

N72149

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

LEFT

**ENGINE
MAINTENANCE
RECORDS**

Custom Airmotive, Inc.
FAA REPAIR STATION #DC2R763K
AIRCRAFT ENGINE SERVICE
2702 N. SHERIDAN, BLDG. B
TULSA, OK 74115
(918) 836-8836
FAX (918) 836-8431



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N-721YG

Engine Manufacturer Continental

Model TSE0-520-NB

Serial No. 519323

Date installed on aircraft _____

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

- Right Left
 Front Rear



AEROTECH PUBLICATIONS INC.
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(516) 765-9375
FAX: (516) 765-9359

ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS.

TT 3579.6 TSMOH 1.1 (test run)

Model TSIO-520-NB S/N 519323

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under,

Work Order No. 15176

Date 21AUG98

Signed Mark D. Litzig for CRS#DC2R763K

CUSTOM AIRMOTIVE, INC.
2702 N. SHERIDAN, BLDG. B
TULSA, OK 74115
ph. (918)836-6836 fax(918)836-9431

Note: Fuel system, turbocharger and magnetos were also overhauled (see appropriate tags). Spark plugs, ignition harness and oil filter are new. CHANNEL CHROME cylinders were installed at this overhaul.

AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E8CE
MODEL TSIO-520-NB S/N 519323 WO# 15176 TT 3579.6

- | A.D.# | METHOD OF COMPLIANCE |
|------------|---|
| 78-06-01 | P/C/W; HAD P/N 642590 TUBE @ #2 CYL.. |
| 79-05-09 | C/W; HAS PROPER VALVE & ASSOC. PARTS. |
| 80-01-04 | N/A TO THESE CYLINDERS. |
| 81-24-06 | FUEL SYSTEM OVERHAULED @ TCM FACTORY. |
| 82-09-01 | TO BE C/W UPON INSTALLATION IN THE A/C. |
| 86-13-04R3 | C/W AS NECESSARY DURING CYLINDER OVERHAUL. |
| 88-03-06 | C/W BY USE OF A CHAMPION FILTER. |
| 89-24-01R1 | C/W BY USE OF P/N 649157 & 649159 GEARS. |
| 91-19-03 | C/W BY USE OF FILTER WITH PROPER CODE AT O-H. |
| 93-08-17 | N/A PER MODEL OR S/N. |
| 93-10-02 | N/A; PROPERLY ASSEMBLED CYLINDERS. |
| 93-16-15 | C/W BY USE OF P/N 653359 COUPLING. |
| 95-21-15 | N/A TO THIS ENGINE. |
| 97-26-17 | C/W; CRANKSHAFT ULTRASONIC INSPECTED & IS A VAR TYPE. |
| 98-01-08 | N/A; HAS TCM ROCKER ARMS. |

SIGNED Mark D. Litzig FOR CRS# DC2R763K ON 21AUG98

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				10-02-98 N721YG LEFT ENGINE. HOBBS: 2833.2 SMOH: 0 INSTALLED THIS ENGINE ON N721YG, S/N 340-0342. ADD 12 QTS OF PHILLIP 20W50 XC. GROUND RUN AND CHECK FOR LEAKS. <i>Walter Brown</i> WALTER BROWN 441480417A&P
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A /AN <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>Ralph Wynn</u> A&P, IA <u>443421020</u>
6-13-99			28700	Oil Change & Filter 4 Qts. Aero Shell W100 SOWI. <i>Walt Kelly</i> , 530466344 OWNER
6-25-99			28700	ADJUST LEFT ENGINE FUEL FLOWS PER CESSNA MAINTANCE MANUAL PAGE 9-34 PARAGRAPH 2a THRU 2h ENGINE GROUND RUN OPS CHECK OK AT THIS TIME <i>RAS 44091615</i> Ron's Aircraft Service, Inc. FAA CRS #RJUR641K Signature <i>Ron's Aircraft Service</i>

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6/20/99			2870.0	INSTALL SHADIN DIGITAL FUEL FLOW TRANSDUCER P/N 660526 INSTALLED ACCORDING TO FACTORY SPECIFICATIONS, SHADIN DRAWING NUMBER 4021-21 AND STC SE4446L DATED SEPT 12, 1980 Dennis L. Seelbach 284322894 A-P
12-2-99			2934.7	COMPRESSION CK. #1 70/80 #2 70/80 #3 70/80 #4 65/80 #5 70/80 #6 70/80 OIL CHANGE, FILTER, & AIR FILTERS CLEAN & MAP PLUGS Russell Long Dry 5/6 792069
1-1-00			2934.7	1 CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION Dennis L. Seelbach 284322894 IA
8-26-00			3017.1	OIL & FILTER CHECK NO LEAKS ALT McElroy
3-7-01			3071.3	CHANGED OIL + FILTER SERVICE WITH 12 QTS ASI 15W-50 SAFTIED OIL FILTERS AND OIL DRAIN PLUGS CLEAN AND GAPPED SPARK PLUGS COMPRESSION AS FOLLOWS #1 88/80 #2 68/80 #3 66/80 #4 66/80 #5 66/80 #6 70/80 C/W AD 2000-01-16 IAW PARAGRAPHS (b)(4)(A)(X)(F)(G) REPLACED EXHAUST WITH NEW PARTS FROM KRISLEY WELDING REPLACED V BAND CLAMPS AND EXHAUST GASKETS REPLACED WASTE GATE HEAT SHIELD Russell Long Dry 07/24/2001
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3/7/01	3071.3			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION <i>Donald L Zedden 2843228941A</i>
10/21/01	3129.3			Oil & filter change <i>Alb McKelvey 530-46-6344</i>
2/10/02			3179.8	Oil & Filter Change <i>Alb McKelvey 530 46 6344.</i>
N721YG Hobbs= 3205.7 04/05/02				
Drained engine oil and serviced with 12 Quarts Aeroshell 15/50 oil. Installed New CH48108 oil filter. Compression check as follows; 1=60/80, 2=60/80, 3=70/80, 4=70/80, 5=75/80, 6=60/80. Checked magneto timing and adjusted as required. Cleaned, gapped and rotated all spark plugs. Performed all 100 hour inspection requirements IAW Cessna 340 service manual. Engine ground run, ops and leak checks good. Cleaned and lubed all engine controls.				
I Certify that this Engine has been Inspected In Accordance with An Annual Inspection and was Determined in Airworthy Condition. Approved for Return to Service. <i>Landon P. McElroy</i> IA573170695				
12-10-02			3233.2	Oil & Filter Change & Replace with 15-50 Aero Shell 11 qts. <i>Alb McKelvey 530 46 6344</i>
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8-1-02			3284.9	Oil & Filter Change Aero Shell 15-50 & Champion 48108 Olt McKelvey 530 46 6344
10-27-02			3334.1	oil & Filter Change. Champion 48108 & Aero shell 15-50 Olt McKelvey 530 46 6344
4-10-04			3384.6	Oil & Filter 12 qts Aero shell 15-50

N721YG Hobbs: 3423.9 TSMO: 590.7 05/19/03 Lt. Engine

Drained engines oil and serviced with 12 quarts Aeroshell 15/50 oil. Installed new CH48108 oil filter. Compression check as follows; 1= 65/80, 2= 70/80, 3= 75/80, 4= 60/80, 5= 75/80, 6= 70/80. Cleaned, gapped and rotated all spark plugs. Checked magneto timing and adjusted as required. Cleaned engine fuel strainer. Checked engine controls and rigging. Washed engine, cleaned and lubed all controls. Engine ground run, ops and leak checks good. I certify that this engine has been inspected IAW a **100 Hour/Annual Inspection** and was determined in airworthy condition. Approved for return to service.

[Signature] #542132716 **Air Excel Maintenance**
1201 Airport Road
Boulder City, NV 89005

6-27-03			3450.6	Replace Vacuum Pump Sen # Tempest 13915 <i>[Signature]</i> #542132716

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7/3/04		720.7	3581.2	<p>Drained engines oil and serviced with 12 quarts Aeroshell wh100 oil. Installed new C1448108 oil filter. Cut old filter and inspected for contaminants, none noted. Compression check as follows: 1= 64/80, 2= 68/80, 3= 74/80, 4= 62/80, 5= 75/80, 6= 70/80.</p> <p>Cleaned, gapped and rotated all spark plugs, checked magneto timing and adjusted as required. Washed engine, cleaned & lubed all controls. Checked M.I. to date and updated master listing. Inspected exhaust system IAW AOB 2000-01-16. See Airframe log for details. Engine ground run, ops and leak checks good. I Certify that this Engine has been inspected IAW a 100 Hour / Annual Inspection and was determined in Airworthy Condition.</p> <p>Approved for Return to Service _____</p> <p><i>Phil [Signature]</i> #25421327116 113</p>

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2005	8955.1		3599.1	TOTALS brought forward from previous page
				Drained Engine Oil, Serviced with 12 qts of w 100 50 wt Replace Oil Filter Champion CH 48108. Cleaned All Spark Plugs. Replace Air Cleaner with Bracket # BA 22 Old McMeley A.P # 3035934
8-20			3599.1	Compression Cks #1 67/80 #2 64/80 #3 73/80 #4 62/80 #5 74/80 #6 68/80 Old McMeley A.P 3035934
2007				
5-2			3635.1	Oil Change With Filter Serviced with 12 qts of AeroShell 100 - 50 wt. Replace Champion 48108 Filter Old McMeley A.P 3035934
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