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TOTAL—Carry forward to next page

LOGBOOK ENTRY

540 AE1A5 S/N L-29447-48A

Hobbs: 480.1 TET: 480.1

Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] W/O #13-8-4

LOGBOOK ENTRY

540 AE1A5 S/N L-29447-48A

Hobbs: 500.5 hrs.

Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] W/O #13-8-4

LOGBOOK ENTRY

540 AE1A5 S/N L-29447-48A

Hobbs: 509.7 hrs.

Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] Order #14-4-7

LOGBOOK ENTRY

540 AE1A5 S/N L-29447-48A

Hobbs: 528.4 TET: 528.4

Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] Order #14-8-9

540 AE1A5 S/N L-29447-48A

Hobbs: 544.6 TET: 544.6

Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] Order #15-8-4

DATI

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: May 28, 2015 Hobbs: 550.5 TET: 550.5

Complied with Lycoming SB-480D oil change requirements. Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED] W/O #15-6-3

FAA - PMA

This tag certifies that Sky-Tec Model No. 149-24HT
Serial No. H4C-101506 was manufactured new on 10 Mar 2015
by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
Supplement No. 1 in accordance with Sky-Tec's
FAA-Approved Quality System (14CFR Part 21, Subpart K).
This article has been determined to be airworthy.
For installation eligibility see: www.skytecar.com/eligibility.htm
Installed on N 616HS by [REDACTED]
(Aircraft) (Mechanic)

Form 001108-1

Reg#: N616HS

Make: Robinson

Model: R44

S/N: 10449

WFC-Maintenance, LLC

Williamsburg, VA 23185

Date: 6-18-2015

Hobbs: 0553.6

Tach:

Removed inop starter and installed rebuilt Sky-Tec starter model 149-24HT-H
s/n H4C-101506

Shawn Cole [REDACTED]

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: June 19, 2015 Hobbs: 553.6 TET: 553.6

Inspected Starter installation performed by WFC-Maintenance, LLC. Found installation to be in order. Operational check ok. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P [REDACTED]

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: August 15, 2015 Hobbs: 561.6 TET: 561.6

Complied with Lycoming SB-480D oil change requirements. Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Compression as follows, #1 75/80, #2 74/80, #3 77/80, #4 75/80, #5 75/80, #6 77/80. C/W AD 2011-26-04 by inspection of fuel lines and clamps in accordance with paragraph (i), no defects noted at this time, ok to continue, next due 8-2016 or 661.6 hobbs. Serviced all spark plugs. Magneto timing checked. Visual inspection of engine OK. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures. I certify that I have inspected this engine in accordance with an Annual Inspection and found it to be in an Airworthy Condition.

David C. Cramer
A&P/IA [REDACTED] W/O #15-8-4

DAT

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: December 31, 2015 Hobbs: 580.9 TET: 580.9

DRK

Complied with Lycoming SB-480D oil change requirements. Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Checked engine driven fuel pump in accordance with Lycoming SB 621B and found it to be not applicable due to the pump part number. Replaced sealing tape on all odd side exhaust beaded couplings. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures.

David C. Cramer

A&P [REDACTED] W/O #15-12-5 [REDACTED]

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: April 18, 2016 Hobbs: 584.7 TET: 584.7

Complied with Lycoming SB-480D oil change requirements. Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new AA48108-2 filter. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures.

David C. Cramer

A&P [REDACTED] W/O #16-6-9 [REDACTED]

JUL 19 17

T.T. 614.4

T.S.O. NA

THIS ENGINE WAS REMOVED FROM ROTORCRAFT S/N: 10449
FOR OVERHAUL. DETAILS ARE ON FILE AT
ROBINSON HELICOPTER CO. 2901 AIRPORT DRIVE, TORRANCE, CA 90505
UNDER REPAIR ORDER NUMBER: 136342
FAA CERTIFIED REPAIR STATION: YV3R012M

AUTHORIZED SIGNATURE: [REDACTED]

24 AUG 2017

This engine was installed in Robinson R44II S/N 10449 after overhaul. The compression was: No. 1 70/100 No. 2 70/100 No. 3 70/100 No. 4 70/100 No. 5 70/100 No. 6 70/100. The engine was inspected and flight checked I.A.W. the requirements for an annual inspection. AD's through Bi-weekly issue 2017-17 have been complied with. Details are on file at Robinson Helicopter Co. 2901 Airport Drive, Torrance, CA 90505 Under Repair Order No. 136342. FAA CRS Repair Station YV3R012M.

Authorized Signature: [REDACTED] MARTIN P SCHNEIDER

TOTAL TIME: 618.78 TSOH: 4.38

9/5/2017

T.T. 639.57

T.S.O. 25.17

Drained engine oil & serviced with 7 qts 15W-50. Removed oil filter. Cut open old filter, no metal found. Installed [REDACTED] oil filter. Ground run, no leaks. [REDACTED] AIP [REDACTED]

SUB-TOTALS

TOTALS-Carry forward to next page

ROBINSON
HELICOPTER COMPANY
2901 Airport Drive, Torrance, California 90501

ENGINE WORK REPORT

Date: 03 APR 2017

Engine Model: Lycoming
Serial Number: L-29447-48A
Crankshaft S/N V537933599
Repair Order: 136342.17
Total Time: 614.4

This engine has been overhauled in accordance with the Robinson Helicopter Company Overhaul Manual. Run-in and tested as per Regulations. All applicable FAA Airworthiness Regulations. All accessories installed on the time of overhaul. All accessories installed on the on file at Robinson Helicopter Company 2901 Airport Drive, Torrance, CA 90505.

FAA CRS YV3R012M "Certifies that the work is in accordance with EASA Part 145 and or FAA 145.33 considered ready for release to service".

Authorized Signature: [REDACTED]

Chris E. Sennett

ENGINE ACCESSORIES INSTALLED

OIL COOLER

STEWART WARNER
P/N: C649-2 (1085)

OIL COOLER (AUX)

STEWART WARNER
P/N: C649-3 (1094)

RIGHT MAGNETO

CONTINENTAL MOTOR
P/N: BL-600646-20

LEFT MAGNETO

CONTINENTAL MOTOR
P/N: BL-600616-9

ALTERNATOR

HARTZELL ENGINE
P/N: ALU-8521RS (2)

STARTER

B&C SPECIALTY PRODUCTS
P/N: BC315-100-4 (2)

FUEL SERVO

PRECISION AIRMOTORS
P/N: 2576630-4

NTRY

S/N L-29447-48A

DRK

580.9 TET: 580.9

oil, replaced with 9 qts. Aeroshell
ing found. Installed new AA48108-2 filter.
SB 6218 and found it to be not applicable
side exhaust beaded couplings. Run up
manufacturers recommended procedures.

5-12-5

/N L-29447-48A

TET: 584.7

oil, replaced with 9 qts. Aeroshell
und. Installed new AA48108-2 filter.
manufacturers recommended

MOVED FROM ROTORCRAFT S/N: 10449
DETAILS ARE ON FILE AT
R CO, 2901 AIRPORT DRIVE, TORRANCE, CA 90505
NUMBER: 136342
STATION: YV3R012M

ed in Robinson R44II S/N 10449
pression was: No. 1 7/16 No. 2 7/16
No. 5 7/16 No. 6 7/16
ected and flight checked I.A.W. the
nual inspection. AD's through Bi-weekly
been complied with. Details are on file at
2901 Airport Drive, Torrance, CA 90505
136342
YV3R012M.

MARTIN P. SCHNEIDER

18.78 TSCH: 4.38

serviced with 7qts 15W-50.

open old filter, no metal

filter. Ground run, no

AIP 3472043

ROBINSON HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

ENGINE WORK REPORT

Date: 03 APR 2017

Engine Model: Lycoming

Serial Number: L-29447-48A

Crankshaft S/N V537933599

Repair Order: 136342.17

Total Time: 614.4

This engine has been overhauled in accordance with Lycoming manual 60294-7 Direct Drive Engine Overhaul Manual. Run-in and tested as prescribed by Lycoming specifications and Federal Aviation Regulations. All applicable FAA Airworthiness Directives and Service Bulletins have been complied with at time of overhaul. All accessories installed on this engine are either new, rebuilt, or overhauled. Details are on file at Robinson Helicopter Company 2901 Airport Drive, Torrance, California 90505 USA.

FAA CRS YV3R012M "Certifies that the work specified, except as otherwise specified, was carried out in accordance with EASA Part 145 and or FAA 14 CFR Part 43 and in respect to that work, the engine is (are) considered ready for release to service".

Authorized Signature

Chris E. Sennett

ENGINE ACCESSORIES INSTALLED

OIL COOLER	STEWART WARNER P/N: C649-2 (10886A)	S/N: 2021
OIL COOLER (AUX)	STEWART WARNER P/N: C649-3 (10942A)	S/N: 1779
RIGHT MAGNETO	CONTINENTAL MOTORS, INC. P/N: BL-600646-201	S/N: E16GA424R
LEFT MAGNETO	CONTINENTAL MOTORS, INC. P/N: BL-600616-9	S/N: E16DA206R
ALTERNATOR	HARTZELL ENGINE TECHNOLOGIES P/N: ALU-8521RS (28V / 70A)	S/N: H-R011644
STARTER	B&C SPECIALTY PRODUCTS P/N: BC315-100-4 (28V)	S/N: 1116241111
FUEL SERVO	PRECISION AIRMOTIVE LLC P/N: 2576630-4	S/N: 70CB9705

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

R44 II**ENGINE ACCESSORIES INSTALLED**

OIL COOLER	S/N	<u>2021</u>
OIL COOLER (SMALL)	S/N	<u>1779</u>
RIGHT MAGNETO	S/N	<u>E16GA424R</u>
LEFT MAGNETO	S/N	<u>E16DA206R</u>
ALTERNATOR	S/N	<u>H-R011644</u>
STARTER	S/N	<u>1116241111</u>
FUEL CONTROL	S/N	<u>70CB9705</u>

ENGINE LOGBOOK ENTRY

N 616HS Lycoming IO 540 AE1A5 S/N L-29447-48A

Date: January 26, 2018 Hobbs: 34.81 TET: 649.21 TSMOH: 34.81

Complied with Lycoming SB-480D oil change requirements. Drained oil, replaced with 9 qts. Aeroshell 15W50. Oil filter removed, opened and inspected media, nothing found. Installed new CH48108-1 filter. Run up and leak check OK. All work performed in accordance with manufacturers recommended procedures.

David C. Cramer

W/O #18-1-5

SUB-TOTALS this page

TOTALS-Carry forward to next page