



ROBINSON®

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

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

AIRFRAME MAINTENANCE RECORD

SECTION 2

INSTALLED EQUIPMENT

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
--	--------------------------------------	------------------------	---

Item	Manufacturer	Model	Serial Number	Date Installed	Date Removed
Engine	Lycoming Engines	IO-540-AE1A5	L-36449-48E	22/FEB/2016	
Engine Instruments	Rochester	B144-4	4206	23/MAR/2016	
Outside Air Temperature / Voltmeter	Davtron	B341-1	D17220	23/MAR/2016	
Altimeter	United Instruments	A613-1	506394	07/APR/2016	
Airspeed Indicator	United Instruments	C599-4	215338	23/MAR/2016	
Manifold Pressure Gage	United Instruments	A600-6	199820	23/MAR/2016	
Dual Tachometer	Phaostron	C792-4	7195	23/MAR/2016	
Governor	Robinson Helicopter Co.	D278-2	4330	23/MAR/2016	
Transponder	Garmin	GTX327	83751877	23/MAR/2016	
Blind Encoder	Trans Cal	B240-3	20689	23/MAR/2016	
COM/X'CVR	Garmin	GTR225B	2A7011085	23/MAR/2016	
Touchscreen GPS/COM/NAV	Garmin	GTN750	1ZA017463	23/MAR/2016	
Audio Panel	Garmin	GMA350H	2V4001473	23/MAR/2016	
Battery	Concorde	B237-4	40778292	23/MAR/2016	
Vertical Card Compass	Precision Aviation	B148-5	85609	23/MAR/2016	
Primary Flight Display	Aspen	PFD 1000H	21975	23/MAR/2016	
Multifunctional Flight Display	Aspen	MFD 500H	3125	23/MAR/2016	
Remote Sensor Module	Aspen	910-00003-004	400067	23/MAR/2016	
Chronometer	Davtron	A064-4	D36976	23/MAR/2016	



ROBINSON

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

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

AIRFRAME MAINTENANCE RECORD

SECTION 5

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Airworthiness Directive or Service Bulletin No.	Item Affected	Time of Compliance	One-Time or Recurring	Next Due	Compliance Details	Authorization
AD 2021-19-08	CO29-3 T/R blades	8/15/21 HOURS DATE	N/A	N/A HOURS DATE	S/N range not installed	Richard A. Camm A+P 36221751A SIGN CERT
AD 2021-23-13	radio altimeter	10/6/21 1667.3	N/A	N/A	No Radio Altimeter installed	Richard A. Camm A+P 36221751A
SB-110	CO29-3 T/R blade cracks	1/6/22	N/A	N/A	aircraft S/N not affected	Richard A. Camm A+P 36221751A
SB-111	C143-2 sensor wiring	2/23/22 1727.61	N/A	N/A	aircraft S/N not affected	Richard A. Camm A+P 36221751A
AD 2022-12-08	C143-2 sensor wiring	4/29/22 1782.1	N/A	N/A	aircraft S/N not affected	Richard A. Camm A+P 36221751A
SB-112	T/R blades	1/12/23 1947.8	RECUR	first flight each day 2200 hr	c/w per visual inspection + P.O.H. insert	Richard A. Camm A+P 36221751A
SB-113	Actuator lower bearing A185 bracket	3/21/23 1968.10	1 time	2200 hr 3/31/24	application of horizontal torque stripe to brackets	Richard A. Camm A+P 36221751A
AD 2022-19-12	CO29-3 T/R Blades	02/06/25 2048.14	non-recur 1 time	N/A	S/N Range of TRB's not installed - Replaces AD 2021-19-08	John AP 3041510 ZA
SB 114	D70-1 Governor Controller Upgrade	02/06/25 2048.14	N/A	N/A	Pin not installed	John AP 3041510 ZA
SB 115	Gearmotor on Belt-Tension Actuator	02/06/25 2048.14	1 time	N/A	physically inspect and visual application of Torque Stripe	John AP 3041510 ZA
SB 116	BHW Support	02/06/25 2048.14	N/A	N/A	aircraft S/N not applicable	John AP 3041510 ZA
SB 117	RADAR ALTIMETER	02/06/25 2048.14	N/A	N/A	Radar Altimeter not installed	John AP 3041510 ZA
SB-112C	T/R BLADES	02/06/25 2048.14	RECUR	First flight each day insp every 15 days	c/w visual inspection flight - (insp in P.O.H.) + 15 days	John AP 3041510 ZA
AD 2024-04-02	T/R blades - see AMOC ext + insp	2048.14	RECUR	First PIT at day every 15 days	c/w visual inspection on flight at day - every 15 days	John AP 3041510 ZA



ROBINSON

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

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

AIRFRAME MAINTENANCE RECORD

SECTION 5

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Airworthiness Directive or Service Bulletin No.	Item Affected	Time of Compliance	One-Time or Recurring	Next Due	Compliance Details	Authorization
SB-99	Aircraft Battery	888.68 HOURS 8/15/19 DATE	1 time	N/A	Install KI-264-1 kit	Richard A. Carr A+P 36221751A SIGN CERT
AD 19-12-18 SB-100	Induction Hose	888.68 8/16/19	1 time	N/A	installed new A785-31 induction hose	Richard A. Carr A+P 36221751A
SB-101	Heli SAS Flight Control Computer	888.68 8/16/19	N/A	N/A	system not installed in aircraft	Richard A. Carr A+P 36221751A
SB-102	Chin Inspection Hole and Cover	1083.5 2/24/20	N/A	N/A	inspection hole and cover already installed at MFG	Richard A. Carr A+P 36221751A
SB-103	M/R blade Tip plates	1083.5 2/24/20	1 time	N/A	Tip plate permanent removal + sealant application	Richard A. Carr A+P 36221751A
AD 20-05-11	Agricultural spray equipment	5/11/20 1111.5	N/A	N/A	NOT INSTALLED	Richard A. Carr A+P 36221751A
AD 20-08-10	T/R blades	5/22/20 1173.2	N/A	N/A	part # not installed	Richard A. Carr A+P 36221751A
SB-104	Air/oil separator hose	5/22/20 1173.2	N/A	N/A	part NOT installed	Richard A. Carr A+P 36221751A
SB-105	Alternator filter installation	8/24/20	N/A	N/A	part NOT installed	Richard A. Carr A+P 36221751A
SB-106	Heli SAS AutoPilot Garmin PFD	10/13/2020 1335.8	N/A	N/A	Garmin PFD NOT installed	Richard A. Carr A+P 36221751A
SB-107A	Fire extinguisher relocation	8/20/21 1574.40	1 time	N/A	relocated per KI-281-21 instructions	Richard A. Carr A+P 36221751A
SB-108	T/R Blade cracks	8/20/21 1574.40	N/A	N/A	N/A per serial #	Richard A. Carr A+P 36221751A
SB-109	Hydraulic controls	8/20/21 1574.40	N/A	N/A	N/A per serial #	Richard A. Carr A+P 36221751A
AD 2018-18-08	Induction hose	8/27/20	N/A	N/A	N/A	Richard A. Carr A+P 36221751A

ROBINSON

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

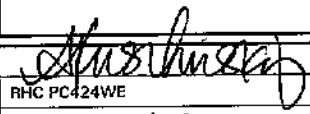
Phone (310) 539-0508 Fax (310) 539-5198

AIRFRAME MAINTENANCE RECORD

SECTION 5

AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Airworthiness Directive or Service Bulletin No.	Item Affected	Time of Compliance	One-Time or Recurring	Next Due	Compliance Details	Authorization
All Service Bulletins complied with through SB-89 as applicable. All Airworthiness Directives complied with through biweekly issue AD 2016-07 during production.						 RHC PC424WE SIGN CERT
SB-90	Airspeed indicator decal	12-30-16 Hobbs 183-9	1 time	N/A	install G654-6 decal to Airspeed indicator	Richard L Carr A+P 3622175
SB-92	Tail rotor drive shaft damper bearing	1-3-17 186.89	1 time	N/A	apply B-270-1 sealant to fwd + aft bearing seals	Richard L Carr A+P 3622175
SB-91	Ammeter circuit fuse protection	1-4-17 186.89	1 time	N/A	installation of kit R9041	Richard L Carr A+P 3622175
AD 2016-26-04	Main rotor blades.	1-5-17 186.89	-0-	N/A per blade revision letter	NOT applicable to AH revision blades	Richard L Carr A+P 3622175
SB-93	Horizontal stabilizer	6-19-17 305.3	1 time	N/A	N/A per stabilizer serial number	Richard L Carr A+P 3622175
SB-94	actuator lower bearing ABS brackets	8-11-17 347.8	1 time	N/A	inspection of brackets installation of torque struts	Richard L Carr A+P 3622175
SB-92A 12/20/17	Tail rotor drive shaft damper bearing	3-1-18 494.5	1 time	N/A	Previously c/w @ SB-92 revision Adds spares	Richard L Carr A+P 3622175
SB-95	M.R.G.B	3-1-18 494.5	1 time	N/A	N/A per gear box installed already has upgrade	Richard L Carr A+P 3622175
SB-96	D602-1 Time delay assy.	10-10-18 640.9	1 time	N/A	N/A per aircraft serial # and Part lot # not installed	Richard L Carr A+P 3622175 IA
AD 2019-01-62	Aspen Avionics MFD 500H	1/30/19 697.1	1 time	N/A	N/A per Software Version 2.9 not installed	Richard L Carr A+P 3622175 IA
SB-97	Induction Hose	4/18/19 768.6	1 time	N/A per S/W Part Not installed	Part NOT installed	Richard L Carr A+P 3622175 IA
SB-98	Air oil separator Hose spring	4/18/19 768.6	1 time	N/A	system not installed	Richard L Carr A+P 3622175 IA



AIRFRAME MAINTENANCE RECORD

2901 Airport Drive, Torrance, California 90505, USA Phone (310) 539-0508 Fax (310) 539-5198

**SECTION 2
INSTALLED EQUIPMENT**

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
--	--------------------------------------	------------------------	---

Item	Manufacturer	Model	Serial Number	Date Installed	Date Removed
Engine	Lycoming Engines	IO-540-AE1A5	L-36449-48E	22/FEB/2016	
Engine Instruments	Rochester	B144-4	4206	23/MAR/2016	
Outside Air Temperature / Voltmeter	Davtron	B341-1	D17220	23/MAR/2016	
Altimeter	United Instruments	A613-1	506394	07/APR/2016	
Airspeed Indicator	United Instruments	C599-4	215338	23/MAR/2016	
Manifold Pressure Gage	United Instruments	A600-6	199820	23/MAR/2016	
Dual Tachometer	Phaostron	C792-4	7195	23/MAR/2016	
Governor	Robinson Helicopter Co.	D278-2	4330	23/MAR/2016	
Transponder	Garmin	GTX327	83751877	23/MAR/2016	
Blind Encoder	Trans Cal	B240-3	20689	23/MAR/2016	
COM/X'CVR	Garmin	GTR225B	2A7011085	23/MAR/2016	
Touchscreen GPS/COM/NAV	Garmin	GTN750	1ZA017463	23/MAR/2016	
Audio Panel	Garmin	GMA350H	2V4001473	23/MAR/2016	
Battery	Concorde	B237-4	40778292	23/MAR/2016	
Vertical Card Compass	Precision Aviation	B148-5	85609	23/MAR/2016	
Primary Flight Display	Aspen	PFD 1000H	21975	23/MAR/2016	
Multifunctional Flight Display	Aspen	MFD 500H	3125	23/MAR/2016	
Remote Sensor Module	Aspen	910-00003-004	400067	23/MAR/2016	
Chronometer	Davtron	A064-4	D36976	23/MAR/2016	



ROBINSON®

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

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

AIRFRAME MAINTENANCE RECORD

SECTION 4

LIFE-LIMITED PARTS OR OVERHAUL REQUIREMENTS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Part Name	Part Number	Serial Number	Time on Helicopter at Installation	Time on Part at Installation	Life-Limit or TBO	Time on Helicopter at Removal	Authorization
Main Rotor Spindle	C158-1	20263	0.00 HOURS	NEW	2200 LIFE	HOURS	SIGN
			21/MAR/2016 DATE			DATE	
Main Rotor Spindle	C158-1	20269	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Clutch Shaft	C166-4	9740	0.00	NEW	2200 TBO		
			21/MAR/2016				
Bearing Assembly	C181-3	8207	0.00	NEW	2200 TBO		
			21/MAR/2016				
Sprag Clutch	C188-3	10570	0.00	NEW	2200 TBO		
			21/MAR/2016				
Main Rotor Drive Shaft	C251-2	R8147	0.00	NEW	2200 TBO		
			21/MAR/2016				
Main Rotor Gearbox Sump	C263-2	6218	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Main Rotor Gearbox Housing	C264-2	8700	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Tail Rotor Gearset	C545-1	9441	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Bearing Set	C647-12	A151357	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Tail Rotor Guard	D079-1	9843	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Tail Rotor Drive Shaft	D196-1	7345	0.00	NEW	4400 LIFE		
			21/MAR/2016				
Hydraulic Reservoir Assembly	D211-2	6099	0.00	NEW	2200 TBO		
			21/MAR/2016				
Hydraulic Servo Assembly	D212-1	0166	0.00	NEW	2200 TBO		
			21/MAR/2016				
Hydraulic Servo Assembly	D212-1	0167	0.00	NEW	2200 TBO		
			21/MAR/2016				



ROBINSON®

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

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

AIRFRAME MAINTENANCE RECORD

SECTION 4

LIFE-LIMITED PARTS OR OVERHAUL REQUIREMENTS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Part Name	Part Number	Serial Number	Time on Helicopter at Installation	Time on Part at Installation	Life-Limit or TBO	Time on Helicopter at Removal	Authorization
Main Rotor Gearbox	C006-7	8700	0.00 HOURS	NEW	2200 TBO	HOURS	SIGN
			21/MAR/2016 DATE			DATE	
Main Rotor Blade	C016-7	8909	0.00	NEW	2200 HR OR 12 YEARS		
			21/MAR/2016				
Main Rotor Blade	C016-7	6936	0.00	NEW	2200 HR OR 12 YEARS		
			21/MAR/2016				
Swashplate Assembly	C017-6	3157	0.00	NEW	2200 TBO		
			21/MAR/2016				
Frame Assembly	C020-1	8282	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Tail Rotor Gearbox	C021-1	7965	0.00	NEW	2200 TBO		
			21/MAR/2016				
Tailcone Assembly	C023-15	7600	0.00	NEW	4400 LIFE		
			21/MAR/2016				
Tail Rotor Blade	C029-3	5256	0.00	NEW	2200 HR OR 12 YEARS		
			21/MAR/2016				
Tail Rotor Blade	C029-3	5253	0.00	NEW	2200 HR OR 12 YEARS		
			21/MAR/2016				
Tail Rotor Hub Assembly	G062-2	3381	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Tail Rotor Pitch Control	C031-1	9351	0.00	NEW	2200 TBO		
			21/MAR/2016				
Horizontal Stabilizer	C044-1	8582	0.00	NEW	4400 LIFE		
			21/MAR/2016				
Actuator	C051-2	7905	0.00	NEW	2200 TBO		
			21/MAR/2016				
Main Rotor Gearset	C146-5	8467	0.00	NEW	2200 LIFE		
			21/MAR/2016				
Main Rotor Hub	C154-1	9255	0.00	NEW	2200 LIFE		
			21/MAR/2016				

ROBINSON

HELICOPTER COMPANY

2901 Airport Drive, Torrance, California 90505, USA

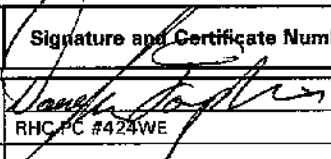

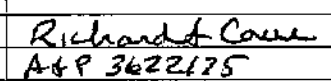
AIRFRAME MAINTENANCE RECORD

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

SECTION 8

SCHEDULED INSPECTIONS

Helicopter Serial Number 13969	Registration Number N143AP	Model R44 II	Date of Manufacture 08/APR/2016
-----------------------------------	-------------------------------	-----------------	------------------------------------

Date of Completion	Helicopter Time in Service	RECORD OF INSPECTION TYPE & SCOPE, DISCREPANCIES FOUND, & AIRWORTHINESS STATUS (CFR 43.11 & 91.409)	Signature and Certificate Number
03/23/2016	4.0	FAA Production Flight Test Satisfactory	 SIGN RHC PC #424WE CERT
08/APR/2016	4.00	I find that this rotorcraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated <u>08/APR/2016</u>	
		 JAVIER GONZALEZ Authorized Signature & Number	
		ODA606172NM	
9/16/16	99.8	Performed 100 hr inspection IAW Robinson R44 maintenance manual section 2.200 ground and flight check for 100 hr and section 2.410 inspection procedures and checklist, and Lycoming 10-540 operators manual checklist. pilot collective adjustable friction light, adjusted friction to 18-22 lbs of force per section 8.213, cleaned oil cooler fins with shop vac and compressed air. sheave alignment out of tolerance, left side clearance below minimum, adjusted lateral clutch centering rod, per section 7.250 for a right gap of .097" and a left gap of .116", no Airframe AD's or SB's due at this time. See engine log books for work performed to power plant. Aircraft run up and leak check satisfactory. Aircraft approved for return to service. <u>END</u>	 Richard A. Case A&P 3622175