

488AS

ENGINE LOG
EF5-1

R44 II
S/N: 12538

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

IO-540-AE1A5

MODEL _____

L-33193-48E

SERIAL NO. _____

DATE _____

JUN 05 2008

(AUTHORIZED REPRESENTATIVE)

LYCOMING

A Textron Company

LYCOMING ENGINES

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

MANUFACTURER LL

SERIAL NUMBER L

RATED BHP _____

FUEL REQUIRED OCTANE/P _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL IO-540-AE1A5

SERIAL NUMBER L-33193-48E DATE OF MANUFACTURE 05 JUN 2008

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE 100LL

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Date: 1/28/2016

ACTT: 2089.6

Hobbs: 1618.4



HELISERVICES NORTHWEST LLC

R44II
N469WM
12538

CW 100hr/ Annual Inspection IAW Lycoming Ops Manual.
Drained engine oil and replace filter with new Champion oil filter
CH48108
Added 8quarts of Phillips 20W-50.

AD2011-26-04 Fuel Line inspection Next Due @ ACTT 2189.6

*I certify that this Aircraft was inspection IAW a 100hr/Annual
Inspection and was determined to be in an airworthy condition.*

Jere K. Bragado AP [REDACTED] IA

Checked SB's, SI's and C/W the following :

CW SI 1080C Special Inspection Items Next Due @ ACTT 2139.6
C/W SB 480E Oil & Filter Clean/Inspect Next Due @ ACTT 2139.6
C/W SI 1129B DC Alternator Belt tension Next Due @ ACTT 2189.6
C/W SI 1191A Cylinder Compression Next Due @ ACTT 2189.6
C/W TCM SB 643B Magneto Inspection Next Due @ ACTT 2189.6
C/W SB 342F Fuel Line & Clamp Installation Next Due @ ACTT 2189.6

Compressions as follows: 1)80/80 2)79/80 3)79/80 4)79/80 5)79/80
6)80/80

Performed 300 hr Exhaust valve check: 1).010 2).017 3).002 4).020
5).002 6).015

Removed Left and Right Magnetos. Sent to Aero Accessories for
Overhaul. All information on work order# 41414 and 8130-3 on file.
Installed IAW Lycoming instructions and timed to 20 degrees BTC.
Replaced all spark plugs with new REM 38E.

Removed, cleaned and inspect all fuel injectors and reinstalled.
Operationally ran engine and check for leaks-OK.

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

REG. NO: 488AS
WORK ORDER:
0191-02-2017
A/C TT: 2117.74
HOBBS: 1646.54



Air Shasta Rotor & Wing, Inc.
Repair Station No. QVHR801U
3770 Flight Ave
Redding, CA 96002
Phone: 530-222-0100

DATE: 6/1/2017
TTSN (#1): 2117.74

Engine #1 Entries

(2) Performed 100Hr./ Annual inspection per Lycoming IO-540 operators manual Ch.4 and S.I. 1080C, S.B. 480E Cyl. compression #1 72/80, #2 76/80, #3 78/80, #4 78/80, #5 78/80, #6 78/80. Mag timing L/H, R/H 20° BTDC, Serviced engine with 8qts. of Philipps 20W-50... (3) Installed serviceable exhaust system IAW RHC R44 M.M. Ch. 6.520... (5) Installed new valve cover gasket on #1 cyl.... (10) Replaced A/C belt with new part B173-4... (11) Re-torque bolts on accessory case of engine

I certify this engine has been inspected I.A.W. an annual inspection and found to be in airworthy condition on this date. Approved for return to service.

DATE: 6/1/2017

SIGNED:

J. Lawrence
Certified Repair Station No. QVHR801U

Work Order: 0191-02-2017

Printed by EBis 3 (datcomedia.com)

DATE

TOTAL
TIME

REG. NO: 488AS
WORK ORDER:
0226-06-2017
A/C TT: 2118.44
HOBBS: 1647.24

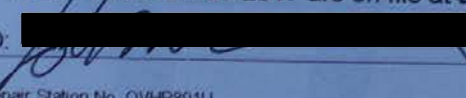
Engine #1 Entries

(1) Installed new

Maintenance Re
In reference to t
was repaired an
approved for ret
and instructions

DATE: 6/5/2017

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
DATE: 6/1/2017 SN (#1): 2117.74	REG. NO: 488AS WORK ORDER: 0226-06-2017 A/C TT: 2118.44 HOBBS: 1647.24	 Air Shasta Rotor & Wing, Inc. Repair Station No. QVHR801U 3770 Flight Ave Redding, CA 96002 Phone: 530-222-0100
	Engine #1 Entries (1) Installed new tach points IAW TCM service support manual Ch. 9-17	DATE: 6/5/2017 TTSN (#1): 2118.44
	Maintenance Release In reference to the work performed, this aircraft, airframe, aircraft engine, propeller and / or appliance was repaired and inspected I.A.W current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed I.A.W current applicable maintenance manuals and instructions. Details for Work Order No. 0226-06-2017 are on file at this repair station.	
	DATE: 6/5/2017 SIGNED:  J. Lawrence Certified Repair Station No. QVHR801U	Work Order: 0226-06-2017 Printed by EBis 3 (datcomedia.com)

DATE: 6/1/2017
SN (#1): 2117.74

d S.I. 1080C,
Mag timing
able exhaust
(10)
ine

worthy

0191-02-2017
datcomedia.com)