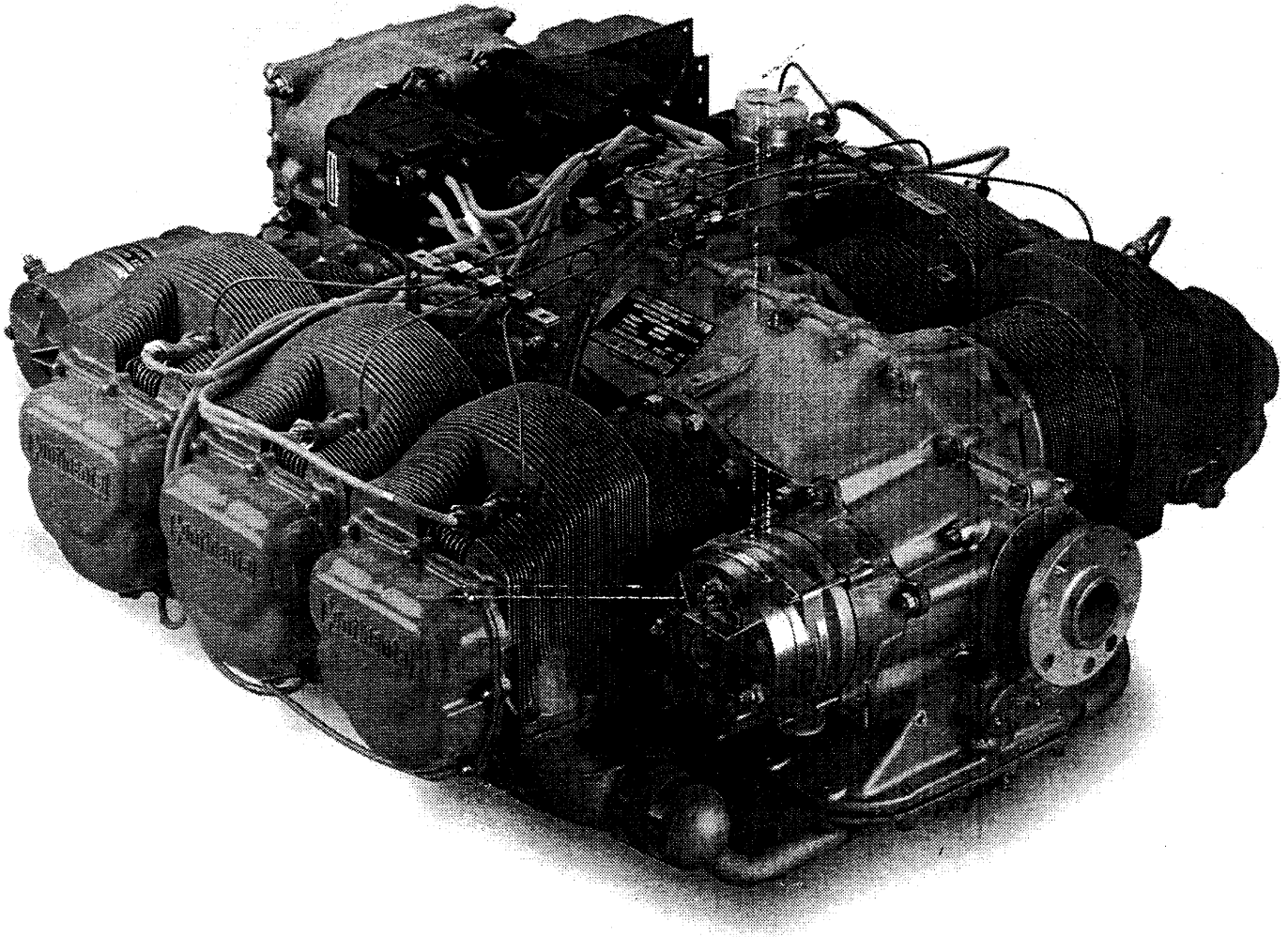


RH  
Side.

# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**

## Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

## Engine Returns

All returned engines are to be shipped with this log book  
Directly to:

**Engine Return Department  
2039 Broad Street  
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



**Teledyne Continental Motors, Inc.**  
A Teledyne Technologies Company

Printed: 06/16/2007

This engine model I0550C3F, Serial No. 833515 - R was manufactured on 06/16/2007 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



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**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508



Item #	Description
*****SERVICE DESCRIPTION*****	
1	RIGHT FUEL BLADDER APPARENTLY WAS LEAKING FROM INBOARD TANK. REMOVED OLD FUEL BLADDER AND INSTALLED NEW FUEL BLADDER.
2	ON THE RIGHT SIDE BEHIND THE WHEEL WELL THE FUEL DRAIN WAS LEAKING. REMOVED FUEL DRAIN AND INSTALLED NEW FUEL DRAIN.
3	RIGHT FUEL BLADDER, FUEL QUICK DRAIN WAS LEAKING. REPLACED WITH NEW QUICK DRAIN.
4	FOUND THE RH FUEL DRAIN DID NOT DRAIN CLEAN THE SYSTEM. CHECK FAILED. TROUBLESHOT AND FOUND THE HOSE WAS PLUGED. CLEANED AND SERVICED THE SYSTEM.
5	LEFT WING AILERON TRIM HAD PLAY. REPAIRED BY REMOVING THE HINGE AND REBUSHING THE HINGE.
6	BOOTS BRACE ASSY ROD HAD DAMAGED BOOT FOR THE LANDING GEAR SYSTEM. INSTALLED NEW BOOT COVERS.
7	RIGHT PUSH PULL ELEVATOR ROD END WAS FULL OF RUST. REMOVED AND CLEANED. RE-PRIMED ROD ENDS.
8	REPLACED THE LH MAIN TIRE. BEARINGS LUBRICATED. BEARINGS AND WHEEL INSPECTED.
9	REMOVED THE NOSE STRUT AND REPLACED THE O-RING BECAUSE IT WAS DETERIORATED AND HAD A HYDRAULIC LEAK.
10	FOUND THE BUSHING FROM THE NOSE STRUT WERE CORRODED. REPLACED WITH NEW BUSHING.
11	AIRCRAFT WASHED AND DETAILED. SPINNERS CLEANED
*****PARTS*****	
	700C-31 ATTITUDE INDICATOR STAND BY
	5000B37 V.S.I.
	FUEL TANK P/N 36-920015-2
	FUEL TANK 2FT-6-40866-14
	MAIN TIRE P/N 658786-3
	BOOT COVER FOR LANDING GEAR ROD ASSYMBLY
	S6250 OIL DRAIN VALVE
	O-RING KIT FOR NOSE STRUT
	HYDRAULIC 5606

Item #	Description	Qty.
*****SERVICE DESCRIPTION*****		
1	REMOVED THE STANDBY ATTITUDE INDICATOR AND REPLACED WITH A NEW ONE BY SIGMETER SUPPLIED FROM MID CONTINENTAL.	
2	REPLACED THE V.S.I. FOR A 0 TO 2000 FOOT INDICATION	
3	ENGINE RIGGED AND ADJUSTED. REPAIRED FRONT COWLING ENGINE BAFFLES.	
4	SENT AIRCRAFT COVER TO BE REPAIRED BY BRUCE'S CUSTOM COVERS.	
5	TWO PROPELLER DYNAMIC BALANCE	
6	DURING AIRPLANE TESTING FOUND A SHORT ON THE RH ENGINE STARTER SYSTEM. FOUND THE SWITCH HAD AN INTERNAL SHORT. REPLACED SWITCH WITH A NEW SWITCH.	
*****PARTS*****		
	STARTER SWITCH P/N 251720-1	1.00

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION  
 DATE 08-01-07 TOTAL TIME 0 Hrs.  
 TACH TIME 3169 hrs  
 REPAIR STATION # ZRSP3781

*[Signature]*

8-30-07 LEFT ENGINE N4165S  
 HOBBS: 3186.2 IO550C3F  
 ETT: 17.2 S/N 833514-R

Drained Oil and Opened Oil Filter For Inspection. Installed a New CH48109-1 Filter and Serviced With 12 Quarts Aeroshell 100 Mineral Oil. Run Up and Leak Checks Good.

THE AIRCRAFT, AIRFRAME, ENGINE COMPONENT, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ON THE REPAIR ARE ON FILE. AT THIS REPAIR STATION UNDER WORK ORDER NO. 5244 DATED 8/30/07  
 AUTHORIZED SIGNATURE: *[Signature]*  
 INSPECTION CERTIFIED REPAIR STATION J25R196J  
 TELFORD AVIATION SERVICES INC.  
 154 MAINE AVENUE  
 BANGOR, MAINE 04401 TEL (207) 990-5555

20 Feb 08 Hobbs 3221.1 Hr Changed oil & filter. Serviced 10 qts oil 15W50 Aeroshell & oil filter CH-48109-1. Take soap sample for analysis. Cut open and inspected old oil filter. No metal found. Wash off of Run up ground engine for leak and OPS did good.  
*[Signature]* AP-589869160.

em#	Description	Item#	Description	Qty.
	*****SERVICE DESCRIPTION*****	26	LEFT ENGINE: PROP DEICE TUBES WERE WEATHER CRACKED AT SMALL HOSE CONNECTORS. REPLACED THE MEDIUM HIGH PRESSURE HOSE.	
	ANNUAL INSPECTION			
	COMPRESSION CHECK:	27	LEFT WHEEL WELL: FLAP SENDING UNIT WAS MISSING AND THERE WERE BROKEN RUBBER BOOTS ON THE WIRE CONNECTORS. REPLACED THE BOOTS.	
	RH: 1) 78/80 2) 76/80 3) 78/80 4) 76/80 5) 78/80 6) 78/80			
	LH: 1) 77/80 2) 78/80 3) 79/80 4) 78/80 5) 76/80 6) 78/80	28	LEFT WHEEL DOWNLOCK CABLE WAS CORRODED. CLEANED AND LUBRICATED THE CABLE.	
	LOW THRUST DETECTOR WAS INOP. SENT THRUST DETECTOR TO BE CALIBRATED. INSTALLED NEW SENSOR THRUST TUBES FOR LOW THRUST DETECTOR P/N 101-2100-3-45	29	NOSE WHEEL STEERING LINK (ROD END) WAS BROKEN (LOOSE-BALL). AIRCRAFT PUT ON JACKS. ORDERED A NEW ROD-END AND EXCHANGED THE DAMAGED PART.	
	REPLACED STATIC WICK ON RUDDER. OLD ONE WAS DAMAGED.	30	SHIMMY DAMPENER HAD NO RESISTANCE TO TURNING. REMOVED & SERVICED BY INSTALLING NEW O-RINGS AND HYDRAULIC.	
	LEFT VACUUM PUMP WAS INOP. REPLACED WITH NEW VACUUM PUMP.			
	PROP SYNC, PHASE INOP. TROUBLESHOT. APPEARED IT WAS NOT CONNECTED CORRECTLY. DISCONNECTED AND RECONNECTED. AIRCRAFT FLOWN & CHECKED. WORKS OK.	31	CABIN DOOR SEAL WAS IN BAD SHAPE. CARGO DOOR SEAL WAS CRACKED. REPLACED WITH NEW SEALS. THE CABIN DOOR AND CARGO DOOR SEALS WERE BOTH REPLACED. NOTE: NEEDED TO BE CLEANED AND THEN THE SEALS WERE INSTALLED.	
	GREASE FITTING WAS MISSING ON RIGHT LANDING GEAR. INSTALLED NEW GREASE FITTING.	32	ELT BATTERY WAS OVERDUE. NEW ELT BATTERY EXPIRES OCT 2010. TESTED THE RECEIVER	
	RIGHT TANK WAS LEAKING WHEN FULL. REPLACED O-RINGS P/N MS28775-338-PACKING. TORQUED THE BOLTS.	33	REMOVED THE FUEL FILTERS AND INSPECTED.	
	RIGHT COWL FLAP ACTUATOR: INSTALLED NEW BOLT ASSY WITH SAFETY.	34	FOUND A SOLINOID WAS STUCK FOR THE RIGHT ENGINE STARTER. MOTOR TROUBLE. FOUND THE ELECTRIC STARTER HAD DAMAGED THE MOTOR. REPLACED THE SOLINOID P/N 6041H190 AND THE STARTER MOTOR P/N ST-3 STARTER.	
	EDM OIL TEMP ON LEFT WAS SHOWING HIGH. EXCHANGED PROBE FOR ENGINE LH & RH SIDES.			
	LEFT ENGINE: EXCHANGED CHT #2 AND #4. NOTE: SOMETIMES THEY RUN VERY COLD.	35	REPLACED THE LEFT STARTER WITH P/N ST-3.	
	EMERGENCY GEAR COVER WAS LOOSE. CLEANED & INSTALLED NEW VELCRO.	36	AD LIST UPDATE. SEE LIST.	
	BEACON LIGHT: ONE BULB LIGHT WAS NOT WORKING. REPLACED.			
	HOSE LINES TO DRAIN THE DEICER FROM THE RIGHT PROPELLER BLADES HAD SOME WEATHER CRACKS. INSTALLED NEW HOSES.	38	AD 84-09-01 EMERGENCY EGRESS PROVISIONS. EMERGENCY WINDOWS.	
	RIGHT ENGINE: VACUUM HOSE HAD TWO CLAMPS THAT WERE CRACKED. INSTALLED NEW CLAMPS.	39	AD 91-15-20 CRACKED ENGINE MOUNTS. ENGINE MOUNTS INSPECTED.	
	RIGHT ENGINE: RIGHT MAGNETO CONDENSOR WIRE WAS BROKEN. REPAIRED WIRES.	40	AD 91-17-01 ELEVATOR TRIM TAB ACTUATORS. HAVE BEEN MARKED.	
	RIGHT ENGINE: LEFT MAGNETO HAD A BROKEN GROUND WIRE AT THE CONDENSOR. REPAIRED WIRES.	41	AD 95-03-14 ENGINE MOUNT CRACKS. ENGINE MOUNTS HAVE BEEN OVERHAULED.	
	RIGHT ENGINE: PROP. GOVERNOR CABLE WAS RUBBING ON AFT ENGINE MOUNT BRACKET. INSTALLED STAND-OFF TIE-WRAP ETC.	42	AD 97-14-15 DOOR HANDLE'S LOCK RELEASE BUTTON. INSPECTED AND ARE ON THE CORRECT POSITION.	
	RIGHT WING FUEL QUICK DRAIN (JUST AFT OF GEAR) WAS LEAKING. REPLACED DRAIN.	43	AD 98-04-24 SEVERE ICING CONDITIONS. OPERATOR MANUAL.	
	LEFT AND RIGHT BRAKES WERE AT 50%. REPLACED BRAKE PADS FOR BOTH SIDES. CALIPER PINS CLEANED AND LUBRICATED.	44	AD 2007-08-08 DECREASE THE POSSIBILITY OF GEAR-UP LANDINGS CAUSED BY SEIZURE OF THE UPLOCK ROLLERS. UPLOCK ROLLERS INSPECTED & LUBRICATION NEXT DUE AT 3382 HOURS.	
	LEFT ENGINE TOP MOUNTS HAD A SMALL GAP. REPAIRED MOUNTS FOR WARRANTY.	45	AD 2007-26-09 TO PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS IN THE BLADE SHANK RADIUS. 047534 AND 05-21-04 PROPELLER OVERHAULED.	
	LEFT ENGINE: HOSE FITTING @ BOTTOM OF OIL COOLER WAS LEAKING. TORQUED THE FITTING.	46	INSTALLED NEW SEALS WHERE WINGS ATTACH TO FUSELAGE. INSTALLED SEALS ON THE STABILATORS.	
	LEFT ENGINE: BREATHER TUBE CLAMP AT EXHAUST STACK HAD A LOOSE BOLT. TORQUED THE BOLT.		REPLACED THE SANDEL INTERNAL LIGHT	
	LEFT ENGINE: #2 & #4 VALVE COVER GASKETS WERE LEAKING. TIGHTENED THE SCREWS ONLY.		*****OUTSIDE WORK*****	
		1	101-1000-1 OR 101-2100-3-45 LOW THRUST DETECTOR REPAIRED AND CALIBRATED	
			*****PARTS*****	
			C592001-0203 STATIC WICK	1.00
			2J4-7 FILTER	2.00

4	description	QTY.
	S28775-338 PACKII	
	H48109-1 OIL FILTE	
	AD9-14-S FILTER E	
	300084(M-674) SPA	
	IS28775-115 PACKI	
	IS28775-012 PACKI	
	3-199-6 GASKET	
	8V40W 2807 LAMP	
	0-30-006 ELT BATT	
	CA-1550 QUICK FL	
	0122-B LAMP REPI	
	REASE FITTING	
	IRAKE LININGS	
	NOSE WHEEL STEI	
	I42CW-12 VACUUM	
	3016 GREASE FITT	
	MS15002-1 GREAS	
	35-825053 NOSE S	
	3041H190 RELAY	
	30122-B LAMP KIT	
	187 SEAL FOR WIN	
	ST-3 STARTER - 2	
	3041H190 RELAY	
	PITOT TUBE FOR	
	STABILATOR SEAL	
	MISCELLANEOUS	
	*****	
	QTS. OIL 15W50 A	

Item#	Description
*****SERVICE DESCRIPTION*****	
1	ANNUAL INSPECTION
2	COMPRESSION CHECK: RH: 1) 78/80 2) 76/80 3) 78/80 4) 76/80 5) 78/80 6) 78/80 LH: 1) 77/80 2) 78/80 3) 79/80 4) 78/80 5) 76/80 6) 78/80
3	LOW THRUST DETECTOR WAS INOP. SENT THRUST DETECTOR TO BE CALIBRATED. INSTALLED NEW SENSOR THRUST TUBES FOR LOW THRUST DETECTOR P/N 101-2100-3-45
4	REPLACED STATIC WICK ON RUDDER. OLD ONE WAS DAMAGED.
5	LEFT VACUUM PUMP WAS INOP. REPLACED WITH NEW VACUUM PUMP.
6	PROP SYNC, PHASE INOP. TROUBLESHOT. APPEARED IT WAS NOT CONNECTED CORRECTLY. DISCONNECTED AND RECONNECTED. AIRCRAFT FLOWN & CHECKED. WORKS OK.
7	GREASE FITTING WAS MISSING ON RIGHT LANDING GEAR. INSTALLED NEW GREASE FITTING.
8	RIGHT TANK WAS LEAKING WHEN FULL. REPLACED O-RINGS P/N MS28775-338-PACKING. TORQUED THE BOLTS.
9	RIGHT COWL FLAP ACTUATOR: INSTALLED NEW BOLT ASSY WITH SAFETY.
10	EDM OIL TEMP ON LEFT WAS SHOWING HIGH. EXCHANGED PROBE FOR ENGINE LH & RH SIDES.
11	LEFT ENGINE: EXCHANGED CHT #2 AND #4. NOTE: SOMETIMES THEY RUN VERY COLD.
12	EMERGENCY GEAR COVER WAS LOOSE. CLEANED & INSTALLED NEW VELCRO.
14	BEACON LIGHT: ONE BULB LIGHT WAS NOT WORKING. REPLACED.
15	HOSE LINES TO DRAIN THE DEICER FROM THE RIGHT PROPELLER BLADES HAD SOME WEATHER CRACKS. INSTALLED NEW HOSES.
16	RIGHT ENGINE: VACUUM HOSE HAD TWO CLAMPS THAT WERE CRACKED. INSTALLED NEW CLAMPS.
17	RIGHT ENGINE: RIGHT MAGNETO CONDENSOR WIRE WAS BROKEN. REPAIRED WIRES.
18	RIGHT ENGINE: LEFT MAGNETO HAD A BROKEN GROUND WIRE AT THE CONDENSOR. REPAIRED WIRES.
19	RIGHT ENGINE: PROP. GOVERNOR CABLE WAS RUBBING ON AFT ENGINE MOUNT BRACKET. INSTALLED STAND-OFF TIE-WRAP ETC.
20	RIGHT WING FUEL QUICK DRAIN (JUST AFT OF GEAR) WAS LEAKING. REPLACED DRAIN.
21	LEFT AND RIGHT BRAKES WERE AT 50%. REPLACED BRAKE PADS FOR BOTH SIDES. CALIPER PINS CLEANED AND LUBRICATED.

Item#	Description
26	LEFT ENGINE: PROP DEICE TUBES WERE WEATHER CRACKED AT SMALL HOSE CONNECTORS. REPLACED THE MEDIUM HIGH PRESSURE HOSE.
27	LEFT WHEEL WELL: FLAP SENDING UNIT WAS MISSING AND THERE WERE BROKEN RUBBER BOOTS ON THE WIRE CONNECTORS. REPLACED THE BOOTS.
28	LEFT WHEEL DOWNLOCK CABLE WAS CORRODED. CLEANED AND LUBRICATED THE CABLE.
29	NOSE WHEEL STEERING LINK (ROD END) WAS BROKEN (LOOSE-BALL). AIRCRAFT PUT ON JACKS. ORDERED A NEW ROD-END AND EXCHANGED THE DAMAGED PART.
30	SHIMMY DAMPENERS HAD NO RESISTANCE TO TURNING. REMOVED & SERVICED BY INSTALLING NEW O-RINGS AND HYDRAULIC.
31	CABIN DOOR SEAL WAS IN BAD SHAPE. CARGO DOOR SEAL WAS CRACKED. REPLACED WITH NEW SEALS. THE CABIN DOOR AND CARGO DOOR SEALS WERE BOTH REPLACED. NOTE: NEEDED TO BE CLEANED AND THEN THE SEALS WERE INSTALLED.
32	ELT BATTERY WAS OVERDUE. NEW ELT BATTERY EXPIRES OCT 2010. TESTED THE RECEIVER
33	REMOVED THE FUEL FILTERS AND INSPECTED.
34	FOUND A SOLINOID WAS STUCK FOR THE RIGHT ENGINE STARTER. MOTOR TROUBLE. FOUND THE ELECTRIC STARTER HAD DAMAGED THE MOTOR. REPLACED THE SOLINOID P/N 6041H190 AND THE STARTER MOTOR P/N ST-3 STARTER.
35	REPLACED THE LEFT STARTER WITH P/N ST-3.
36	AD LIST UPDATE. SEE LIST.
37	AD 84-09-01 EMERGENCY EGRESS PROVISIONS. EMERGENCY WINDOWS.
38	AD 91-15-20 CRACKED ENGINE MOUNTS. ENGINE MOUNTS INSPECTED.
39	AD 91-17-01 ELEVATOR TRIM TAB ACTUATORS. HAVE BEEN MARKED.
40	AD 95-03-14 ENGINE MOUNT CRACKS. ENGINE MOUNTS HAVE BEEN OVERHAULED.
41	AD 97-14-15 DOOR HANDLE'S LOCK RELEASE BUTTON. INSPECTED AND ARE ON THE CORRECT POSITION.
42	AD 98-04-24 SEVERE ICING CONDITIONS. OPERATOR MANUAL.
43	AD 2007-08-08 DECREASE THE POSSIBILITY OF GEAR-UP LANDINGS CAUSED BY SEIZURE OF THE UPLOCK ROLLERS. UPLOCK ROLLERS INSPECTED & LUBRICATION NEXT DUE AT 3382 HOURS.
44	AD 2007-26-09 TO PREVENT FAILURE OF THE PROPELLER BLADE FROM FATIGUE CRACKS IN THE BLADE SHANK RADIUS. 047534 AND 05-21-04 PROPELLER OVERHAULED.
45	INSTALLED NEW SEALS WHERE WINGS ATTACH TO FUSELAGE.

Qty.	Description
1.00	OR.
2.00	BULB LIGHT
2.00	
24.00	
4.00	
2.00	
4.00	
1.00	
1.00	
1.00	
1.00	
1.00	
12.00	
1.00	
1.00	
6.00	
6.00	
2.00	
1.00	
1.00	
2.00	
2.00	
1.00	
1.00	
2.00	
22.00	

**CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION DATE 10-09-08 TOTAL TIME 113.5 Hrs TACH TIME 3282.5 Hrs REPAIR STATION # ZRSR378L**

OR.  
BULB LIGHT  
\*\*\*\*\*  
RUST DETECTOR REPAIRED  
\*\*\*\*\*

1.00  
2.00

4	Description	QTS.
	MS28775-338 PACKING	
	48109-1 OIL FILTER	
	AD9-14-S FILTER ELEMENT	
	800084(M-674) SPARK PLUG GASKET	
	MS28775-115 PACKING	
	MS28775-012 PACKING	
	13-199-6 GASKET	
	18V4CW 2807 LAMP	
	3-30-006 ELT BATTERY EXP. 10-2010	
	CA-1550 QUICK FUEL DRAIN	
	10122-B LAMP REPLACEMENT KIT FOR SANDER	
	GREASE FITTING	
	BRAKE LININGS	
	NOSE WHEEL STEERING ROD END P/N 6041H190	
	442CW-12 VACUUM PUMP	
	3010 GREASE FITTING	
	MS15002-1 GREASE FITTING	
	35-825053 NOSE STEERING EYE SPACER	
	3041H190 RELAY	
	30122-B LAMP KIT	
	187 SEAL FOR WING ROOT	
	ST-3 STARTER - 24V	
	3041H190 RELAY	
	PITOT TUBE FOR THE THRUST DETECTOR	
	STABILATOR SEALS	
	MISCELLANEOUS	
	*****GAS-OIL-SOLVENT*****	
	QTS. OIL 15W50 AEROSHELL	

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brou

Date 5/27/2009N Number N4165S Tach Time N/A Total Time 137.0 SMOH N/A Left

REPLACED LEFT ENGINE STARTER ADAPTER WITH TCM REMANED WARRANTY REPLACEMENT STARTER ADAPTER P/N 642083A12-R. GROUND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY.

*Young Johnson APT 43136491*

**Mach Aviation Services, Inc.**

**Cessna, Piper, Beechcraft**  
 4451 Smith Field Drive  
 North Spring, AR 72761  
**479-787-0124**  
 Machaviationservices@wildblue.net

Date:09/15/09 N#:4165S Tach/Hobb: 3363.7 ETSN: 194.7 M/N: IO-550-C3F S/N:833514-R

Drained oil and removed oil filter. Inspected oil filter for debris, none noted. Installed new oil filter CH48109-1. Serviced engine with 12 qts of Aeroshell 15W-50. Added 1 pint of Camguard per customer request. Ran engine and leak checked, no leaks noted.

*Edwin L. Allen*  
 Edwin L. Allen A&P 432631931 I.A.

**Mach Aviation Services, Inc.**

**Cessna, Piper, Beechcraft**  
 4451 Smith Field Drive  
 Spring Springs, AR 72761  
**479-787-0124**  
 Machaviationservices@wildblue.net

Date:03/23/2010 N#: 4165S Tach/Hobb: 3402.3 ESMOH:233.3 M/N: IO-550-C3F S/N:833514-R

Removed cowlings and inspected in accordance with FAR 43 appx.D. Drained oil and removed oil filter. Cut filter and inspected for debris, none noted. Installed new oil filter (CH48109-1) and serviced engine with 11 1/2 qts of Aeroshell 15W-50 and one pint of Cam Guard. Compression test 1) 68 2) 70 3) 72 4) 72 5) 74 6) 70. Installed new engine air filter (BA-6205). Cleaned and gapped spark plugs and rotated from top to bottom. Inspected and cleaned all injectors. Washed engine and lubricated all engine controls. All AD's are complied with as of this date. All AD's were checked thru 2010-06. All work was accomplished in accordance with Beechcraft and Continental Service Manuals. Ground ran aircraft and check all systems, no defects noted.

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

*Edwin L. Allen*  
 Edwin L. Allen A&P 432631931 I.A.