

RT

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AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N5827M

Engine Manufacturer TCM

Model TS10520N

Serial No. 218666R

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:



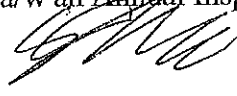
- Right Left
 Front Rear



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
	2120.5	778	809.9	TOTALS brought forward from previous page
18 AUG 2007			809.9	<p>Drained Oil, Service with Amsoil/Wood. Replaced Oil Filter. INSPECTED OLD FILTER OK. Compression check: #1 58/80 #2 48/80 #3 50/80 #4 52/80 #5 38/80 #6 60/80. Replaced Cylinders #2, #3 and #4 DUE TO EXHAUST VALVE WAK. Replaced Cylinders O/H By John Jewell A/C ENGINES, CRS JATR300C on W.O.# J071073, #N 071073, W.O.# J071071, #N 071071. W.O.# J071072, #N 071072. Removed ENGINE for Right OUTBOARD BEAM Support Replacement. Installed AFTER BEAM Replacement. Ground IZUM AND Adjust Fuel Flow AS Required. Replaced Push Rod TUBE BASKETS on Cylinder #5 and #1. Installed New upper Deck Gasket and ORINGS on INJECTORS. — END —</p> <p><i>John Jewell</i> 438726257 AP</p> <p>Changed o.i. - Filter - Serial #1129 TS AS100W etc. Inspected exhaust valve AD00-01-16(3)(6). Engine washed - test run.</p> <p><i>John Jewell</i> AP426239616</p>
4-5-08				<p>Hebb, 8600</p>
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2008 10 Oct	2184.4	841.9	8738	DRAINED OIL, SERVICED WITH AEROSHELL W100 Oils. CHANGED OIL FILTER. INSPECTED OLD FILTER RECOMMEND REINSPECT AT 10 HOURS. COMPRESSION CHECK #1 42/80 #2 43/80 #3 52/80 #4 62/80 #5 46/80 #6 61/80. CHECKED IGNITION TIMING. SERVICED SPARKPLUGS. REMOVED ALL VALVE COVERS AND INSPECTED VALVE SPRINGS FOR CONDITION OK. ENGINE RUN CHECK OK — END —  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 39/80 or better. 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 				
RH: 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) 52/80, #2) 50/80, #3) 48/80, #4) 52/80, #5) 50/80, #6) 49/80. Air filter elements replaced. AD10-11-04 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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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	Rt. Engine	Date 10-12-2012	Hourmeter 914.2 Total Time 2224.8 TSO 882.3
Installed six overhauled cylinder assy's from Gibson Avation. 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 safetied tach generator housing. Alternate air duct replaced. 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	Rt. 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	Right 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>				
Q AERO JACKSON Q JACKSON, MISSISSIPPI				
	N5827M	Rt. Engine	Date 3-11-2013	Hourmeter 994.8
Replaced engine driven fuel pump. Installed p/n 632818-2 s/n 3013RA. Replaced starter. installed p/n 646275-1R s/n H-M091184.				
Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
	N5827M	Right 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>				

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→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Right 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 *Nathaniel E. Insley*

→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Right Engine Date 7-22-2013 Hourmeter 1158.4

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 *Nathaniel E. Insley*

Q AERO JACKSON Q

JACKSON, MISSISSIPPI

N5827M Rt. Engine Date 11-18-2013 Hourmeter 1239.0 Total Time 2549.6 TSO 1207.1

Compression check (1) 78/80 (2) 78/80 (3) 68/80 (4) 64/80 (5) 66/80 (6) 68/80. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 11qts Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. Retorqued oil cooler mount nuts. Fuel strainer cleaned. Magneto timing checked. Brackett filter element replaced. p/n BA22. 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 *Sheldon A Burgess*

→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Rt. Engine Date 1-22-2014 Hourmeter 1304.8

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.

Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

RainAir Aircraft Services, LLC
280 Aldredge Drive, Albertville AL 35950

A/C Registration: N5827M A/C Make: Cessna
A/C Model: 340A A/C SN 340-0051
Hobbs/Tach Time: 1313.5 Total Time: _____

Removed R/H Starter P/N646275 S/N MO91XXX Installed
O/H starter P/N 646275 S/N 0270002M O/H performed by
Modified Aircraft Accessories Inc. #MO6R900J Form#12071 All
work IAW TCM MM17-9 Ops ck Good

I certify this aircraft, airframe, engine, propeller or appliance has been inspected and repaired IAW current FAA regulations and is approved for return to service.

Details on file under W.O. No: 823B Dated: 2/10/14
Authorized Signature: Patrick D. Jones *Patrick D. Jones* A&P 3146505 age

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→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Rt. Engine Date 03-21-2014 Hourmeter 1369.4

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.

Brian Goins AP3738075 

→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Rt. Engine Date 04-08-2014 Hourmeter 1376.4

Installed O/H Starter adapter/turbo oil scavenge pump assy. Part number 642085A2
Serial number CAM13-343, IAW CAM installation instructions.
Engine test run leak check performed, no leaks found at this time.

Brian Goins AP3738075 

→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Rt. 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 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 Rt. Engine Date 05-23-2014 Hourmeter 1432.1

Replaced sparkplugs, installed new RHB32E plugs. Engine run up check OK.

Brian Goins AP3738075 

→ **AERO JACKSON** →
JACKSON, MISSISSIPPI

N5827M Rt. 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 oil filter no metal found at this time. Replaced oil cooler gasket. Replaced seals for fuel injector air line on #1, 3, & 5 cylinders.
Engine run for oil filter leak check, none notable at this time.

Brian Goins AP3738075 

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Q AERO JACKSON Q JACKSON, MISSISSIPPI				
N5827M	Rt. Engine	Date 9-3-2014	Hourmeter 1536.4	
Replaced main and retard contact points in lt. magneto. Ran on test bench for one hour. Reinstalled on engine. Operational check OK. Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>				
→ AERO JACKSON → JACKSON, MISSISSIPPI				
N5827M	Rt 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 <i>Sheldon A Burgess</i>				
→ HAWKINS JET CENTER → JACKSON, MISSISSIPPI				
N5827M	Rt Engine	Date 2-13-2015	Total Time 2930.0	TSOH 1587.5
Compression check (1) 74/80 (2) 78/80 (3) 65/80 (4) /80 (5) 62/80 (6) 71/80. #4 cyl. Replaced with cyl assy from J&J air parts. Changed oil and filter. Inspected oil filter. No metal found. Serviced engine with 12qts Phillips 20W50 oil. Cleaned and gapped sparkplugs. Fuel strainer cleaned. Magneto timing checked. Adjusted lt magneto timing. Replaced diaphragm p/n 626536 and seal p/n 631330 in distributor valve. Brackett filter element replaced. p/n BA-22. EGT prob 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 <i>Sheldon A Burgess</i>				
→ Hawkins Jet Center → JACKSON, MISSISSIPPI				
N5827M	Right Engine	Date 5-1-2015	Hourmeter 1636.8	
Installed overhauled alternator on right engine. Part number ALV-9510 Serial number H-0010673. Run Up Ops Check OK Brian Goins AP3738075 <i>Brian Goins</i>				
→ HAWKINS JET CENTER → JACKSON, MISSISSIPPI				
N5827M	Rt eng.	Date 6-1-2015	Hourmeter 1648.0	
Replaced starter. Removed p/n 646275 starter and installed starter p/n 646275 s/n H-0100278. Sheldon A Burgess A&P 2159379 <i>Sheldon A Burgess</i>				

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