

44

ENGINE LOG

DATE	LOGBOOK ENTRY	ATURE	LICENSE NUMBER
19	MAJOR OVERHAUL S/N- 503143	MAKE CONTINENTAL MODEL TSIO 520JCN	
	<p>THIS ENGINE WAS REMOVED FROM SERVICE FOR ROUTINE OVERHAUL. ENGINE WAS DISSASSEMBELED, CLEANED, AND INSPECTED I/A/W THE CONTINENTAL OVERHAUL MANUAL. ALL STEEL PARTS WERE MAGNUFLUX INSPECTED. ALL ALUMINUM PARTS WERE INSPECTED USING THE DYE PENETRANT METHOD OF INSP. ALL WORN OR REJECTED PARTS WERE REPLACED WITH NEWW FAA/PMA APPROVED REPLACEMENT PARTS. A NEW "VAR" CRANKSHAFT P/N-649895 HAS BEEN INSTALLED NEW SCAVENGER PUMP GEARS HAVE BEEN INSTALLED I/A/W AD89-24-01. ENGINE WAS REASSEMBELED TO FACTORY NEW TOLERENCES AND LIMITS PER THE CONTINENTAL OVERHAUL MANUAL. ENGINE WAS TESTED AND AT THIS TIME FOUND TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE. ALL PERTINENT DETAILS OF THIS OVERHAULCAN BE FOUND ON FILE AT EXECUTIVE AIRCRAFT ENGINES COLUMBUS, OHIO.</p>		
	<p>WORK ORDER EA2591 DATE 7/20/95 TT 1283.8</p>	<p>EXECUTIVE AIRCRAFT ENGINES COLUMBUS</p>	
		<p><i>Robert A. Seal</i> AP279862218</p>	

LT

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 4

Aircraft Registration No. N5827M

Engine Manufacturer TCM

Model TS-10520N

Serial No. 503143

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

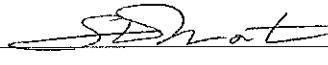
If used on multi-engine aircraft:

- | | |
|--------------------------------|--|
| <input type="checkbox"/> Right | <input checked="" type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



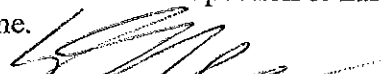
AEROTECH PUBLICATIONS INC.

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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
2008 10 Oct	2128.7	841.9	873.8	DRAINED OIL, SERVICED WITH AMMOHELL W/100 PLUS. CHANGED OIL FILTER. INSPECTED OLD FILTER. RECOMMEND REINSPECT 10 HOURS + COMPRESSION CHECK #1 50/80 #2 59/80 #3 61/80 #4 59/80 #5 60/80 #6 64/80. CHECKED IGNITION TIMING. SERVICED SPARKPLUGS. REMOVED ALL VALVE COVERS AND INSPECTED VALVE SPRINGS FOR CONDITION. OK GROUND RUN CHECK OK. ———  438726257.AP

Date: 03/17/10 Time: 882.0 SMOH: 850.1

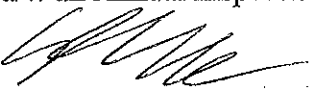
Oil & filter changed, serviced w/11 qts. AS100W+. Filter checked, minor metal noted, check again in 10 hours. Plugs checked. Compression checked, all cylinders 50/80 or better. Tach Generator replaced w/ OH'd unit from Quality Aircraft Accs., see documents. Ops & leak check OK. Engine washed & ground run. AD09-16-03, AD09-19-07 & AD09-24-52 all N/A.

I certify that this engine has been inspected i/a/w an Annual Inspection & has been determined to be in airworthy condition at this time.
 Frank May, A & P 426239616 IA 

LH:

Date: 07/01/11 Time: 893.8 SMOH: 861.9

Changed oil & filter. Serviced w/ 12 qts. AS100W+. Filter checked, no metal noted. Plugs checked. Compression checked i/a/w TCM SB03-03, #1) 59/80, #2) 60/80, #3)58/80, #4) 62/80, #5)63/80, #6)62/80. Air filter elements replaced. AD10-1-04 is n/a. Engine washed & ground run.

I certify that this engine has been inspected i/a/w an Annual Inspection & has been determined to be in airworthy condition at this time.
 Frank May, A & P 426239616 IA 

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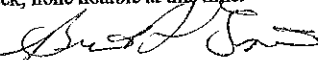
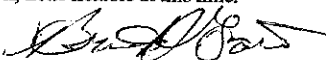
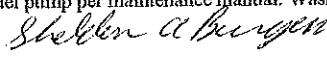
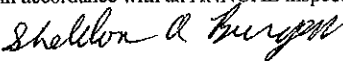
TOTALS-Carry forward to next page

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
Q AERO JACKSON Q				
JACKSON, MISSISSIPPI				
N5827M Lt. Engine Date 10-12-2012 Hourmeter 914.2 Total Time 2166.1 TSO 882.3				
Installed six overhauled cylinder assy's from Gibson Aviation. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 12qts of Phillips 20W50 oil. Cleaned and gapped sparkplugs. All fuel and oil hoses replaced. Repaired baffles as needed. Fuel strainer cleaned. Magneto timing checked. Brackett airfilter element replaced. p/n BA-22. Retorqued and salted waste gate controller. Engine washed and ground ran. Operational checks OK. No leaks noted.				
I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Sheldon A Burgess A&P 2159379 IA <i>Sheldon A Burgess</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
N5827M Lt. Eng. Date 12-5-2012 Hourmeter 950.7				
Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12 qt. Phillips 20W50 X/C oil. Replaced EGT probe. p/n MM-112-1. Washed and grd. ran engine. No leaks noted. Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
N5827M Left Engine Date 2-25-2013 Hourmeter 994.8				
Changed oil and filter (CH48108-1). Cut old filter open and inspected. No metal found. Serviced engine with 12qts Phillips X/C 20W-50. Ground ran engine. No leaks noted. Nathaniel E Insley IV A&P 3621698 <i>Nathaniel E Insley IV</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
N5827M Left Engine Date 5-9-2013 Hourmeter 1057.1				
Changed oil and filter (AA48108-2). Cut old filter open and inspected. No metal found. Serviced engine with 12qts Phillips X/C 20W-50. Ground ran engine. No leaks noted. Nathaniel E Insley IV A&P 3621698 <i>Nathaniel E Insley IV</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
N5827M Left Engine Date 6-5-2013 Hourmeter 1106.7				
Changed oil and filter (CH48108-1). Cut old filter open and inspected. No metal found. Serviced engine with 12qts Phillips X/C 20W-50. Ground ran engine. No leaks noted. Nathaniel E Insley IV A&P 3621698 <i>Nathaniel E Insley IV</i>				

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<p>→ AERO JACKSON → JACKSON, MISSISSIPPI</p> <p>N5827M Left Engine Date 7-22-2013 Hourmeter 1158.4</p> <p>Changed oil and filter (CH48108-1). Cut old filter open and inspected. No metal found. Serviced engine with 12qts Phillips X/C 20W-50. Ground ran engine. No leaks noted.</p> <p>Nathaniel E Insley IV A&P 3621698 <i>Nathaniel E Insley IV</i></p>				
<p>Q AERO JACKSON Q JACKSON, MISSISSIPPI</p> <p>N 5827M Left Engine DATE 10-1-13 TACH.</p> <p>Replaced right intake elbow RAM part # 1111-2, ran up engine and check for proper idle</p> <p>William A McCain A&P 3630087. <i>William A McCain</i></p>				
<p>Q AERO JACKSON Q JACKSON, MISSISSIPPI</p> <p>N5827M Lt. Engine Date 11-18-2013 Hourmeter 1239.0 Total Time 2490.9 TSO 1207.1</p> <p>Compression check (1) 72/80 (2) 76/80 (3) 71/80 (4) 64/80 (5) 78/80 (6) 77/80. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 11 qts Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. Replaced two sparkplugs. Replaced inbd exhaust elbow. p/n A9910299-4. Fuel strainer cleaned. Magneto timing checked. Brackett filter element replaced. p/n BA22. Engine washed and ground ran. Operational checks OK. No leaks noted.</p> <p>I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.</p> <p>Sheldon A Burgess A&P 2159379 IA <i>Sheldon A Burgess</i></p>				
<p>→ AERO JACKSON → JACKSON, MISSISSIPPI</p> <p>N5827M Lt. Engine Date 1-22-2014 Hourmeter 1304.8</p> <p>Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12 qt. Phillips 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.</p> <p>Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i></p>				
<p>→ AERO JACKSON → JACKSON, MISSISSIPPI</p> <p>N5827M Lt. Engine Date 03-21-2014 Hourmeter 1369.4</p> <p>Changed oil and filter. Installed new CH48108-1 oil filter and serviced with 12 quarts of Phillips 20W50. Engine run for oil filter leak check, none notable at this time.</p> <p>Brian Goins AP3738075 <i>Brian Goins</i></p>				
				SUB-TOTALS this page
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→ AERO JACKSON → JACKSON, MISSISSIPPI				
				N5827M Lt. Engine Date 04-08-2014 Hourmeter 1376.4
				Installed O/H fuel pressure regulator part number 642100-5/6 serial number 414020. Adjusted pressure to match fuel pressure readings of right engine.
				Brian Goins AP3738075 
→ AERO JACKSON → JACKSON, MISSISSIPPI				
				N5827M Lt. Engine Date 05-14-2014 Hourmeter 1419.9
				Changed oil and filter. Installed new CH48108-1 oil filter and serviced with 12 quarts of Phillips 20W50. Inspected engine exhaust IAW AD 2000-1-16 / Visual. Inspected oil filter no metal found at this time. Engine run for oil filter leak check, none notable at this time.
				Brian Goins AP3738075 
→ AERO JACKSON → JACKSON, MISSISSIPPI				
				N5827M Lt. Engine Date 06-18-2014 Hourmeter 1472.6
				Changed oil and filter. Installed new CH48108-1 oil filter and serviced with 12 quarts of Phillips 20W50. Inspected engine exhaust. Inspected oil filter no metal found at this time. Engine run for oil filter leak check, none notable at this time.
				Brian Goins AP3738075 
→ AERO JACKSON → JACKSON, MISSISSIPPI				
				N5827M Lt. Eng. Date 10-9-20-14 Hourmeter 1563.4
				Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12qt. Phillips 20W50 X/C oil. Adjusted fuel pump per maintenance manual. Washed and grd. ran engine. No leaks noted.
				Sheldon A Burgess A&P 2159379 
→ HAWKINS JET CENTER → JACKSON, MISSISSIPPI				
				N5827M Lt. Engine Date 2-13-2015 Total Time 2871.3 TSOH 1587.5
				Compression check (1) 74/80 (2) 76/80 (3) 77/80 (4) 56/80 (5) 78/80 (6) /80. Reinstalled repaired cyl's in the #4&6 position. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 12 qts Phillip 20W50 X/C oil. Installed I2ea URHB32E sparkplugs. Fuel strainer cleaned. Magneto timing checked. Lt magneto timing adjusted. Distributor valve seal replaced p/n 631330. Outbd intake flexible elbow replaced p/n 1111-2. Brackett filter element replaced. p/n BA-22. EGT probe replaced p/n 11-05672. Engine washed and ground ran. Operational checks OK. No leaks noted.
				I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Sheldon A Burgess A&P 2159379 IA 
TOTALS -Carry forward to next page				