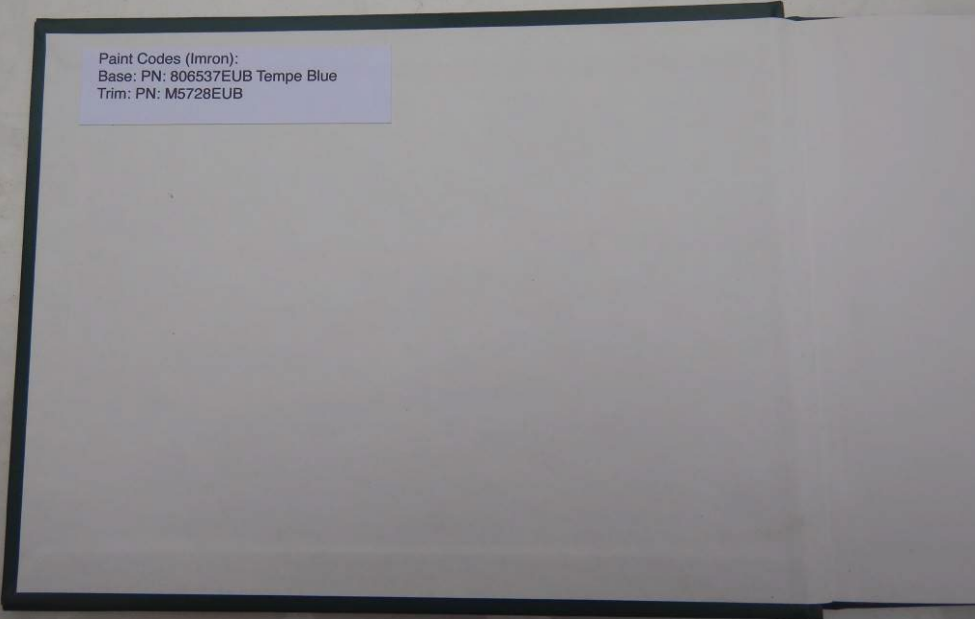


AIRCRAFT LOG
AF5-1



Paint Codes (Imron):
Base: PN: 806537EUB Tempe Blue
Trim: PN: M5728EUB

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INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
Engine	Turbine Lycoming	IS-540-A21A3	L-25450-48A
Inst. Cluster	Radco	SI-144-4	290
CAT Gauge	Dawson	307	AD0138
Altimeter	United	500A-5	516730
Vertical Speed	United	7135	6075
Airspeed	United	8000	180561
Machmeter	United	6111	180608
Tachometer	Phaedon	C782-4	7983
Gyrometer	PHC	0278-2	2151
Chronometer	AutoTech	LC-2	2177
Audio Control	NAT	AA12-001	2100
Mind Encoder	United	180100-30A	AG0341
Transponder	Garnett	GT235	30EAC0302
GPS	Garnett	GN5 430-00	67108430
Transceiver	King	KRT155A	14185
Turn Coordinator	Mid Continent	1364T 100-72	2103-463
Marker Beacon	Bendix King	WSP	1130
WSP	King	KISSA	07183
Digital Air Ind	HC Allen	100-0405-11-01	9004021
PROPELLER			

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.
MR Gearbox	C006-7	1981	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
MR Blade	C016-7	12234	08/19/2020 4397.6	NEW 0	2200 HR 12 Years		Tommy Garst AP 3581293 IA
MR Blade	C016-7	12227	8/19/2020 4397.6	NEW 0	2200 HR 12 Years		Tommy Garst AP 3581293 IA
MR Swashplate	C017-6	5251	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Welded Frame	C020-1	4185	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
TR Gearbox	C021-1	4185	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Tailcone Assy	C023-15	10631	8/19/2020 4397.6	NEW 0	4400 Life		Tommy Garst AP 3581293 IA
TR Blade	C029-3	10548	8/19/2020 4397.6	NEW 0	2200 HR 12 Years		Tommy Garst AP 3581293 IA
TR Blade	C029-3	10549	8/19/2020 4397.6	NEW 0	2200 HR 12 Years		Tommy Garst AP 3581293 IA
TR Hub	G062-2	6306	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
TR Pitch Control	C031-1	12263	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Horiz Stab	C044-1	10047	8/19/2020 4397.6	NEW 0	4400 Life		Tommy Garst AP 3581293 IA
Actuator	C051-2	3835	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
MR Gearset	C146-2	R1027	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
MR Hub	C154-1	11498	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
MR Spindle	C158-1	25973	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
MR Spindle	C158-1	25972	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
Clutch Shaft	C166-5	1825	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA

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	10598	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Sprag Clutch	C188-3	12847	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
TR Driveshaft	D224-2	9508	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
MR Driveshaft	C251-2	R2331	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
MRGB Sump	C263-2	8013	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
MRGB Housing	C264-2	10845	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
TR Gearset	C545-2	11964	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
TR Gaurd	D079-1	12170	8/19/2020 4397.6	NEW 0	2200 HR		Tommy Garst AP 3581293 IA
Hyd Resv	D211-2	2950	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Hyd Servo	D212-1	3783	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Hyd Servo	D212-1	8507	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Hyd Servo	D212-1	13360	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Hyd Pump	DS00-1	6346	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Bearing Set	C647-12	C192616	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA
Bearing	C647-8	1952	8/19/2020 4397.6	NEW 0	2200 TBO		Tommy Garst AP 3581293 IA

BUREAU		AGENCY CERT. NO.	A.S. BUL. 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.
MENTS AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD All Robinson service bulletins complied with through SB 104. Applicable AD's complied with through biweekly issue # 2020-17 during overhaul and Annual inspection by Sevier County choppers under WO# 001621 dated Aug 19, 2020. Authorized Signature Tommy Garst AP									
2021-11-09			NR	181425	09-09-21	NR 67 9/N			ERK Rodriguez

APPROVED BY: AGENCY		CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
RADIO & ELECTRONIC CHECKS TRANSPONDER CERTIFICATION Sevier County Choppers Sevierville, Tennessee 37862 FAA CRS #8DIR912C Form XPC003 Rev: Original Date: 03-02-2019 Work Order No. <u>000325</u> Acft. Reg. No. <u>NS-45C</u> Aircraft Type <u>Q441</u> Transponder Position <u>Panel</u> Txpond PIN# <u>C4X335</u> SN# <u>3EB425302</u> I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details on file at this repair station. Date <u>8-19-20</u> Signed <u>[Signature]</u>									

CHECKED BY: SIGNATURE — CERT. NO.		DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
Make/Model: R44 Raven II Serial No: 10884 Hobbs: 4.0 ACTT: 4401.6 ACTSO: 4.0				Reg No: N544SC Date: 8-21-2020 WO#: 001821 EngTT: 4401.6 EngTSO: 4.0	
MAINTENANCE RECORD F.A.R. 43.9					
Description of Work Performed					
- Performed main rotor track and balance ref RHC R44 MM section 10.230. - Performed tail rotor balance ref RHC R44 MM section 10.240. Balanced fanwheel ref RHC R44 MM section 6.240. - Performed auto rotational adjustment ref section 10.250 - Drilled coning and teeter hinge bolts. - Drained and flushed gearboxes ref RHC R44 MM section 1.100 due within first 4 hours after installation - Aircraft is approved for return to service. Work done by sevier county choppers under above work order.					
Tommy Garst AP					

CHECKED BY: SIGNATURE — CERT. NO.		DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
				N544SC R44 II S/N: 10884 23 MARCH 2021 ACTTSO: 74.0 HOBBS: 74.0	0. 3 SERIALS
MAINTENANCE RECORD F.A.R. 43.9					
DISCREPANCY: #1 PILOT REPORTED LOSS OF ROTOR TACH INDICATION IN FLIGHT. CORRECTIVE ACTION: #1 FOUND HALL EFFECT SENDERS TO BE LOOSE AND COMING IN CONTACT WITH YOKE ASSY. REMOVED AND REPLACED YOKE WITH NEW P/N C908-1, HALL EFFECT SENDERS P/N B320-2 QTY: 2, AND BRACKET P/N D114-1. ADJUSTED GAP ON HALL EFFECT SENDERS PER RHC MM SECT. 7.141 AND TORQUED YOKE AS REQUIRED. NO FURTHER DAMAGE TO FLEX PLATE AND OR OTHER ITEMS. ALL WORK ACCOMPLISHED IN REFERENCE TO RHC MM AS APPLICABLE. PERFORMED SHEAVE ALIGNMENT AND FOUND ALL TO BE WITHIN TOLERANCE. AT THIS TIME, I CERTIFY THAT I HAVE FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED TO SERVICE AT THIS TIME FOR ALL ITEMS LISTED ABOVE. -END-					
JOSE RODRIGUEZ A.P. CREATIVE ROTORCRAFT MAINTENANCE LLC. CHINO CA 91710 HANGAR B110 #C					

CY & CERTIFICATE NO. ISSUED/RETURNED TO SERVICE		Make/Model: R44 Raven II Serial No: 10884 Hobbs: 0.0 ACTT: 4397.6 ACTSO: 0.0		Reg No: N5448C Date: 8-19-2020 WO: 001821 Eng: TT 4397.6 EngTSC: 0.0		 INSPECTION RECORD	
Description of Work Performed							
Performed 2200/4400 hour overhaul, 100 hour inspection, and Annual inspection IAW FAR 43 App D ref Lycoming IO-540 Ops Manual and RHC R44 MM section 2.710. Replaced components listed in RHC R44 MM section 2.710 due overhaul requirements with new or overhauled components (see life limited parts or overhaul requirements section of this logbook for details). Installed overhauled engine PN: IO-540-AE1A5 SN: L-30450-48A (engine was overhauled by Triad Aviation Inc WO#25547 dated 6/16/2020). Landing gear cross tubes, struts and elbows, skid tubes and extensions, journals, and lower frames were inspected ref section 2.710 of RHC R44 MM. NDT inspection performed by S&S Testing under WO# 4835 and 4834 dated 5/5/2020. For additional parts and hardware installed, see RHC sales orders 321441, 327340, 327137, and 325917. Refinish aircraft exterior paint. Aircraft weight and balance complied with, updated weight and balance sheet and equipment list placed in aircraft POH. AD's applicable to this aircraft, engine, and appliances complied with through biweekly issue 2020-17. Applicable RHC SB's complied with through RHC R44 SB 104. CW AD 2019-12-18 by installing new revision A785 air intake hose. Removed hobbs meter showing 2195.9. Installed new hobbs meter showing 0.0 ref RHC R44 IPC figure 95-5. Removed strobe power supply and installed LED strobe ref kit PN KI-204-1 instructions. Replaced electric fuel pump with new ref KI-206-3 kit instructions. Replaced horizon ref indicator with new RC Allen PN: 102-0403-11-01 SN: 920H321 ref RC Allen Installation/Operation manual PN: 1401-3 rev D dated June 5, 2019. Ground run checks complied with, results ok. Details for additional maintenance performed and parts replacement are on file at Sevier County Choppers under above work order. I certify this aircraft has been inspected IAW a 100 hour/ Annual/ 2200 hour overhaul inspection requirements per RHC R44 MM, Lycoming Ops Manual, and FAR 43 App D and was found to be in airworthy condition. Aircraft is approved for return to service. Tommy Garst AP							

DATE		AIRCRAFT TIME IN SERVICE	INSPECTION RECORD F.A.R. 43.11 - 91.409 KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	
 CREATIVE ROTORCRAFT MAINTENANCE		N5448C R44 II S/N: 10884 5 MAY 2021 ACTSO: 103.09 ACTT: 4500.69 HOBBS: 103.09		
PERFORMED A 100 HR INSPECTION IN REFERENCE WITH ROBINSON MAINTENANCE MANUAL SECTION 2.200, 2.300, 2.400, AND F.A.R. 43 APPENDIX D, PARA. (A). VERIFIED SHEAVE ALIGNMENT. SWASH PLATE UPPER AND LOWER SCISSORS CHECKED TO BE WITHIN LIMITS. SERVICED MAIN ROTOR AND TAIL ROTOR GEARBOX AND HYD OIL RESERVOIR TO PROPER LEVEL. ADJUSTED THROTTLE CORRELATION. INSTALLED MISSING NUT ON STARTER. INSTALLED MISSING TAPE ON TAIL CONE TO PREVENT WEAR. FOUND DEFECTIVE V-BELTS DUE TO ACTUATOR NUT NOT BEING TORQUED PROPERLY. REMOVED FAN WHEEL ASSY. CLUTCH ACTUATOR, CLUTCH LATERAL CENTERING STRUT AND MISC ITEMS REQUIRED TO FACILITATE REPLACEMENT OF V-BELTS. INSTALLED NEW V-BELTS PN A190-3 AND ALL ITEMS PREVIOUSLY REMOVED TO FACILITATE REPLACEMENT OF BELTS. TORQUED FAN WHEEL ASSY AS REQUIRED. AD'S CURRENT TO REVISION. FOUND LOOSE BOLTS ON MAIN BATTERY. TORQUED AS REQUIRED 75INCH LBS PER CONCORDE MANUAL. BALANCED FAN WHEEL ASSY TO OBTAIN FINAL READINGS OF .08 IPS ALL WITH IN LIMITS. PERFORMED HOVER CHECK FOR 30 MIN AND ADJUSTED V-BELTS AS REQUIRED AFTER GROUND RUN. SN-33 WAS PRINTED AND LEFT ON PILOTS SEAT REGARDING NEW BELT INSTALLATION. REPLACED TAIL ROTOR GEARBOX SIGHT GLASS O-RING WITH NEW, CLEANED FUEL CONTROL DUE TO EXCESSIVE DIRT. CLEANED INSTAKE HOSE. WASHED VERTICLE AND HORIZONTAL TUNNEL WITH SOAP AND WATER. SERVICED MAIN ROTOR GEARBOX TO PROPER OIL LEVEL. (NID AT 200.0 HRS CUSTOMER OVERFLEW 100HR) PERFORMED OPERATIONAL AND LEAK CHECKS ALONG WITH REQUIRED FLIGHT CHECKS ON ALL SYSTEMS, WITH NO DEFECTS NOTED AT THIS TIME. I CERTIFY THAT I HAVE PERFORMED A FIRST 100 HR INSPECTION AND FOUND THIS AIRCRAFT TO BE IN AN AIRWORTHY CONDITION AND APPROVED TO SERVICE AT THIS TIME OF INSPECTION. -END- JOSE RODRIGUEZ AIC 0037109 CREATIVE ROTORCRAFT MAINTENANCE LLC. CHINO CA 91710				

INSPECTION RECORD
F.A.R. 43.11-91.409

CRM
CREATIVE ROTORCRAFT MAINTENANCE

N544SC R44 II S/N: 10884 10 AUGUST 2021
ACTTSO: 163.05 HOBBS: 163.05

DISCREPANCY: #1 PILOT REPORTED HIGH ENGINE CHT
DISCREPANCY: #2 PILOT REPORTED HIGH ENGINE OIL TEMP
DISCREPANCY: #3 50HR INSPECTION

CORRECTIVE ACTION: #1. INSTALLED NEW KI-249 CHT ROBINSON KIT AND CALIBRATED AS REQUIRED PER KIT
CORRECTIVE ACTION: #2. REMOVED AND REPLACED OIL TEMP GAGE WITH SERVICEABLE UNIT DUE TO HIGH READING INDICATIONS
CORRECTIVE ACTION: #3. COMPLIED WITH 50HR INSPECTION IN REFERENCE TO SB480 DRAINED AND SERVICE OIL WITH NEW OIL 8 QTS
OF AEROSHELL 100W PLUS, REPLACED OIL FILTER WITH NEW B123-2, REMOVED AND CLEANED ALL SPARK PLUGS ALL FOUND
FUNCTIONAL, PERFORMED VISUAL INSPECTIONS AS REQUIRED. OIL SUCTION SCREEN REMOVED AND INSPECTED NO DEFECTS NOTED
DUE TO HIGH TEMPERATURES, WE PROVIDED THE FOLLOWING TROUBLE SHOOTING, PERFORMED SB 388 #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #26, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #44, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60, #61, #62, #63, #64, #65, #66, #67, #68, #69, #70, #71, #72, #73, #74, #75, #76, #77, #78, #79, #80, #81, #82, #83, #84, #85, #86, #87, #88, #89, #90, #91, #92, #93, #94, #95, #96, #97, #98, #99, #100, #101, #102, #103, #104, #105, #106, #107, #108, #109, #110, #111, #112, #113, #114, #115, #116, #117, #118, #119, #120, #121, #122, #123, #124, #125, #126, #127, #128, #129, #130, #131, #132, #133, #134, #135, #136, #137, #138, #139, #140, #141, #142, #143, #144, #145, #146, #147, #148, #149, #150, #151, #152, #153, #154, #155, #156, #157, #158, #159, #160, #161, #162, #163, #164, #165, #166, #167, #168, #169, #170, 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KIND OF INSPECTION—STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

SECTION 2.200,
FURS CHECKED
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KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE—CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE	KIND OF INSPECTION-STATUS & DISAPPROVAL LIST CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE	DATE
		Make/Model: R44 II Serial No: 10854 Hobbs: 906.01 ACTT: 4703.61 ACTSD: 306.01	Reg No: N5445C Date: 12/28/2021 WO#: 002165 EngTT: 4703.01 EngTSD: 306.01	
Description of Work Performed				
Complied with Annual inspection IAW FAR 43 App D ref RHC R44 MM 2.410 checklist as revised. Complied with applicable engine inspection, see engine logbook for details. Reviewed aircraft records and airworthiness directives. Applicable AD's CW through bi-weekly issue 2021-26. Verified sheave alignment ref RHC R44 MM section 7.230, results: LH .115 RH .102. Complied with TRDS run out ref RHC R44 MM section 7.340, results: Aft .011 .012 .009 .010 .010 .007. Cleaned gearbox chip detectors ref RHC R44 MM section 1.115. Tested and Inspected ELT per 91.207, replaced battery with new PN: 2020 expires 06/2023. CW lubricated C181-3 lower bearing Ref. R44 MM Sec. 1.140. Replace Hydraulic filter with new PN: AN6235-1A Ref. RHC R44 MM sec. 1.170. Installed new registration holder ref. R44 IPC Figure 25-2. Replaced a/c condenser heat shield PN: D785-4 ref. R44 IPC Figure 21-13. Removed HSI PN: KI 525A SN: 96923 and replaced with serviceable SN: 87183 ref. R44 IPC figure 95-19. I certify this aircraft has been inspected IAW an Annual inspection and was determined to be in airworthy condition. Jonathon Owens IA [Redacted Signature]				

