ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL O-320-A2B

SERIAL NUMBER L-39014-27AC DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET NO. _____

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

AIRWORTHINESS DIRECTIVE COMPLIANCE LIST

LYCOMING O-320-A2B S/N L-39014-27AC

WORK ORDER 66671

DATE: 12/20/2019

AD NUMBER	EFFECTIVE	METHOD OF COMPLIANCE	RECURRING	DUE
2017-16-11	8/15/2017	N/A BY CONNECTING ROD BUSHING MANUFACTURER IAW LYCOMING MSB 632B	NO	
2012-03-07	3/27/2012	N/A BY CARBURETOR MODEL IAW MARVEL ESB SB-18A	NO	
2009-26-12	2/4/2010	N/A BY CYLINDER MANUFACTURER IAW THIS AD	NO	
2006-12-07	6/11/2006	N/A BY CYLINDER MANUFACTURER IAW THIS AD	NO	
2004-10-14	6/25/2004	COMPLIANCE BY CRANK GEAR/BOLT P/N'S IAW LYCOMING MSB 475C	YES	O/H, PROP STRIKE, CRANK GEAR REMOVAL
98-17-11	10/19/1998	COMPLIANCE BY ENGINE TEARDOWN INSPECTION IAW THIS AD	NO	
98-02-08	3/30/1998	COMPLIANCE BY PAINTED INSIDE DIAMETER IAW LYCOMING MSB 530B	NO	
97-15-11	8/12/1997	N/A BY PISTON PIN P/N IAW LYCOMING MSB 527C	NO	

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

AD NUMBER	EFFECTIVE	METHOD OF COMPLIANCE	RECURRING	DUE
96-09-10	7/15/1996	COMPLIANCE BY OIL PUMP IMPELLER P/N'S IAW LYCOMING MSB 524	NO	
95-26-02	1/24/1996	COMPLIANCE BY ENGINE TEARDOWN INSPECTION IAW LYCOMING SB 398	NO	
93-11-11	6/21/1993	N/A BY ENGINE CONFIGURATION IAW AERO ACCESSORIES MSB 001	NO	
92-12-05	7/10/1992	N/A BY PISTON PIN P/N IAW LYCOMING SB 501B	NO	
90-04-06 R1	5/28/1991	N/A BY ENGINE CONFIGURATION IAW THIS AD	NO	
87-10-06 R1	9/1/1989	N/A BY ROCKER ARM P/N'S IAW LYCOMING SB 477A	NO	
75-08-09	7/9/1975	COMPLIANCE BY OIL PUMP DRIVE P/N IAW LYCOMING SB 385C	NO	
73-23-01	1/13/1977	N/A BY PISTON PIN P/N IAW LYCOMING SB 367F	NO	
66-20-04	8/27/1966	N/A BY ENGINE S/N IAW LYCOMING SB 307	NO	
64-16-05	7/10/1964	N/A BY ENGINE CONFIGURATION IAW LYCOMING SB 298	NO	

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

AD NUMBER	EFFECTIVE	METHOD OF COMPLIANCE	RECURRING	DUE
63-23-02	12/9/1963	N/A BY ENGINE S/N IAW LYCOMING SB 293B	NO	
59-10-07	NOT AVAILABLE	COMPLIANCE BY BAFFLE RETAINER AND HOOK INSTALLATION IAW THIS AD	NO	
55-02-02	NOT AVAILABLE	N/A BY ENGINE S/N IAW THIS AD	NO	
98-01-06	2/13/1998	COMPLIANCE BY MANUFACTURER OVERHAUL, SEE 8130	NO	
93-19-04	10/18/1993	COMPLIANCE BY MANUFACTURER OVERHAUL, SEE 8130	NO	
89-04-02	3/8/1989	N/A BY CARBURETOR P/N IAW THIS AD	NO	
72-06-05 R2	7/3/1986	N/A BY THROTTLE SHAFT	NO	
69-24-03	11/29/1969	N/A BY CARBURETOR S/N IAW THIS AD	NO	
63-22-03	12/2/1963	N/A BY CARBURETOR MODEL IAW MARVEL SB A4-63	NO	
2005-12-06	7/19/2005	COMPLIANCE BY MANUFACTURER OVERHAUL, SEE 8130	NO	

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.

AD NUMBER	EFFECTIVE	METHOD OF COMPLIANCE	RECURRING	DUE
94-06-09	5/20/1994	N/A BY MAGNETO P/N IAW THIS AD	NO	
94-01-03 R2	6/28/1995	N/A BY MAGNETO MANUFACTURER IAW TCM MSB 644	NO	
82-20-01	6/14/1983	COMPLIANCE BY MANUFACTURER OVERHAUL, SEE 8130	NO	
74-26-09	12/24/1974	N/A BY MAGNETO P/N IAW BENDIX SB 556A	NO	

LY-CON REBUILDING CO 8231 W DOE AVE VISALIA, CA 93291

(559)651-1070 REPAIR STATION CT3R435L

[redacted]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

TT ENGINE: **SMOH: 294.22 HRS**

LYCOMING O-320-A2B S/N L-39014-27AC **WORK ORDER 66671**

DATE: 12/20/2019

O-320-A2B FROM NARROW DECK CONVERT TO WIDE DECK AND OVERHAULED IN ACCORDANCE WITH LYCOMING OVERHAUL MANUAL 60294-7 WITH THE FOLLOWING NEW PARTS INSTALLED: 1EA 10-821471-2 IGNITION HARNESS, 8EA REM37BY SPARK PLUG, 1EA 649954 GASKET, 1EA CH48110-1 OIL FILTER, 4EA SL13923A BUSHING, 1EA 69371-1 GASKET SET, 5EA 1102 PLUG, 1EA 1028-B BALL, 1EA SL77808 OIL PX RELIEF VALVE, 1EA STD-2231 RET RING, 3EA LW-31H0.88 BOLT, 1EA STD-2168 NUT, 1EA SL53E19600 VERNATHERM, 8EA SL78027 ROD BOLT, 8EA LW-12186 ROD NUT, 8EA SL78290 HYD PLUNGER, 2EA 18A26093 BEARING, 8EA 18M26104 BEARING, 4EA STD-1901 DRIVE STUD, 1EA STD-2246 BOLT, 1EA STD-1211 PLUG, 2EA STD-68 COTTER PIN, 4EA STD-1196 HOSE, 8EA LW-15592-8-28 CLAMP, 4EA STD-2180 HOSE, 8EA LW-15592-5-05 CLAMP, 1EA SL76121 SHAFT, 2EA SL13796 IDLER SHAFT, 4EA 61247 ROCKER COVER, 8EA SL68987 SHROUD TUBE, 1EA 68867 SUPPORT ASSY, 1EA SL68759 TUBE, 1EA SL68760 TUBE, 2EA SL68761 TUBE, 1EA P5000 QUICK DRAIN, 2EA LW-16728 PIPE, 1EA LW-16729 PIPE, 1EA LW-16730 PIPE, 5EA STD-2249 NUT, 4EA 18D26096 BEARING, 8EA 15B26588 TAPPET, 4EA STD-1727 WASHER, 4EA SL19001A VALVE, 8EA SL11800 SPRING, 8EA SL11795 SPRING, 4EA SL3601-SC-P10 RING SET, 8EA MS13997-3 KEY, 4EA MS13998-3 CAP, 8EA 60009 KEY, 8EA SL12892 THRUST BUTTON, 4EA MS20823-6D ELBOW, 4EA 74637 BUSHING, 4EA SL60398 BUSHING, 4EA SL13444-1 PISTON PIN, 4EA LW-13790 SHAFT, 2EA SL15F19957-12 PUSHROD, 2EA AN3-4A BOLT, 2EA AN3-3A BOLT, 1EA 46-F10 VENTURI, 1EA 47-862 NOZZLE.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		WITH THE FOLLOWING OVERHAULED PARTS INSTALLED: 1EA LW-13823 CRANKCASE ID# 3041 O/H(**MODIFIED IAW LY-CON CRANKCASE O-RING STC SE01954SE**), 1EA 75006 CRANKSHAFT S/N I45088 INSP, 4EA 78030 CONNECTING ROD(**USING SUPERIOR BUSHINGS P/N SL-13923A - THIS ENGINE IS IN COMPLIANCE WITH AD2017-16-11 AND MSB632B**), 1EA AEL18840 CAMSHAFT REGROUND, 4EA LW-12416 P10 CYLINDERS O/H, 1EA 10-3678-32 CARBURETOR S/N MS0BG601 O/H, 1EA 10-51360-29 MAGNETO S/N D18EA127R O/H, 1EA 10-51360-37 MAGNETO S/N D18KA306R OVERHAULED, 1EA 122-12XLT STARTER S/N H-S092294 CONT TIME. **CYLINDERS FLOW TESTED. TEST RAN 7.1 HOURS. WORK ORDER 66671.**
		THE AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN INSPECTED/REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER
		LY-CON REBUILDING CO 8231 W DOE AVE VISALIA, CA 93291 [redacted]
		(559)651-1070 **REPAIR STATION CT3R435L**