















D NO. / SB	RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2002-12-07 543	B	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT NEW P/N CONVERTER PLATE INSTALLED	N/A	X		2	
2002-26-01 342	D	FUEL LINE AND SUPPORT CLAMP INSPECTION & INSTALL. NEW LINES INST. WITH NEW CLAMP	100 HOURS		X	1	
2003-14-03 529	B	ROTARY FUEL PUMP TORQUE. NEW PUMP WITH "M" SUFFIX INSTALLED	N/A		X	2	
64-16-05 298		AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	X		1	
66-06-03 302	A	REPLACEMENT OF CONNECTING ROD ASSY. NEW ROD CONFIGURATION	N/A	X		1	
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A	X		2	
67-22-06 305	4 B	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY NEW OR NEWLY O/H INSTALLED	N/A	X		1	
71-05-02 327	C	INSPECTION OF CENTER MAIN BEARING NEW INSTALLED	N/A	X		1	
71-11-02 328		REPLACEMENT OF EXH & INT HYD TAPPET PLUNGERS NEW P/N HYD TAPPETS INSTALLED	N/A	X		1	
71-23-01 367	F	INSP FOR CRACKS IN PISTON PINS INST NEW PARTS	N/A	X		1	
75-09-15 382		BENDIX FUEL INJ RS-43 INSP OF MOD OF FLOW DIVIDERS NEW P/N GASKET INSTALLED	N/A	X		1	
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A	X		1	
79-04-05 433	A	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A	X		1	
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A	X		2	
90-04-06 488	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A	X		1	
91-14-22 475	C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES NEW P/N INSTALLED	N/A	X		1	
92-12-05 501	B	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A	X		2	
93-11-11 N/A		AC, TEXTRON LYC FUEL PUMP O/H BY AERO ACCESSORIES NEW AC F/P INST. WHEN APPLIC.	N/A	X		1	
93-14-15 N/A		INST OF PLCKRD DENOTING OPER. NOT TO EXCEED 33.#HG FIELD COMPLIANCE AFTER STC	N/A	X		2	
94-01-03 N/A	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS NEW CONFIGURATION PART INST.	N/A	X		1	

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable





A Textron Company

652 Oliver Street

Williamsport, PA 17701 U.S.A.

AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

3/6/04

Engine Model No: **IO-360-A1A**

Engine SN: **RL-27665-51A**

Page 2 of 2

AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
94-06-09 517		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS NEW CONF. CAPACITORS INSTALLED	N/A	X		1	60
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X		1	60
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	X		1	60
96-09-10 524		REPLACEMENT OF OIL PUMP IMPELLERS STEEL IMPELLERS INSTALLED	N/A	X		1	60
96-12-07 425	C	Inspection of impulse couplings and stop pins New snap ring configured magneto installed	500 hours		X	1	60
96-23-03 525	A	HIGH PRESSURE FUEL PUMP INSTALLED LW-15473 NEWLY MANUFACTURED PUMPS INST.	N/A	X		1	60
97-15-11 527	C	RECALL OF PISTON PIN P/N LW-14077 NEW CONFIGURATION P/N INST.	N/A	X		1	60
98-02-08 530	A	INSPECTION OF CRANKSHAFT ID FOR CORROSION MAG INSP./APPLY URETHABOND 104	N/A	X		1	60
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A	X		1	60

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable





A Textron Company

RECORD of ACCESSORIES
AND
MAJOR PARTS SHIPPED with ENGINE

652 Oliver Street Williamsport, PA 17701 U.S.A.

Model No: IO-360-A1A

Serial No: RL - 27665-51A

Enpl: RENPL-8591

Order No: RWH221392

TC No: 1E10

Date: 3/6/04

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR		PAM		
INJECTOR	73937-85	PAM	38209	2524054-11
LT ALTERNATOR	LW-14371	KELLY	E012776	
RT ALTERNATOR		KELLY		
MAGNETO LEFT	66GR15SANN	SLICK	03121557	
MAGNETO RIGHT	66GP-0SANN	SLICK	03121245	
MAGNETO DUAL				
LASER IGN CONT		SLICK		
STARTER	<i>Kelly Aero Spec</i> <i>RECALL</i> 31A22470 <i>7.6</i>	KELLY	E012205	
FUEL PUMP	LW-15473	LYCOMING		
IGN HARNESS L	67P20429	SLICK		
IGN HARNESS R	67P20428	SLICK		
LASER IGN HARNESS		SLICK		
SPARK PLUG	1187-E7	CHAMPION		
LT TURBOCHARGER				
RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER				
#2 INTERCOOLER				

CRANKCASE MATCH NO. 4785

CRANKSHAFT SERIAL NO. V537927908

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.
All accessories are new unless part number is succeeded by -85 or -70.

Cylinders: Plain Steel _____ C of A Issued _____
Nitrided Barrels (Blue) 60 Date _____

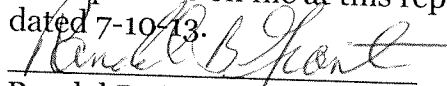
NOTE: Form to be used on all New, Overhauled, Rebuilt Engine Models.

Date: 3/6/04



7-10-13 N7184V TAC 1824.0 TSMO 293.5 Engine W/O 23529
100 hr. inspection per this date. Inspect for condition. Check engine
controls. Check fuel injection lines and clamps per SB 342F. Recheck
compression after first flight.

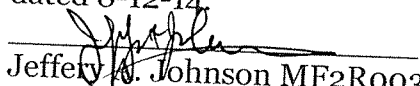
This aircraft has been inspected in accordance with a 100 hr. inspection
and was determined to be in an airworthy condition. Pertinent details of
the repair are on file at this repair station under work order # 23529
dated 7-10-13.



Randal B. Grant MF2R003L, Star Aero Inc. 11669 Airport Rd.
Higginsville, Mo.

8-12-14 N7184V TAC 1836.4 TSMO 305.90 Engine W/O 23553
100 hr. inspection per this date. Inspect for condition. Check engine
control travel and safety. Remove spark plugs for rotation and.
Compression check 1. 75/80 2. 75/80 3. 77/80 4. 75/80. Remove oil filter,
cut open and inspect. Install new Ch48110-1 filter, torque and safety.
Service with 8 qt. Exxon Elite 20W50. Resecure blast tube at adel clamp
to engine mount.

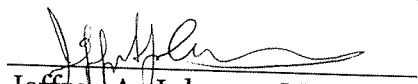
This aircraft has been inspected in accordance with a 100 hr. inspection
and was determined to be in an airworthy condition. Pertinent details of
the repair are on file at this repair station under work order # 23553
dated 8-12-14.




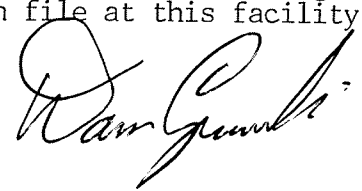
Jeffrey A. Johnson MF2R003L, Star Aero Inc. 11669 Airport Rd.

12-2-15 N7184V TAC 1885.7 TSMO 355.20 Engine W/O 23617
100 hr. inspection per this date. Inspect for condition. Check engine
control travel and safety. Remove spark plugs for rotation. Compression
check 1. 77/80 2. 75/80 3. 72/80 4. 74/80. Remove oil filter, cut open &
inspect. Install new Ch48110-1 filter, torque & safety. Service with 8 qt.
Exxon Elite 20W50.

I certify that the aircraft has been inspected in accordance with an
100 hr. inspection, current regulations of the FAA and was determined to
be in an airworthy condition. Pertinent details of the repair are on file at
this repair station under work order 23617 dated 12-2-2015



Jeffrey A. Johnson MF2R003L, Star Aero Inc. Higginsville, Mo.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-01-08	TACH 1618.8	ENGINE N7184V	<p style="text-align: right;">54 V</p> <p>W/O 23407</p> <p>100 HR. INSPECTION THIS DATE, DRAIN OIL. REMOVE FILTER AND INSPECT. NEW CH4810-1 OIL FILTER TORQUE & SAFETY SERVICE WITH 8 QUARTS EXXON 20W50. CHECK TIMING, COMPRESSION 1.79/80 2.74/80 3.79/80 4.79/80. INSPECTION FUEL LINES PER SB-342E. INSTALL ENGINE PRE-HEATER, ROTATE SPARK PLUGS, CLEAN REINSTALL & TORQUE.</p> <p>POWER PLANT SFR 488.3 HR. AIRCRAFT TT 3890.2 N7184V</p> <p>I CERTIFY THAT THE AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 23407</p> <p></p> <p>RANDAL B. GRANT STAR AERO, INC. 396 E. HWY 7 CLINTON, MO 64735 FAA CRS MF2R003L</p>
			<p style="text-align: center;">CENTRAL CYLINDER SERVICE INC. AIRCRAFT ENGINE REBUILDERS Certified Repair Station MY2R022L 6315 Lindbergh Drive • Riverfront Industrial Park • Omaha, NE 68110</p> <hr/> <p>Lycoming IO 360 A1A S/N RL27665-51A TT 7-20-12 Prop strike inspection and repair - Disassembled above engine, cleaned and inspected as necessary. Magnafluxed misc, steel parts and crankshaft. Zyglo inspected crankcase. Reassembled engine using new rod nuts and bolts, rod and main bearings, crank and cam gear bolts, intake hoses, new magnetos and necessary gaskets and seals. Replaced magnetos as per Slick SB. c/w AD2004-10-14C - inspected crank and gear as per SB475C, torqued bolt to 204 inch lbs and bent lock tab. Reinstalled cylinders. No other cylinder or accessory work done at this time. Engine test ran and found to be airworthy. All work accomplished in accordance with Lycoming Service Publications. Details of work are on file at this facility W.O. 15286.</p> <p style="text-align: center;"> for CRS MY2R022L</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE

12-21-2010 N7184V ^{1737.5} Tach 604.1 Engine W/O 23479 WORK
 100 hr. inspection. Drain oil remove oil filter and check. Install new oil filter, torque and safety. Service engine with 7 qt. EXXON 20W50. Check engine controls and mag Timing. Clean spark plugs and rotate. Check compression, 1. 75/80 2. 73/80 3. 75/80 4. 75/80. Replace missing exhaust clamp to L/H ship joint. Tighten oil filter neck and Re-safety. Remove starter for repair and reinstall see 8130.

The aircraft has been inspected in accordance with 100 hr. inspection and Was determined to be in an airworthy condition. Pertinent details of the repair are on file. At the repair station under work order # 23479.

Randal B. Grant

Randal B. Grant, MF2R0031 Star Aero, Inc. 396 E Hwy &, Clinton, Mo. 64735

2-1-12 ^{N7184V} ~~N7418V~~ TAC 1749.2 Engine W/O 23501 ^{TSR 17618.7}
 100 hr. inspection per this date. Remove spark plugs, check compression. #1.75 /80 #2. 72/ 80 #3. 73 /80 #4. 73 /80. Install spark plugs & torque. Remove oil filter cut open and checked. Replace oil filter, torque and safety. Check timing. Service with 8 qt. EXXON 20W50 oil. Check engine controls. Check Ing. leads. Check fuel injection lines and clamps per SB 342F. Tightened hose clamps.

This aircraft has been inspected in accordance with as a 100 hr. inspection and was determined to be in an airworthy condition. Pertinent details of the repair are on file at this repair station under work order # 23499 dated 2/8-30-11.

Randal B. Grant

Randal B. Grant MF2R003L, Star Aero Inc. 11669 Airport Rd. Higginsville, Mo.

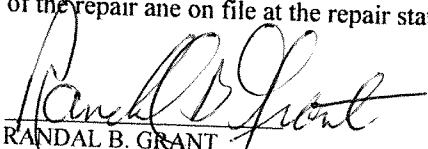

⁸⁴
 11-16-12 N7184V Tac 18327 Engine
 Remove engine for tear down inspection. Remove prop, see return to service by Central Cylinder, for work preformed. Reinstall engine per mooney service instructions. Connect all electrical connections and controls to engine. Engine service with Exxion Elete, 9 qt. Trouble shoot shower of sparks starter vibrator and replaced. Install 4 new spark plugs to left mag, torqued and check timing for 20* and recheck check shower of sparks. recowl. Operation check completed. Aircraft approved for return to service.

Randal B. Grant

Randal B. Grant, Star aero, Inc. MF2R003l, Higginsville, Mo. 64037

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4-16-2008		TACH 1596.6	ENGINE Remove oil temp probe and install new probe with washer, torque and safety. The aircraft, airframe, aircraft engine or appliance identified above was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service pertinent details of the repair are on file at the repair station under work order number 23398 dated 4-16-2008.
			 RANDAL B. GRANT STAR AERO, INC., FAA CRS MF2R003L, 396 E. HWY 7, CLINTON, MO. 64735
<p>Date: 12/8/09 Total: 545.1 Tach: 1675.6</p> <ol style="list-style-type: none"> 1. Performed 100hr inspection. 2. Compression check: 1. 73/80 2. 76/80 3. 73/80 4. 75/80 3. Drained oil inspected oil filter. 4. Installed new CH48110-1 filter. 5. Serviced with 8qts Exxon 20W50. 6. Cleaned, gapped, tested, and inspected spark plugs. Installed with new M-674 gaskets. 7. Replaced top #1 spark plug REM38E. 8. Checked and adjusted mag timing. 9. Inspected and reinstalled all fuel screens. 10. Performed Run up and leak check. <p>I certify this engine has been inspected in accordance with a 100hr inspection, and was determined to be in airworthy condition. Pertinent details of the inspection are on file at this Repair Station under work order :23449 Dated:10/29/09</p>  Star Aero Inc. MF2R003L, 396 E HWY 7 Clinton, Mo. 64735			

SUB-TOTAL this page

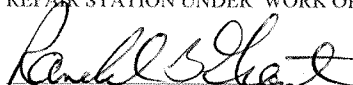
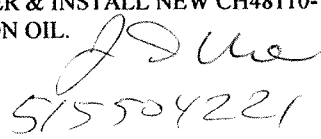
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
7-24-06		TACH 1399.9	ENGINE W/O 23325 100 HR INSPECTION THIS DATE. DRAIN OIL. REMOVE OIL FILTER & INSPECT. INSTALL NEW CH48110-1 OIL FILTER, TORQUE, & SAFETY. SERVICE WITH 8 QTS EXXON 20W50. COMPRESSION CHECK COMPLETED 1. 78/80, 2. 75/80, 3. 75/80, 4. 78/80. CLEAN, CHECK GAP, & ROTATE SPARK PLUGS. REINSTALL & TORQUE.
		A/C TT 3671.3	POWERPLANT TT 269.4 I CERTIFY THAT THE AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 23325 DATED 7-24-06.
			<i>Randal B Grant</i> RANDAL B. GRANT STAR AERO, INC. FAA CRS MF2R003L, 396 E. HWY 7 CLINTON, MO 64735
9-20-07		TAC 1528.2	TET 397.7
			100 hr INSPECTION THIS DATE PERFORM COMPRESSION CHECK 175 2 25 5 25 4 75 Remove Oil Filter. Check for metal REPLACE FILTER WITH CH48110. SERVICE OIL WITH 8QT EXXON 20W50 CHECK TIMING CHECK SPARK PLUG AND LEADS. ROTATE SPARK PLUG AND TORQUE I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED PER 100 INSPECTION, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE UNDER WO 23385
			<i>Randal B Grant</i> STAR AERO, INC. FAA CRS MF2R003L CLINTON MO 64735

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	6-23-05	TACH 1236	ENGINE <i>106</i> <i>SFR</i> W/O 23245 100 HR INSPECTION THIS DATE. DRAIN OIL. REMOVE & CHECK OIL FILTER. INSTALL NEW CH48110-1 OIL FILTER, TORQUE & SAFETY. SERVICE WITH 8 QTS EXXON 20W50 S/B/O COMPRESSION #1 79/80, #2 78/80, #3 79/80 & #4 79/80. REMOVE, CLEAN FUEL INJECTORS TORQUE LINES. LEAK CHECK PERFORMED REPLACE SCAT HOSE FROM AIR INLET TO HEAT MUFF W/ NEW. CLEAN, GAP, ROTATE SPARK PLUGS REINSTALL & TORQUE. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. <i>23245</i> DATED 6-23-05 <i>Randal B. Grant</i> RANDAL B. GRANT STAR AERO, INC., FAA CRS MF2R003L, 396 E. HWY 7, CLINTON, MO. 64735
	1-20-06	TACH 1327.8	ENGINE W/O 23291 OIL CHANGE THIS DATE. REMOVE COWLING. DRAIN OIL. REMOVE FILTER, CUT OPEN, INSPECT. NO METAL FOUND. INSTALL NEW CH48110-1 OIL FILTER. TORQUE & SAFETY. ADD 8QTS EXXON 20W50. REPLACE MANIFOLD PRESSURE LINE FROM FIRE WALL TO ENGINE. WASH ENGINE DOWN. COWL UP. OPERATIONAL CHECK MADE. OPERATION NORMAL. NO LEAKS FOUND. THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 23291 DATED 1-20-06 <i>Mark W. Bentch</i> MARK W. BENTCH STAR AERO, INC. FAA CRS MF2R003L, 396 E. HWY 7 CLINTON, MO. 64735
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			5-29-04 TACH 1137.6 ENGINE W/O 23183
			OIL CHANGE THIS DATE TO COMPLY WITH WARRANTY INSTRUCTIONS. DRAIN OIL. REMOVE & INSPECT OIL FILTER. INSTALL NEW CH48110-1 OIL FILTER SUPPLIED BY ENGINE MANUFACTURER. TORQUE & SAFETY REMOVE LOWER OIL SCREEN, INSPECT, CLEAN, REINSTALL & SAFETY. SERVICE WITH 8 QTS 50W AEROSHELL MINERAL OIL. NEXT OIL CHANGE IS DUE 1147.6
			THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 23183 DATED 5-29-04
			
			RANDAL B. GRANT
			STAR AERO, INC.
			FAA CRS MF2R003L,
			396 E. HWY 7
			CLINTON, MO. 64735
			TACH 1187.6
			DRAIN OIL. REMOVE OIL FILTER & INSTALL NEW CH48110-1 . SERVICE W/8 QTS 20W50 EXXON OIL. 

	SUB-TOTAL this page
	TOTAL —Carry forward to next page