INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

HILLSBORO AVIATION

3565 NE Cornell Road · Hillsboro, OR · 97124 · (503) 648- 2831 · CRS LJER093G

Registration:	N442DR	Model: Robinson R44II	
Date:	12/13/2012	Serial:	10428
W.O.	M12-0450	Hobbs:	192.6
ETT:	192.6	ACTT:	192.6

Performed an **Annual** Inspection in accordance with Robinson R44 Maintenance Manual and checklist section 2.410 Rev.14 July 2008. Inspected ELT IAW FAR91.207(d). New ELT battery installed, replacement date is Nov. 2014. C/W AD2011-12-10 per RHC SB 72 inspection of MR blades for debonding, no defects noted, AD next due within 100 hrs or Annual. C/W SB 82 by installing new harness and switch assembly p/n D049-4. C/W 12 mo. Chip detector inspection, no defects noted. Performed capacity check on battery, passed ok. Ground run and leak check performed satisfactorily.

FAR 43.11 Maintenance Release Statement

I certify that this aircraft has been inspected in accordance with an **Annual** inspection and was determined to be in an airworthy condition. Additional details may be on file at this agency under the work order number described above.

Signed [redacted], **John Norling**
Designated Inspector for [redacted]

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		Jerry Trimble Helicopters, McMinnville Oregon 503-807-8239
		A/C: N442DR R-44 Raven II SN: 10428 ACTT: 196.3 Date: 06-18-2013
		Installed KI-206-4 (Aux) Fuel Pump Assembly Upgrade Kit. Complied with SB-69 by installing upgraded Gascolator assembly. Aircraft was leak and ops checked resulting in no defects found at time for the work performed. All maintenance was accomplished IAW R.H.C. Maintenance Manual, KI-206 Kit Instructions, and SB-69. This aircraft is approved for return to service for the work performed.
		Todd Grover [redacted]

FT FOR SERVICE

06-18-2013

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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11APR2014		COMPLIED WITH 100 HR/ANNUAL INSPECTION IN ACCORDANCE WITH
HOBBS:	207.1	RHC R44 MAINTENANCE MANUAL, SECTION 2.400, REV 14 JULY 2008
ACTT:	207.1	C/W AD 2011-12-10 MR BLADES DEBONDING IAW RHC SB-72.
W.O #	14-006	NO DEFECTS NOTED NEXT DUE ACTT: 307.1 OR APR 2015.
		TESTED ELT IAW FAR 91, 207 (d) BATTERY DUE REPLACEMENT
		NOV 2014, C/W CHIP DETECTOR INSPECTION (NO FOD).
		REPLACED LOW FUEL TEST SWITCH P/N B227-1. REPLACED
		LH LANDING LIGHT P/N 4591. REBONDED SEAL ON BATTERY
		BOX L10. SERVICED MAIN AIRCRAFT BATTERY.
		CHECK ALL AD'S THUR 11 APR 2014 SEE ATTACH AD LIST FOR DETAILS
		I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN
		ACCORDANCE WITH AN 100 HR/ANNUAL INSPECTION AND WAS
		DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS
		OF THIS INSPECTION ARE ON FILE AT THIS AGENCY. AIRCRAFT
		IS RETURN TO SERVICE.
		[redacted]
		THOMAS E. NEWMAN
		EXPERIMENTAL WARPLANES LLC

INSPECTION RECORD
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KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
30 DEC 14		REPLACED FOLLOWING PARTS ON SWASHPLATE YOKE
HOBBS:	210.4	ASSEMBLY (4) JOURNAL P/N C105-6 (4) BEARING -
ACTT:	210.4	JOURNAL P/N C648-2 (2) SHIM P/N C117-69
W.O. #	14-015	(2) SHIM P/N C117-68 (2) NUTS P/N MS21042L5
		(2) PALNUTS P/N B330-16 IAW RHC M.M. FIG 8-13B
		C/W SB-86 YOKE MAGNETS IAW PAR 1 THUR 8.
		SB-87 B771-2 (REUSABLE) AIR FILTER N/A AT THIS TIME.
		SB-88 LANDING GEAR ATTACH NUTS N/A BY S/N OF AIRCRAFT.
		AIRCRAFT IS RETURN TO SERVICE.
		EXPERIMENTAL [redacted]
		WARRANTY LLC THOMAS E. NEWMAN

RAFT FOR SERVICE

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BEARING -

17-69

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THUR 8.

/A AT THIS TIME.

S/N OF AIRCRAFT.

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BERMAN

INSPECTION RECORD
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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8 JUN 15		COMPLIED WITH 100 HR/ANNUAL INSPECTION IN ACCORDANCE WITH
HOBBS:	212.9	RHC R44 MAINTENANCE MANUAL, SECTION 2,400, REV JUN 2014
ACTT:	212.9	C/W 2014-23-16 MRB DISBONDING IAW §B-72A, NO DEFECTS
W.O. #	15-016	NOTED, NEXT DUE ACTT 312.9 OR JUN 2016. TESTED ELT
		IAW FAR 91.207 (d) BATTERY DUE REPLACEMENT SEPT 2017
		C/W CHIP DETECTOR INSPECTIONS (NO FOD). C/W 800 HR/3 YR
		C181-3 BEARING LUBE IAW SECTION 1.140. C/W MAIN BATTERY
		SERVICE CHECK. C/W MR SPINDLE SERVICE IAW SECTION
		9.115. SB-89 C016-1 MRB'S IN N/A AT THIS TIME
		CHECK ALL AD'S THUR 08 JUN 15 SEE ATTACH AD LIST FOR DETAILS.
		I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN
		ACCORDANCE WITH AN 100 HR/ANNUAL INSPECTION AND WAS
		DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS
		OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.
		AIRCRAFT IS RETURN TO SERVICE.
		[redacted]
		THOMAS E. NEWMAN
		EXPERIMENTAL WAREHOUSES LLC

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HILLSBORO AVIATION

Hillsboro Aviation Inc. FAA Approved Repair Station # LJER093G 3950 NW 264th Ave., Hillsboro, OR 97124
Phone (503)648-2831

Airframe Log

N442DR **Make: Robinson** **Model: R-44 Raven II** **S/N: 10428**

Date: 10/16/2015 **Hobbs: 229.6** **WO# M15-0949**

Performed the Following Maintenance and Repairs:
Removed MR Blades p/n C016-5 s/n's 0942 and 0950 with spindles p/n C158-1 s/n's 4330 and 4322. Installed new MR Blades p/n C016-7 s/n's 6110 and 6140 with new spindles p/n C158-1 s/n's 19522 and 19518. TSN on blades and spindles is 0.0. Removed TR Hub and Blade Assy containing blades p/n C029-2 s/n's 0813E and 0812H, TR hub D062-2 s/n 1413. Installed new TR Hub and Blade Assy. containing blades p/n C029-3 s/n's 4583 and 4586 and hub p/n G062-2 s/n 3228.. TSN on TR Hub and Blade Assy is 0.0. Installed overhauled fanshaft assy. p/n C007-5, TSO 0.0. Installed overhauled fanwheel assy. p/n D174-2, TSO 0.0. Balanced TR to .1 ips. Checked fan balance and found to be at .1 ips. MR balanced to .1 ips at hover, acceptable track picture at all airspeeds. Adjusted autorotational RPM to specifications. All work performed IAW RHC RTR460 chapters 6, 7, 9 and 10.

Approval for Return to Service: The aircraft and/or components identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service at this time for the work performed. 14CFR43.9

Signed: [redacted] Designated Repair Station Inspector

END

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ning blades p/n
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INSPECTION RECORD
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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE – CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1 AUG 16		COMPLIED WITH 100HR/ANNUAL INSPECTION IN ACCORDANCE
HOBBS	240.0	WITH RHC MAINTENANCE MANUAL, SECTION 2,400,
ACTT	240.0	REV. JUN 2014. C/W ALL STC / FORM 337 INSTRUCTIONS
W.O.#	16-027	FOR CONTINUED AIRWORTHINESS (ICA) SEE RECORDING
		SIGN OFF SHEETS FOR DETAILS. TESTED ELT IAW
		FAR 91.207 (d) AND POINTER MAINTENANCE INSTRUCTIONS
		BATTERY DUE REPLACEMENT SEPT. 2017. NO NEW AD'S
		AT THIS TIME. ALL AD'S CHECKED THUR 01 AUG 2016,
		SEE AD LIST FOR DETAILS. C/W CHIP DETECTOR INSPECTIONS
		SERVICED MAIN AIRCRAFT BATTERY. INSTALLED .032 DOUBLER
		ON RIB, LH SIDE, LOWER OF D040-1 AFT COWLING ASSY.
		I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED
		AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
		DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.
		AIRCRAFT IS RETURNED TO SERVICE.
		[redacted]
		THOMAS E. NEWMAN
		EXPERIMENTAL WARBIRDS LLC