was found to be in airworthy
condition.

Oil and filter changed, Aeroshell 100W.
2 induction elbows, p/n 64019, replaced.
AD 77-13-22 Crankcase complied with by inspection.

[Signature]

THOMASON AIRCRAFT CORPORATION
16700 ROSCOE BOULEVARD
VAN NUYS, CALIFORNIA 91406
E.A.A. REPAIR STATION
TOZR224L

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Tom's Aircraft Maintenance Inc.

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

LHN931AT. 5/20/97. Hobbs 165.8. TSMOH 250.8. Changed oil and filter with Aeroshell 100W. Compression as follows: #1, 72, #2, 72, #3, 70, #4, 74, #5, 72, #6, 70 over 80. Cleaned fuel nozzles and replaced all seals and orings. Cleaned, gapped and tested spark plugs. Set magneto timing. Replaced engine air filter. Replaced turbo wye with an overhauled unit from Knisley Welding. Replaced both exhaust headers with new Knisley parts. Replaced wastegate connect pipe with a new Knisley part. Replaced both slip joints with RAM PMA parts. Washed down engine and test ran for leaks and operation. All ok. This engine is approved for return to service.

Tom L. Jacobson. F.A.A. Repair Station

Tom L. Jacobson

#VTMR569K

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**Tom's Aircraft
Maintenance Inc.**

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET • LONG BEACH INT'L AIRPORT • LONG BEACH, CA 90806

N 931AT

Tach. Time 165.8 Total Time 2172.50

I certify that this Engine has been
inspected in accordance with a/an 100 hr/annual
inspection and was determined to be in airworthy condition. All
details of this inspection are on file at this facility under work order
8045 Dated 5/20/97

Authorized signature Don Jacobson
F.A.A. Repair Station #VTMR569K

DATE

19__

**Tom's Aircraft
Maintenance Inc.**

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

NO ALTERATIONS
(CERTIFICATE NUMBER OF
THIS SPECIFIC ENTRIES.)

LH N°31AT. Hobbs 193.4. 7/25/97.

Changed oil and filter with Aeroshell 100W. Washed down engine and test ran for leaks and operation. All ok. This engine is approved for return to service.

Tom L. Jacobson F.A.A. Repair Station #VTMR569K.



**Tom's Aircraft
Maintenance Inc.**

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

LH N°31AT Hobbs 208.3. 10/28/97.

Changed oil and filter with Aeroshell 100W. c/w AD75-23-08R5, exhaust system inspection. OK. next due at 258.3. Washed down engine and test ran for leaks and operation. All ok. This engine is approved for return to service.

Tom L. Jacobson. F.A.A. Repair Station #VTMR569K.



Tom's Aircraft Maintenance Inc.

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET ▢ LONG BEACH INT.'L AIRPORT ▢ LONG BEACH, CA 90806

LH N331 AT. 6/23/98. Hobbs 265.9. TSMOH 350.9. T.T. 2298.2. S.O. #8634
Changed oil and filter with Aeroshell 100W. Compression as follows: #1, 68,
#2, 55(78) #3, 64, #4, 70, #5, 68, #6, 65 over 80. Cleaned, gapped and tested
spark plugs. Set magneto timing. Cleaned fuel nozzles. Replaced seals and
orings. Removed #2 cylinder and had overhauled by One Stop Aviation.
Reinstalled per the Continental Service Manual. Replaced engine air filter.
Washed down engine and test ran for leaks and operation. All ok. This engine is
approved for return to service.

Tom L. Jacobson. F.A.A. Repair Station #VTMR569K.

Tom L. Jacobson

Serviceable Part Tag

F.A.A. APPROVED REPAIR STATION XR3R981L

ITEM DESCRIPTION

20/150 500 Cylinder COMPLETE ASSEMBLY

REMARKS

fresh Chrome overhauled

short on hole + n. resist & gault

INSTALLED

W.O.# 16262

DATE

MECH

#2 L.E.

INSP

ONE STOP AVIATION, INC.

3012 HALLADAY, SANTA ANA, CALIFORNIA 92705

PHONE (714) 432-9197

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**Tom's Aircraft
Maintenance Inc.**

Phone 562-426-5331
Fax 562-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

N LH N931AT

Hobbs 265.9 TSMOH 350.9

Tach. Time _____ Total Time 2298.2

I certify that this engine has been

inspected in accordance with a/an annual
inspection and was determined to be in airworthy condition. All
details of this inspection are on file at this facility under work order

8634 Dated 6/23/98

Authorized Signature *Tom Jacobson*
F.A.A. Repair Station #VTMR569K

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/5/99	290.7			changed oil & filter with aeroshell 100w Tom L. Jacobson VTMR569K
	345.2			changed oil and filter with aeroshell 100w Tom L. Jacobson VTMR569K

Tom's Aircraft Maintenance Inc.

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

LH N931AT 6/17/99 Hobbs 380.1
Changed oil and filter with aeroshell 100W. Changed turbo with part number 407810-9001 S# UPR0141. Washed down engine and test ran for leaks and operation all ok. This engine is approved for return to service.
Tom L. Jacobson F.A.A. Repair Station#VTMR569K
Tom L. Jacobson

N931AT

SERVICEABLE

Make Name: Airesearch Part No: 407810-9001
Part Name: Turbocharger Serial: UPR0141

The aircraft component identified above was completely evaluated in accordance with the manufacturer's specifications and with the current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order No. 20290

Date: 5/25/99 Signed: *Dany Mani*
(Signature of Authorized Individual)

MAIN TURBO SYSTEMS, INC.
234 Cotta Ct. • Visalia, CA 93292

Phone (209) 635-3322 • Repair Station #MAM1110K • FAX (209) 627-1960

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

**Tom's Aircraft
Maintenance Inc.**

Phone 310-426-5331
FAX 310-426-1052

2801 E. SPRING STREET □ LONG BEACH INT.'L AIRPORT □ LONG BEACH, CA 90806

LH N931AT 9/7/99 Hobbs 389.3 TSMOH 474.3 TT 2421.6
 Changed oil and filter with acroshell 100W. Compression as follows: #1
 66, #2 65, #3 60, #4 65, #5 65 and #6 60 over 80. Cleaned fuel nozzles and
 replaced seals. Replaced spark plugs. Washed down engine and test ran for
 leaks operation all ok. This engine is approved for return to service.

Tom L. Jacobson F.A.A. Repair Station#VTMR569K

Tom L. Jacobson

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**Tom's Aircraft
Maintenance Inc.**

Phone 562-426-5331
Fax 562-426-1052

2801 E. SPRING STREET □ LONG BEACH INT'L AIRPORT □ LONG BEACH, CA 90806

N 931AT

Hobbs: 3-9.3 TSMOH 474.3

Tach. Time _____ Total Time 2421.6

I certify that this Engine (I.H.) has been

inspected in accordance with a/an Annual
inspection and was determined to be in airworthy condition. All
details of this inspection are on file at this facility under work order

9239 Dated 9/7/09

Authorized Signature *Tom Jacobson*
F.A.A. Repair Station #VTMR569K

DATE 19__
 RECORDING TACH TIME
 TODAY'S FLIGHT
 TOTAL TIME IN SERVICE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

MAKE Cessna
 MODEL 340A
 S/N 340A0251
 REG NO N931AT

KEYSTONE AVIATION
 303 NORTH 2370 WEST
 SALT LAKE CITY, UTAH 84116
 F.A.A. Certificated Repair Station #K5SR339N
AIRFRAME/ENGINE LOGBOOK INSERT

DATE: 05/26/2000
 T.T.A.: _____
 HOBBS: 472.5
 TACH: _____

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under referenced Repair order.

DATE 26-May-00 SIGNED David W. Brown REPAIR ORDER NO. 6493

ENG 1

Model #TSIO-520-N Serial #509489
 Left hand engine oil drained hot Oil filter removed and inspected for contamination, none found. New CH48108 filter installed and safetied. Engine serviced with 12 qt. A/S 100 mineral. Leak check satisfactory.

END OF RECORD

8-10-00	514.8			Oil & Filter Change PLACED IN OTHER ENGINE LOG.
10-19-00	528.8			100 HR INSPECTION - CLEAN & GAD PLUGS COMPRESSION CHECK #1
	613	Smart		70/80 #2 72/80 #3 72/80 #4 72/80 #5
	94	STON		74/80 #6 72/80 - CHECK MAGS & TIMING - OIL NOT CHANGED AT THIS TIME. CHECK AIR FILTER - FUEL SUPPLY

TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		<p>INSPECTED EX SYSTEM AS PER AD 75-23-8 R5 & AD2000-1-16 BY INSPECTION 3524R SWCB EX NEW I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION & WAS FOUND TO BE AIRWORTHY RUN UP & LEAK CHECK OK Gary Larkin FAA PWR0267</p>

DRAFT

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG
U.S. Department of Transportation
Federal Aviation Administration

3 System Tracking Method

U.S.A.

A-163739

4 Organization

Aero Electric, Inc.
3414 W. 29th Street South
Wichita, Ks 67217

5 Work Order, Contract, or Invoice Number


A-188279

6 Item	7 Description	8 Part Number	9 Units	10 Quantity	11 Serial/Part Number	12 Status/Work
1	ALTERNATOR	ALV9510	*	1	A-163739	OHC

3 Remarks


*To be verified by installer. See W/O. OVERHAULED & CERTIFIED.

Limited Life parts must be accompanied by maintenance history including total time total cycles time since new.

14 <input type="checkbox"/> New <input checked="" type="checkbox"/> Newly Overhauled <small>Certifies that the new or newly overhauled part(s) identified above except as otherwise specified in Block 13 was/were built/fabricated in accordance with FAA approved design data and is/are airworthy. NOTE: In case of parts to be exported, the special requirements of the exporting country have been met.</small>		Return to Service in Accordance with FAR 43.9 <small>Certifies that the work specified in Block 13 (or attached) was carried out in accordance with FAA Airworthiness regulations, and in respect to the work performed the part(s) is/are approved for return to service.</small>	
15 Signature	16 FAA Authorization No.	20 Authorized Signature 	21 Certificate Number NV2R045L
17 Name (Typed or Printed)	18 Date	22 Name (Typed or Printed) JEFFREY JELLER	23 Date NOV 16 2001

FAA Form 8130-3 (11-93)

(Optional) installer must cross check eligibility with applicable technical data.


Paul Fisher

YS
IT

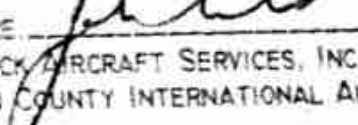
TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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DATE: OCTOBER 3, 2002 N931AT HOBBS TIME: 632.1 SMOH 717.1

Changed oil and filter, cut filter-No contaminants found. Serviced with 12 qts W80 Aeroshell. Checked harness, clean and gap all spark plugs. Cleaned fuel injectors. Checked fuel system and control cables. Compressions #1 72, #2 70, #3 70, #4 72 #5 70 #6 70.BA-6108. Degreased engine. Engine run up and leak checked. Ad 00-23-21 NA by date.

I hereby certify that this Engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition at this time.

NAME: JOHN NICHOLS A.P.#1316440501A

SIGNATURE: 
WOODSTOCK AIRCRAFT SERVICES, INC.
SULLIVAN COUNTY INTERNATIONAL AIRPORT

CORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

ENGINE MODEL
ENGINE SN (L)
REG NO N931AT
WORK ORDER 10336

Keystone Aviation
303 N 2370 W
Salt Lake City, Utah 84116
Repair Station No. K5SR339N

DATE 01/02/04
TTA
TTE (L)
HOBBS 708 2

Left Engine Entries

LEFT ENGINE ANNUAL INSPECTION C/W IAW FAR 43 APPENDIX D AND MANUFACTURES CHECKLIST. THIS ENGINE WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.... LEFT ENGINE COMPRESSION CHECK C/W. RESULTS AS FOLLOWS: #1 64/80 #2 55/80 #3 64/80 AND #4 62/80 #5 62/80 #6 62/80. CHECKED SATISFACTORY USING CALIBRATED ORIFICE PER TELEDYNE CONTINENTAL SB M84-15 FOR CYLINDER LEAKAGE CHECK.... LH ENG OIL DRAINED HOT. REMOVED AND INSPECTED FILTER FOR CONTAMINATION. NONE FOUND. INSTALLED AND SAFETIED NEW CH 48108 FILTER. INSTALLED DRAIN PLUG WITH NEW GASKET AND SAFETIED. SERVICED ENGINE WITH 12 QTS AEROSHELL 15W50 OIL. RUN UP AND LEAK CHECK SATISFACTORY.... REPLACED L & R MAGNETO P LEAD BOOTS, LH ENGINE P/N MS25171-1S. ... SPARK PLUGS REMOVED AND REPLACED WITH NEW PLUGS P/N RHB-32E ON LH ENGINE. OPERATIONAL CHECK NORMAL.... LH ENGINE PROP SYNC WIRE BAFFLING GROMMET REMOVED AND REPLACED WITH 1 EACH NEW GROMMET P/N MS35489-11 AND INSTALLED SPIRAL WRAP ON WIRES. ... LH ENGINE ALTERNATE AIR CABLE SEPARATED FROM VACUUM LINE WITH ZIP TIE STAND OFF. ... LT ENGINE BAFFLING CRACKED AFT OUTBRD CORNER. FABRICATED AND INSTALLED DOUBLER PATCH. DOUBLER FABRICATED FROM .032 ALUMINUM PATCH APPROXIMENT SIZE 1 in X 2 in ... LH ENGINE OUT BOARD SLIP JOINT HEAT SHIELD IMPROPERLY SECURED. RESECURED HEAT SHIELD AND CLAMP AS REQUIRED.... LT ENGINE INBRD SLIP JOINT HEAT SHIELD IMPROPERLY SECURED. RESECURED HEAT SHIELD AND CLAMP AS REQUIRED.... AD 2000-01-16 TO DETECT AND CORRECT CRACKS AND CORROSION IN THE EXHAUST SYSTEM C/W ON LEFT ENGINE PER PARA (b),(c),(d) AND (e). CHECKED SATISFACTORY. NEXT INSPECTION DUE (b) 02/02/04 (c) 01/02/05 (d) HOBBS 1255.8 (e) 01/02/05. EFFECTIVE DATE 01/10/00....

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L L C. inspection manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under referenced Repair Order

DATE: 01/02/04

SIGNED: *William H Green*
Certified Repair Station No. K5SR339N

WORK ORDER: 10336

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EL PASO IET

7201 Boeing Drive, El Paso, TX 79925

Tel: (915) 774 0170

Make: Teledyne Continental	T.S.M.O.: 966.0	S/N: 509489
Model: TSIO-520N	S.T.O.H.: 447.0	Hobbs: 881.0

Performed 100 hr inspection on engine in accordance to Cessna 3-10A maintenance manual. Changed oil & oil filter with Aeroshell 50st. Cleaned & gapped spark plugs, cleaned fuel injector nozzles. Repaired minor oil leak front of the engine, and in front of crankcase.

Compression: #1-68/80, #3-70/80, #5-62/80
 #2-67/80, #4-70/80, #6-75/80

END

MAINTENANCE RELEASE

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

Signed: 
 Jerry K. ...
 A & P 430135494

Date: December 17, 2004

S T	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		Removed & Replaced Vacuum Pump, Replaced Hose & Clamp. G. Williams App 1985330
		Replaced LH TACH GEN OVERHAUL Unit Test Run checked G.K.
		Jim Dunlop App 450135494 Oil & Filter changed, cleaned top plugs, Exhaust System Press Test OK NO LEAKS, Comp 1.60/2.68 3.68/4.68 5.68/6.68 — — — —
		G. Williams App 1985330

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SEPT. 1, 2009: ANNUAL INSPECTION Completed per FAR 43.D. and Cessna guidelines. Engine warmed and oil drained. New oil filter installed and 12gts oil added. Engine rewarmed, leak checked for oil. OK. Sparkplugs removed and compression tested #1(64) #2(62) #3(63) #4(62) #5(64) #6(63)/80psi. Sparkplugs cleaned, gapped and reinstalled. Magneto timing set to Spec. Exhaust system checked OK per AD 2000-01-16 (see Airframe log). Engine re-cowled and given a Post Inspection run-up at idle, Mag check and Max power RPM - all engine and Propeller functions are normal.

T.C.M. TS10-520-N
 Inspected in accordance with AN ANNUAL
 inspection and has been found to be in an airworthy condition.
 Date 09-01-2009
 Total Time
 Hours 1088.0
 Sign: [Signature]
 SONY BALL
 A & P 2141061
 Ellettsville, IN

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110	Hobbs	98.3	3 Pyrotech tests & sent to quality aircraft accessories reinstalled after OVI 405 check normal Scott Egesdahl AIP46797983

Date: Oct 15, 2010
N340TX
Teledyne Continental
TSIO-520-N

Hobbs: 1111.1

Performed Annual inspection IAW FAR 43.13 app d. Cleaned gapped and rotated plugs, comp check as follows #1 /80 #2 /80 #3 /80 #4 /80 #5 /80 #6 /80. the continental master orifice indicated 45 for the day and all leaks where thru the rings. Replaced all engine compartment fluid lines with new. Replaced induction air filter. Drained oil and removed filter insp for contaminants. Serviced engine with 10 qts Aeroshell W100. AD 09-16-03 N/A by M/N, AD 09-19-07 N/A by cyl not installed, AD 10-11-04 N/A by dates. I certify that this engine has been inspected IAW an annual inspection and was found to be in airworthy condition.


Scott Egesdahl A&P 57158561A

10/15/2012	Hobbs: 1124.3	e/w AD 2000-01-16 Exhaust system by paragraph (b) visual inspection (c) remove and inspect tail
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LT.

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			<p> pipes, (d) engine beams, firewall, and bulkhead inspection. (e) pressure test. Replaced flexible baffle seal. Replaced nine spark plugs. Repositioned left ignition leads clamp to eliminate chafing on cylinder #4 cooling fins. Added shim washer to mixture control end. Repositioned air filter housing and tightened clamp. Applied high temperature sealant to throttle and mixture fire sleeve and installed sheet metal heat shield. Tied manifold pressure and upper deck reference lines. Tightened left inboard exhaust support. Installed missing rivets in data plate. Tightened fuel flow regulator reference fitting. Fabricated and installed air filter cover filter retainers. Changed oil and filter. Cut open removed filter for inspection - checked good. Serviced with 11 qts. AeroShell W100 plus. Grad. run ok. Performed 100 hour inspection as per Cessna inspection guide. </p>

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	CO-PRESSION CHECK		
TT	2609.8	Date 10/15/2012	I certify this Aircraft / Engine has been inspected in accordance with an 100 HR / annual inspection and has been determined to be in airworthy / unairworthy condition. WES WRIGHT A&P / IA 2994045 <i>Wes Wright</i> Date 10/15/2012 8 / C.T.T. 2609.8
#1	61/80	# 4 64/80	
#2	60/80	# 5 63/80	
#3	57/80	# 6 64/80	
	T.S.M.O.	1124.8	

1/6/2014	Hobbs: 1163. C/W AN 2000-01-16 Exhaust system, by Paragraph (b) visual inspection (c) Remove and inspect tail pipes. (d) engine beams, firewall and bulkhead. (e) pressure test. Repaired right rear baffle attachment. Performed 100 hour inspection as per Cessna inspection guide.		
	CO-PRESSION CHECK		
TT	2648.	Date 1/6/2014	I certify this Aircraft / Engine has been inspected in accordance with an 100 HR / annual inspection and has been determined to be in airworthy / unairworthy condition. WES WRIGHT A&P / IA 2994045 <i>Wes Wright</i> Date 1/6/2014 8 / C.T.T. 2648.
#1	68/80	# 4 70/80	
#2	57/80	# 5 71/80	
#3	67/80	# 6 71/80	
	T.S.M.O.	1163.	