

N30242

AIRCRAFT LOG
AF5-1

R44 II
S/N: 11784

Additional Information

Paint Specifications:

Base IMRON No.	<u>65455</u>
Trim IMRON No.	<u>65458</u>
Ignition Key	<u>PK 796</u>
R Door Key	<u>PK 796</u>
L Door Key	<u>PK 796</u>

Q.A APPROVAL [REDACTED] DATE 22 MAY 2007

AIRCRAFT DESCRIPTION

ORDERER ROBINSON HELICOPTER COMPANY MODEL R 44 II DATE OF MFG. 22 MAY 2007
SERIAL 11784 REGISTRATION NUMBER N 30242

OWNER _____
ADDRESS _____
CITY, STATE, ZIP _____
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CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ELT	POINTER, INC	3000-10	346233
GPS/COM NAV TRANSC	GARMIN	GNS430	97138858
INDICATOR	GARMIN	GI-106A	L06-10954
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
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PROPELLER			
ENGINE			
ENGINE			
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PROPELLER			

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

ART MBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
-5	4221	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
-5	3912	MAY 7 07 0	New	2200 HR or 12 YEARS	CONV 13 765	INSTLD.RHC PC#424WE
-5	3894	MAY 7 07 0	New	2200 HR or 12 YEARS	CONV 13 765	INSTLD.RHC PC#424WE
4	3806	MAY 7 07 0	New	2200 TBO	10-7-2013 742.7	INSTLD.RHC PC#424WE
-1	3946	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
-1	3759	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
15	3952	MAY 7 07 0	New	4400 Life		INSTLD.RHC PC#424WE
2	5051	MAY 7 07 0	New	2200 HR or 12 YEARS		INSTLD.RHC PC#424WE
2	5050	MAY 7 07 0	New	2200 HR or 12 YEARS		INSTLD.RHC PC#424WE
2	3448	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
1	4178	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
1	3935	MAY 7 07 0	New	4400 Life		INSTLD.RHC PC#424WE
2	3991	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
5	4177	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
1	3956	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
1	8193	MAY 7 07 0	New	2200 Life	CONV 13 765	INSTLD.RHC PC#424WE
1	8190	MAY 7 07 0	New	2200 Life	CONV 13 765	INSTLD.RHC PC#424WE
1	4707	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE

LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL.	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
Bearing Assy	C181-3	4246	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Sprag Clutch	C188-3	5552	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
TR Driveshaft	D196-1	2115	MAY 7 07 0	New	4400 Life		INSTLD.RHC PC#424WE
Lower Swashplate	C198-2	4104	MAY 7 07 0	New	4400 Life		INSTLD.RHC PC#424WE
MR Driveshaft	C251-2	R4818	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
MRGB Sump	C263-2	1706	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
MRGB Housing	C264-1	4221	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
TR Gearset	C545-1	4391	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
TR Guard	D079-1	4265	MAY 7 07 0	New	2200 Life		INSTLD.RHC PC#424WE
Hyd. Resv. Assy	D211-2	2956	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	8829	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	8828	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Servo Assy	D212-1	8825	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
Hyd. Pump Assy	D500-1	3064	MAY 7 07 0	New	2200 TBO		INSTLD.RHC PC#424WE
m/r Blade	C010-7	3816	6 NOV 13 765.0	New	12 years 2200 life		Instld.
m/r Blade	C010-7	3828	6 NOV 13 765.0	New	12 years 2200 life		Instld.
Spindle	015831	16993	6 NOV 13 765.0	New	2200 life		Instld.
Spindle	015831	16950	6 NOV 13 765.0	New	2200 life		Instld.

THINNESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

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.
					All Service Bulletins complied with Through SB # <u>61</u> as applicable.
					All ADs complied with through biweekly Issue # <u>2007-10</u> during production.
					Authorized Signature _____ RHC PC 424WE MAY 22 07
WIRE HARNESS	03-20-08 178.3	INSTALLED	ONE-TIME	N/A	Air Products He. [REDACTED]
SUPPORT	03-20-08 198.3	INSTALLATION	N/A BY HOUR	N/A	Air Products He. [REDACTED]
EMERGENCY PROC. SPRING	03-20-08 198.3	REPLACED PIN	ONE-TIME	N/A	Air Products He. [REDACTED]
IR GND FOR WIRE	03-20-08 198.3	INSTALLED, INSULATION	ONE-TIME	N/A	Air Products He. [REDACTED]
202-2 202621	06-04-08 263.4	INSTALLED	ONE-TIME	N/A	Air Products He. [REDACTED]
WASH ROOM BLADES	06-04-08 263.4	INSPECTED	EVERY 100 OR ANNUAL	363.0	Air Products He. [REDACTED]
WASH ROOM BLADES	10-17-08 364.1	INSPECTED	EVERY 100 OR ANNUAL	463.	Air Products He. [REDACTED]
WASH ROOM BLADES	07-04-09 424.6	INSPECTED	EVERY 100 OR ANNUAL	524.	Air Products He. [REDACTED]
FUEL LINES BREAKER	01-27-09 424.6	REPLACED	ONE-TIME	N/A	Air Products He. [REDACTED]
WATER FUEL LINES	02-10-09 543.6	REPLACED	ONE-TIME	N/A	Air Products He. [REDACTED]
ASSOCIATED ISSY	07-10-09 543.6	REPLACED	ONE-TIME	N/A	Air Products He. [REDACTED]

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.
SB 70	CARBON MOTOR OIL	07-10-09 573.6	N/A BY S/N	N/A	N/A	AIR PROXIMA Hel [REDACTED]
SB 71	THROTTLE LINK	07-10-09 573.6	REPLACED	ONE-TIME	N/A	AIR PROXIMA Hel [REDACTED]
SB 72	COIL & BLADES	08-01-10 625.1	INSPECTED	RECUR	EVERY 100 OR ANNUAL	[REDACTED]
SB 73	BATTERY PLATE	08-01-10 625.1	N/A BY S/N	N/A	N/A	[REDACTED]
SB 74	M. 80 TOIL GEN. BODY	08-01-10 625.1	REPLACED/INSPECTED	ONE-TIME	N/A	[REDACTED]
SB 75	DOOR LATCH HINGE PINS	08-01-10 625.1	N/A BY S/N	N/A	N/A	[REDACTED]
SB 76	AIR COND. JF GALLES	08-01-10 625.1	REPLACED	ONE-TIME	MA	[REDACTED]
SB 77	CONTROL ACTUATOR	08-01-10 625.1	INSPECTED	ONE-TIME	MA	[REDACTED]
2007-24-12	MAIN MOTOR BLADES	08-01-10 625.1	INSPECTED	RECUR	EVERY 100 OR ANNUAL	[REDACTED]
2007-24-12	MAIN MOTOR BLADES	08-01-10 625.1	INSPECTED	RECUR	EVERY 100 OR ANNUAL	[REDACTED]
SB 72	"	08-01-10 625.1	INSPECTED	RECUR	EVERY 100 OR ANNUAL	[REDACTED]
SB 81	HVD. SERVO	09-29-12 700.7	N/A BY S/N	N/A	N/A	[REDACTED]
2007-24-12	TAIL BOON BLADES	09-29-12 700.7	INSPECTED	RECUR	ANNUAL OR 300.	[REDACTED]
2007-24-12	TAIL BOON BLADES	09-29-12 700.7	INSPECTED	RECUR	ANNUAL OR 300.	[REDACTED]
2007-24-05	TAIL BOON PITCH CABLE	09-29-12 700.7	INSPECTED	RECUR	ANNUAL OR 300.	[REDACTED]

N30242
R44 II
S/N: 11784
Hobbs: 794.7

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

11-27-2013
67858RR

- Replaced GOV 2 amp circuit breaker.
- Replaced voltage converter PN: LT-46(D).
 - Removed SN: 2039
 - Installed SN: 4082
- Performed hover check of governor system. No defects noted.

[REDACTED]
Loren C Friedle
[REDACTED]

N30242
R44 II
S/N: 11784
Hobbs: 618.7

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

1-2-2014
68001RR

- Replaced landing lights PN B196-27.

[REDACTED]
Loren C Friedle
[REDACTED]

N30242
R44 II
S/N: 11784
Hobbs: 825.9

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

1-21-2014
68005RR

- Aft hydraulic servo leaking.
 - Replaced MS28778-4/D454-4 packing & spacer.
 - Replaced MS27885-011/D454-3 packing & spacer.
- Hydraulic pump aft seal leaking.
 - Replaced MS28778-4/D454-4 packing & spacer.
- Bled hydraulic system IAW Sec. 1.190.

[REDACTED]
Loren C Friedle
[REDACTED]

ATTN:
FIELD SERVICE

N30242
R44 Raven II
SN: 11784
Hobbs: 865.0

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

3.24.2014
HQA10

- Replaced GOV light relay PN: B280-4.

All work performed IAW the manufacturer's specifications & authorization.


Loren C Friedle


N30242
R44 Raven II
SN: 11784
Hobbs: 974.7

HQ Aviation LLC
4040 E Concord St
Orlando, FL 32803

6.4.2014
HQA16

- Replaced MR droop stops PN C150-1.
- Replaced both MR blade boots PN C156-2 IAW Sec. 9.110.
- Replaced both MR Hub teeter bearings C648-3.
- Replaced both MR Hub teeter journals C106-5.
- Replaced 1 coning hinge journal PN C106-7 under each MR blade leading side.
- Adjusted MR Hub frictions IAW Sec. 9.120.
- Performed MR track & balance IAW Sec. 10.230.

All work performed IAW the manufacturer's specifications & authorization.


Loren C Friedle


AGENCY & CERTI
WORK PERFORMED/RETI

N30242
R44 II
S/N: 11784
Hobbs: 837.1

CE Rotor & Wing Inc.
2789 Flightline Ave.
Sanford, FL 32773

2-17-2014
68222RR

Performed 100Hr IAW FAR 43.15, 91.409, Robinson section 1.101, 2.400.

- Robinson Service Information
 - Cleaned GB chip detectors.
 - Performed clutch lubrication and servicing.
- TCM Service Information
 - SB636 **IGNITION SWITCH INSP** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives
 - 76-07-12 **IGNITION SWITCH** complied with by function check IAW SB636 & SB653.
 - 84-26-02 **INDUCTION AIR FILTER** complied with by inspection.
- Discrepancies
 - Rotated TR pitch links.
 - Touched up paint on TR blade.

All work performed IAW manufacturer's specifications and authorization.
I certify this aircraft has been inspected and determined to be in airworthy condition.


Loren C. Friedle

N30242
SN: 11784
AFTT: 936.7
Hobbs: 936.7

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

5.19.2014
HQA13

RECORD

Performed 100 Hour IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400.

- TCM Service Information.
 - SB636 **IGNITION SWITCH INSP** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives.
 - 76-26-02 **IGNITION SWITCH** complied with IAW SB636 & SB653.
 - 84-26-02 **INDUCTION AIR FILTER** complied with by replacement of filter.
- Discrepancies
 - Rotated TR pitch links.
 - Adjusted sheave alignment IAW Sec. 7.200.
 - Painted TR blades & balanced IAW Sec. 10.240.
 - Replaced pilot Bose headset connector.

All work performed IAW the manufacturer's specifications & authorization. I certify this aircraft has been inspected and determined to be in airworthy condition.


Loren C. Friedle

N30242
SN: 11784
AFTT: 1035.6
Hobbs: 1035.6

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

8.15.2014
HQA34

Performed 100 Hour inspection IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400.

- Robinson Service Information.
 - SB-43A **PITCH CONTROL** complied with.
 - Lubricated C181-3 bearing IAW Sec. 1.140.
 - Replaced hydraulic filter PN: AN6235-1A IAW Sec. 1.170.
- TCM Service Information.
 - SB636 **IGNITION SWITCH INSP** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives.
 - 2003-04-05 **PITCH CONTROL** complied with IAW SB-43A.
 - 76-26-02 **IGNITION SWITCH** complied with IAW SB636 & SB653.
 - 84-26-02 **INDUCTION AIR FILTER** complied with by replacement of filter.
- Discrepancies
 - Rotated TR pitch links.

All work performed IAW the manufacturer's specification and authorization.
I certify this aircraft has been inspected and determined to be in airworthy condition.

Jeremiah Mickelson

N30242
SN: 11784
AFTT: 1092.1
Hobbs: 1092.1

HQ Aviation LLC.
4040 E. Concord St.
Orlando, FL 32803

10.31.2014
HQA55

Performed Annual / 100 Hour inspection IAW FAR 43.15, 91.409, & 91.417, Robinson Sec. 1.101 & 2.400.

- Robinson Service Information.
 - Inspected ELT IAW 91.207.
 - Cleaned gearbox chip detectors IAW Sec. 1.115.
- TCM Service Information.
 - SB636 **IGNITION SWITCH INSP** complied with.
 - SB653 **HOT MAGNETO TEST** complied with.
- Airworthiness Directives.
 - 76-26-02 **IGNITION SWITCH** complied with IAW SB636 & SB653.
 - 84-26-02 **INDUCTION FILTER** complied with by replacement.
- Discrepancies.

INSPECTION RECORD

