

DATE

TACH OR
RECORDING
METER TIME

DESCRIPTION OF WORK PERFORMED

SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



EAGLE ENGINES

FAA Repair Station NO3R717L

Repair Order: 10874-07-2009

Engine Make: Lycoming

Serial No.: L-5380-61A

Date: 09/18/2009

Engine Model: TIO-540-S1AD

Total Time: SMOH: 0

1. Engine major overhauled- "Marquis Series".
2. Engine has been disassembled, cleaned, inspected and reassembled in accordance with all applicable FAA regulations and manufacturer's current overhaul instructions.
1. Magneto(s) by Aircraft Electrical Components, Inc., Ignition Harness by Unison, Sparkplugs by Champion, Starter by Kelly Aerospace Energy Systems, Fuel Injection System by Western Skyways and Turbocharger by Main Turbo Systems, Inc.
2. The following Airworthiness Directives have been complied with: 91-08-07, 2002-12-07, 2003-14-03, 2004-10-14, 2008-14-07 and 2009-02-03.
3. See front of log for A.D. listing details.
4. See rear of log for maintenance releases.
5. Total timer to be entered by installing agency.
6. Engine test run satisfactory.
7. Engine not installed by Eagle Engines.
8. Nothing follows.



EAGLE ENGINES
REPAIR STATION No. NO3R717L
20208 CHARLANNE DRIVE
REDDING, CA 96002

WORK ACCOMPLISHED: "MAJOR ENGINE OVERHAUL- "MARQUIS SERIES"

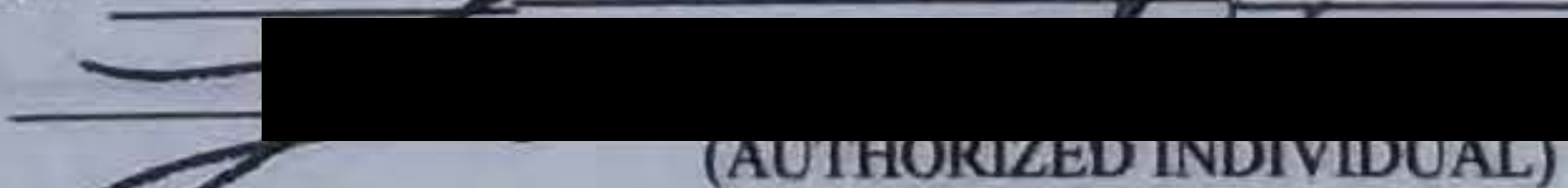
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED
AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION
REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

WORK ORDER # 10874-07-2009

INVOICE #

10874-07-2009DATED: 09/18/09

SIGNED


(AUTHORIZED INDIVIDUAL)

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/2/13	3544.57	Changed oil & filter, serviced w/ 12 qts Phillips 20w/50, A&P [REDACTED]
12/6/13	3600.6	Changed oil & filter, serviced w/ 12 qts Phillips 20w/50, C/W AD 91-21-01 R1 by inspection of exhaust system, C/W AD 11-26-04 by inspection of fuel injection lines & clamps. A&P [REDACTED]

Date: 3/1/14

San Jose Fuel Co.

Model: TIO-540-S1AD

Tach: 3628.69

2655 Robert Fowler Way.

S/N: L-5380-61A

TTE: UNK

San Jose CA 95148

SMOH: 483.07

Performed differential compression test: #1) 72/80, #2) 66/80, #3) 66/80, #4) 72/80, #5) 68/80, #6) 73/80.
 Changed oil and filter, serviced with 10qts Aeroshell 100W. Cut filter open, contaminants found to be satisfactory.
 Replaced spark plugs. Removed magneto, installed new points, set e-gap, new carbon brushes, re-installed and timed to engine. C/W AD 05-12-06 IAW TCM MSB No. MSB645, dated April 4, 1994 paragraphs 1.2 through 1.4.5 next due 4128.69. X-gap measurement was .039" on lobe with "S", .038 on other lobe. Service oil finger screen. Cleaned fuel injectors and Replaced air bleed o-rings. Replaced intake air filter element. Removed exhaust shroud, inspected waste gate control, Replaced turbocharger insulator blankets. C/W AD 91-21-01 R1 by inspection of exhaust system crossover tube & flanges, due 3728.69. C/W AD 11-26-04 by inspection of fuel injection lines and clamps, due 3728.69. I certify this engine was inspected IAW with an Annual inspection and was determined to be airworthy.

A&P [REDACTED]

Date: 4/18/15

San Jose Fuel Co.

Model: TIO-540-S1AD

Tach: 3729.50

2655 Robert Fowler Way.

S/N: L-5380-61A

TTE: UNK

San Jose CA 95148

SMOH: 583.88

Performed differential compression test: #1) 72/80, #2) 54/80, #3) 66/80, #4) 70/80, #5) 68/80, #6) 70/80. Removed #2 cylinder, honed barrel, installed new exhaust guide and valve and re-installed with new piston rings and gaskets. Changed oil and filter, serviced with 10qts Aeroshell 100W. Cut filter open, contaminants found to be satisfactory. Cleaned, gapped and rotated sparkplugs. Adjusted magneto timing. Service oil finger screen. Cleaned fuel injectors and installed new o-rings. Installed new intake air filter. Installed new intercooler intake seal and drain valve and rubber line. Removed exhaust shroud, inspected waste gate control, installed all new turbo insulator blankets. Installed new waste gate and turbo outlet clamps.
 C/W AD 80-17-10 by lubing waste gate butterfly with mouse milk and checking for free throttle control movement. Next due at every preflight.
 C/W AD 91-21-01 R1 by inspection of exhaust system, due 3728.69.
 C/W AD 08-14-07 by inspection of fuel injection lines and clamps, due 3728.69.
 I certify this engine was inspected IAW with an Annual inspection and was determined to be airworthy.

A&P [REDACTED]

8/28/15	3800.31	Performed differential compression check: 1) 70/8 2) 62/8 3) 64/80 4) 67/80 5) 64/80 6) 63/80. Changed oil & filter, serviced w/ 12 qts Phillips 20w/50, cleaned, gapped & rotated spark plugs. A&P [REDACTED]
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