

INSPECTION RECORD F.A.R. 43.11-91.409

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

N7511D

S/N: 1252 05/23/2019

ACTT: 1823.5

HOBBS: 1823.5

Complied with 100 hour, Annual Inspection IAW FAR 43 Appendix D. Removed cleaned and reinstalled gascolator. Tail rotor and swashplate run out inspections founr to all be within limits. Removed and replaced the following items: air filter, hydraulic filter. Drain, flushed and reserviced both main and tail rotor gear boxes. Removed, cleaned, inspected and re-installed main and tail rotor gear box chip detectors. Lubricated upper clutch bearing with Mobil 28. Lubricated lower fan shaft bearing with Mobil 28. All AD,s are current at this time.
I certify this aircraft to be in an **AIRWORTHY CONDITION** and is returned to service. -END-

Can Helicopter Services LLC
Michael P. Satterfield
A&P, IA

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
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June 9, 2020	N7511D	Robinson R44 Raven
ACTT: 1834.8	HOBBS: 1834.8	S/N 1252

Complied with 100 hour, Annual Inspection IAW FAR 43 Appendix D. Removed, cleaned and reinstalled gascolator. Tail rotor and swashplate run out inspections found to all be within limits. Removed and replaced the following items: air filter, hydraulic filter and battery. Drain, flushed and reserviced both main and tail rotor gear boxes. Removed, cleaned, inspected and re-installed main and tail rotor gear box chip detectors. Lubricated upper clutch bearing with Mobil 28. Lubricated lower fan shaft bearing with Mobile 28. All ADs are current at this time. I certify this aircraft to be in an airworthy condition and is returned to service. -END-

Jerry Satterfield AP/IA # [REDACTED]

[REDACTED]

[Handwritten Signature]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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N7511D

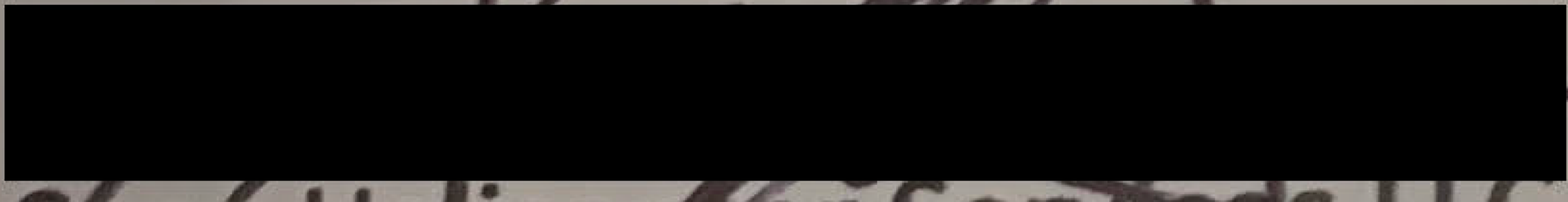
S/N: 1252 05/23/2019

ACTT: 1823.5

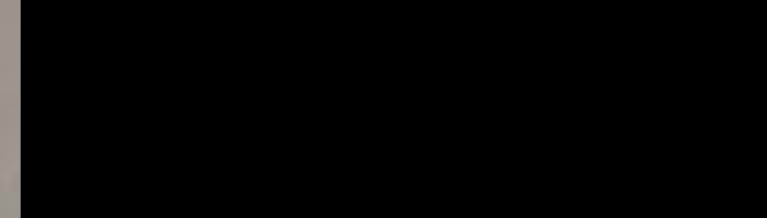
HOBBS: 1823.5

ETTSO: 35.7

Complied with Lycoming 100 hour, Annual inspection. Drained and reserviced engine oil with 9 QTS of AeroShell oil. Removed, inspected and replaced oil filter (no defect noted at this time). Removed and installed all new 12 spark plugs. Compressions on engine as follows #1. 74/80 #2. 77/80 #3. 77/80 #4. 78/80 #5. 75/80 #6. 76/80. I certify this engine has been found to be in an **AIRWORTHY CONDITION** and is returned to service. -END-


Cane Helicopter Services LLC

Michael P. Satterfield

A&P, IA 

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

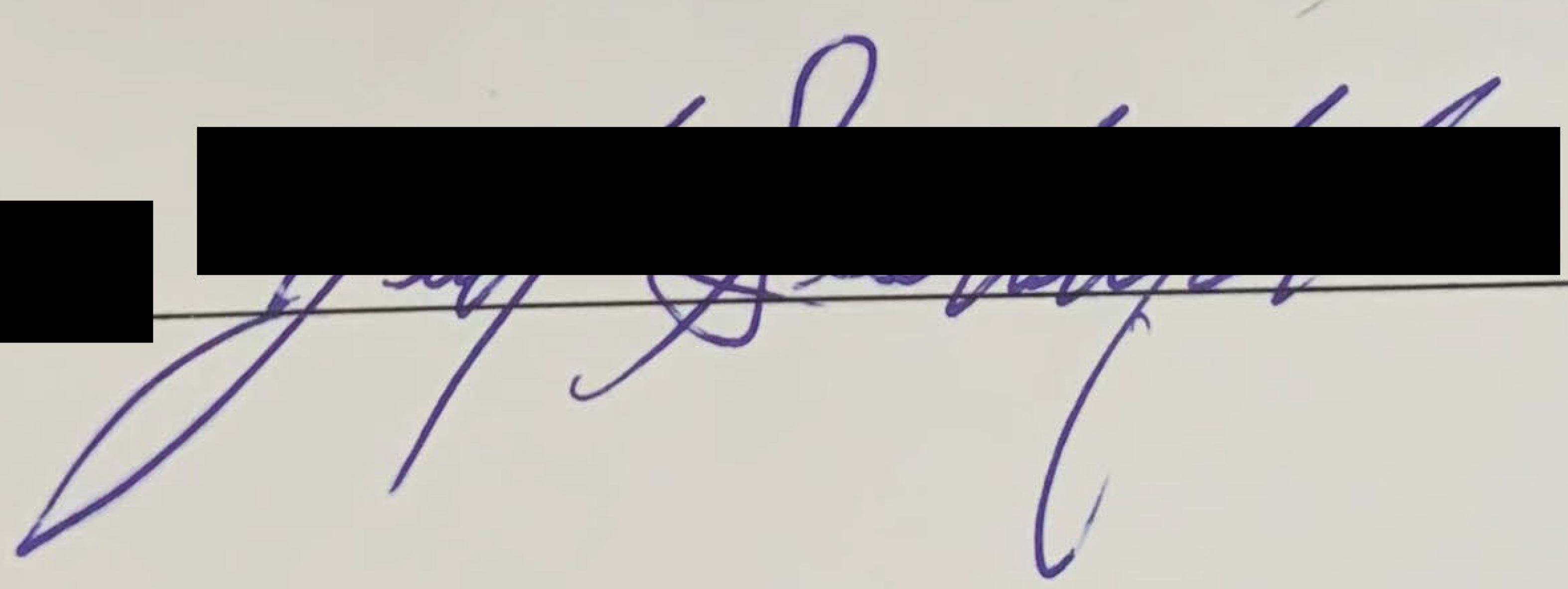
DATE

TOTAL
TIME

June 9, 2020	N7511D	Robinson R44 Raven
ACTT: 1834.8	HOBBS: 1834.8 ETTSO: 35.7	S/N 1252
Lycoming	Model: O-540-FIB5	S/N L-26148-40A

Complied with Lycoming 100 hour, Annual inspection. Drained and reserviced engine oil with 9 quarts of AeroShell oil. Removed, inspected and replaced oil filter (no defect noted at this time). Removed and installed all new 12 spark plugs. Removed and changed air filter. Compressions on engine as follows #1 73/80 #2 77/80 #3 77/80 #4 77/80 #5 76/80 #6 76/80. I certify this engine has been found to be in an airworthy condition and is returned to service -END-

Jerry Satterfield A&P/IA # [REDACTED]



05/02/2017
 MODEL: O-540-F1B5
 S/N: L-26148-40A
 TACH READ NG: TSMO:0.0

AIRCRAFT ENGINE SPECIALISTS, LLC
 2330 SOUTH A RPORT BOULEVARD, SUITE #5
 CHANDLER, ARIZONA 85286
 CRS # ZF7R728Y

This engine has been overhauled in accordance with the Lycoming Overhaul Manual 60294-7-14 and other FAA-approved procedures. Applicable FAA Airworthiness Directives and manufacture service bulletins have been complied with, see AD sheet. All parts have been inspected and accessories are either new or newly overhauled NDT parts wo N1564-17-03. Lifters overhauled wo 183507. Crankcase repaired wo 43894. Camshaft pn SL19340, new. Counterweights repaired wo 241902. New Crankshaft pn 13E47622 sn V537972126 complied with Service Bulletin 475C by inspection of bolt hole threads, new bolt, torque bolt to 204 inch lbs and bend lock tab. Overhauled cylinders by Performance Aircraft Powerplants Inc, pn LW13870, WO 3463. Carburetor MA4-5, pn 10-6035-11, sn 75122415 overhauled wo F1332-17-03. New starter pn 149-12HP sn H2C-301305. Right magneto S6LSC-204T, pn BL-600646-201 sn E16KA216R overhauled wo 566264. Left magneto S6LSC-200, pn BL-600616-3 sn E16BA076R overhauled wo 504963. Engine was test ran and was found to be in an airworthy condition. Further details of this engine overhaul may be found at this facility under work order **E5369-17-03**.

James Wheeler

Parts Used on WO# E5369-17-03

1	60803	STRAP-L FTING	1	STD-2168	NUT	6	STD-2013	SEAL
1	61084	SPR NG	1	STD-2231	RING	6	STD-553	SCREW
1	71652	GEAR ASSY	1	STD-2247	BOLT	8	LW-14820	R NG
1	77808	VALVE ASSY	2	67542	BEARING	8	LW-25-1 25	BOLT
1	10-6035-11 OHC	CARB OHC	2	14W22647	BEARINGS CNTRWT 4 81	8	MS21042L6	NUT
1	13E47622	CRANKSHAFT	2	72877 U/S	LIFTER BODY U/S	8	SL13521A	BEAR NG
1	13S19647 U/S	GEAR	2	SL13884A	BEARING	8	SL71907A	WASHER
1	APS-68759	TUBE ASSY	2	SL70416	ROLLER	8	SL-STD-2090	NUT
1	APS-68760	TUBE ASSY	3	LW-31H0 88	BOLT	10	LW-25-1 00	BOLT
1	BL-600616-3	BL-MAG S6LSC-200	4	71611	RETAINER	10	LW-25-1 50	BOLT
1	BL-600646-201	MAGNETO S6LSC-204T	4	71629	HOOK	10	SL-STD-1410	NUT
1	CH48108-1	FILTER	4	68H22624	CUSHION	12	72198	PLUG
1	LW-12545	PLUG	4	AEL76220P001	STUD	12	74637	BUSHING
1	LW-14260	SEAL	4	LW-15839	BAFFLE ASSY	12	15B21319	SOCKET-HYD TAPP
1	LW-15970	TUBE	4	LW-31-1.16	BOLT	12	15B26066	PLUNGER
1	LW-16783-17P	GAUGE ASSY	4	SL13521A	BEARING	12	LW-15592-5-05	CLAMP
1	LW-18481	GASKET	4	SL68761	DRA N BACK TUBE (360)	12	QS200M28H	CLAMP
1	M2121	HARNESS	6	69603	HOSE ASSY	12	REM38E	SPARK PLUG
1	SL1028-B	BALL-CHROME ALLOY	6	AN4062-1	PLUG, DEHYDRATOR	12	SL11485	TUBE, SHROUD (360)
1	SL19340	CAMSHAFT	6	LW-18959-175-25	CLAMP	12	SL12186	NUT
1	SL53E19600	VERNATHERM VALVE	6	MS13998-3	CAP	12	SL12892	THRUST BUTTON
1	SL61544	PLUNGER (360)	6	SL13790A	SHAFT,ROCKER	12	SL75061	ROD BOLT
1	SL71569-1	GASKET SET	6	SL13923A	BUSH NG, SPLIT SEAM	12	STD-1821	HOSE
1	SL73818	GASKET	6	SL16711A	BEARING	12	STD-1925	SCREW
1	SL-STD-1211	PLUG	6	SLR75906	GASKETS	24	SL383-B	NUT

-END-

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.

781 CR 715

Berryville, AR 72616

or FAX

PAP NO. 8333

WORK ORDER NO. 5463

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL OS40F1B5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats &

Valves Polish Ports. Paint.

Assemble complete & LK ck

JAW Lyc O/H Man.

SIGNATURE [Redacted] DATE 5-3-16

PAP NO. 8329

WORK ORDER NO. 3463

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL OS40F1B5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats &

Valves Polish Ports. Paint.

Assemble complete & LK ck

JAW Lyc O/H Man.

SIGNATURE [Redacted] DATE 5-3-16

License # [Redacted]

* Details of outside repair on reverse side.

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.

781 CR 715

Berryville, AR 72616

or FAX

PAP NO. 8328

WORK ORDER NO. 3463

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL OS40F1B5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats & valves

Polish PORTS. Paint. Assemble

Complete & LK CK JAW

Lyc O/H Man.

SIGNATURE [Redacted] DATE 5-3-16

License # [Redacted]

* Details of outside repair on reverse side.

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.

781 CR 715

Berryville, AR 72616

or FAX

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.
781 CR 715
Berryville, AR 72616

or FAX
[REDACTED]

PAP NO. 8331

WORK ORDER NO. 3463

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL D540FIB5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats &
Valves Polish Ports, Paint.

Assemble complete & LK CK

IAW Lyc OTH Man.

SIGNATURE [REDACTED] DATE 5-3-16

License # [REDACTED]

* Details of outside repair on reverse side.

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.
781 CR 715
Berryville, AR 72616

or FAX
[REDACTED]

PAP NO. 8332

WORK ORDER NO. 3463

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL D540FIB5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats &
Valves - Polish Ports, Paint.

Assemble complete & LK CK

IAW Lyc OTH Man.

SIGNATURE [REDACTED] DATE 5-3-16

License # [REDACTED]

* Details of outside repair on reverse side.

PERFORMANCE AIRCRAFT
POWERPLANTS Inc.
781 CR 715
Berryville, AR 72616

or FAX
[REDACTED]

PAP NO. 8330

WORK ORDER NO. 2963

DISPOSITION ☒ SERVICEABLE ☐ REPAIRABLE ☐ CONDEMNED

CUSTOMER Cane Helicopters

MAKE Lyc MODEL D540FIB5 UNIT NAME Complete

DESCRIPTION OF WORK Disassemble & Inspect

Home Guides, Ground Seats &
Valves Polish Ports, Paint

Assemble complete & LK CK

IAW Lyc OTH Man.

SIGNATURE [REDACTED] DATE 5-3-16

License # [REDACTED]

* Details of outside repair on reverse side.