

HELICOPTER LOG

REGISTRATION NO. _____

MODEL NO. _____

SERIAL NO. _____

MAINTENANCE RECORD

DATE	TACH TIME	TOTAL TIME	
11-8-15	1499	5,199	Remove tail rotor blades and have X-rayed and repaired end caps by Heliblade and painted. X-rayed by CTE.
11-27-15	"	"	Replace tail rotor blades and balance.
1-13-16			



Freedom Aviation
Hillsboro Municipal Airport



01-13-2016 N9422F

ACTT: 5203

HOBS: 1503

Installed MicroVibe II sensors and balanced tail and main rotor blades to below 0.2 IPS. Tracked main rotor blades in hover, 40kts, and 80kts and smoothed vibrations to below 0.2 IPS. Removed Vibe sensors and returned the aircraft to service. -END-

171A

N9422F SN 25-0162 Hobbs 1541.0; TTAF 5241 March 7, 2018

Performed ANNUAL inspection Ref Manufacturers MM, TCDS.

Removed panels as reqd. Lubed A/C Ref MM. ELT replaced with Artex 345 unit. W&B no change. ELT ops check IAW 91.207(d). OPS check OK.

Lubed control head, checked Brgs, removed lower drive shaft for testing, found defect. Replaced with shaft PN 269A5559-3 SN 400011. See 8130 for test info. Removed tail rotor blades, X ray testing showed only minor corrosion, approved for service, X ray films in logs.. Drained oil, removed filter. Replaced filter with 48110-1, filled with 8 qts Phillips XC 20W50. Compressions: (1) 62; (2) 65; (3) 64; (4) 63. ADs checked and CW as of this date, checked through AirResearch.com see AD report.

Cont'd

N9422F Cont'd March 28 2018

Torqued TR attach bolts, checked Oleo pressure- OK;

Pilot reports OPS check OK.

This aircraft has been inspected IAW an ANNUAL inspection and is approved for return to service.

Jimmie Kevin Alderman A&P/ IA

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HELICOPTER

REGISTRATION

MODEL NO.

SERIAL NO.

DATE

N9422F May 10, 2019 Hobbs: 1548.8 TTAF: 5248.8

1. All panels opened for inspection.
2. Inspected upper and lower idler pullies and bearings.
3. Inspected clutch cable.
4. Replaced BA-102 filter.
5. checked main and tail rotor gear box fluids.
6. Performed 25 and 50 hour lube per MM.

I certify that this aircraft has been inspected in accordance with a 100 Hour Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in the AD compliance report.

21 Victor Aircraft Maintenance, Inc.
Christopher A. Cox
A&P

N9422F May 10, 2019 Hobbs:1548.8 TTAF: 5248.8

I certify that this aircraft has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in AD Compliance Report.

Scott Gerken
&P/IA

Precision Avionics Specialists 219 SKY HARBOR WAY Griffin, GA 30224 PAOR-392K
LOG ID# 3306 10-May-2019
N9422F S/N 25-0162 HOFER 269B

Pg 1 / 1

CERTIFY TRANSPONDER/ENCODER TO COMPLY WITH FAR 43 & 91.413 APP.F.

MODEL: KT-76 S/N 24172

Scott Collins

Date

5-10-2019

N9422F May 15, 2019 Hobbs:1564.2 TTAF: 5264.2 New Hobbs: 0.0

Replaced hobbs due to old one quit working. Add 5264.2 to new hobbs for TT of aircraft.

Christopher A. Cox
A&P

HELICOPTER LOG

REGISTRATION NO. _____

MODEL NO. _____

Sparrow Inspections LLC

FAR91.413 The Transponder make King
Model RT76 and S/N 24172
I Certify the ATC Transponder has been tested and inspected
And found to comply with FAR 43 APP.F.
For details see W.O. 6581
Inspected by [REDACTED] Date 8-16-14
Sparrow Inspections LLC. FAA CRS XX9R919L
477 Norwood Rd. Mansfield, La. 71052 (318)286-1152

MAINTENANCE RECORD

N9422F 5/1/2015 1489 Hobbs. 5189 TT. All necessary panels opened for inspection. Aircraft lubricated as required by applicable maintenance manual. All Ads checked for compliance. See new AD compliance report prepared & added to aircraft maintenance records for details on AD compliance. ELT operationally tested in accordance with FAR 91.207(d). Transponder certified. See tag above. Installed new BA102 air filter. Installed new p/n 269A5050-092 cyclic rod end. Installed new p/n LWB-22-D6-22 TR retaining bolts. Change MRGB fluid & purge overrunning clutch. R&I TR gearbox & driveline & re-torque pinion nut. R&I MR shaft. Cleaned & repacked MR thrust bearing. Replaced cracked lower pulley brace (owner supplied used parts). Replaced clutch actuator cable p/n 269A583-9 & 269A5483-7 retainer. Installed new starter contactor.

I CERTIFY THAT I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH AN ANNUAL INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.

PATRICIA RAY BURCH

N9422F 9/1/2016 1511 Hobbs. 5211 TT. All necessary panels opened for inspection. Aircraft lubricated as required by applicable maintenance manual. All Ads checked for compliance. See new AD compliance report prepared & added to aircraft maintenance records for details on AD compliance. ELT operationally tested in accordance with FAR 91.207(d). Transponder certified. See tag above. Installed new BA102 air filter. Installed new p/n 269A5050-092 cyclic rod end. Installed new p/n LWB-22-D6-22 TR retaining bolts. Change MRGB fluid & purge overrunning clutch. R&I TR gearbox & driveline & re-torque pinion nut. R&I MR shaft. Cleaned & repacked MR thrust bearing. Replaced cracked lower pulley brace (owner supplied used parts). Replaced clutch actuator cable p/n 269A583-9 & 269A5483-7 retainer. Installed new starter contactor.

I CERTIFY THAT I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH AN ANNUAL INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.

PATRICIA RAY BURCH

HELICOPTER LOG

REGISTRATION NO. 9422F
 MODEL NO. 269B
 SERIAL NO. 25-0162

MAINTENANCE RECORD

DATE	TACH TIME	TOTAL TIME	
3-1-14	14695	Hobbs	Removed m/r blades for shipment.
	51695	T.T.	

N9422F 8/23/2014 1470 Hobbs. Removed damaged MR blade s/n 0147. Installed new p/n 269A1190 MR blade. MR system tracked and balanced. TR balanced. Installed overhauled electric fuel boost pump. Removed instrument cluster. Trouble shoot ammeter. Found no ammeter shunt in the system. Installed used shunt and reassembled panel. Removed dual tach for overhaul. Reinstalled after overhaul. Removed incorrect transponder tray and wiring. Installed used correct tray. Rewired transponder system and installed new AK-350 altitude encoder. Straightened bent Rt. landing gear brace. Installed new breaker switches for radio master and fuel boost pump. Removed longitudinal cyclic trim servo. Replaced damaged gears, missing parts and reinstalled. Installed new Skytec 149-12HT starter motor. Revised aircraft weight & balance document prepared and added to aircraft records. Replaced battery switch. Cleaned & tightened all power cables. Replaced collective balance spring. Installed new RG25XC Concorde battery. R&I throttle bellcrank.

-----CONTINUED-----

Installed with shim washers. Needs to be re-bushed. Lubed & adjusted collective controls. Adjusted throttle correlation.

Patricia R. Burch

N9422F 3/2/2015 1487 Hobbs. Removed com radio for repair. Reinstalled after repair. Cleaned pitot system. Replaced upper windshields. Replaced 1 navigation light. Removed frozen/corroded worn collective control rod. Replaced with used/serviceable unit. Replaced 1 defective blade damper with a used/serviceable unit. Phased all dampers. Tracked & balanced MR system. 25 HOUR INSPECTION. Drained, flushed & serviced TR gearbox.

Patricia R. Burch

HELICOPTER LOG

REGISTRATION NO. 9422F

MODEL NO. 289B

SERIAL NO. 25-0162

DATE	TACH TIME	TOTAL TIME	MAINTENANCE RECORD
6-2-13	1467.0 Hobbs 5167.0 T.T.		Removed fairings, Regreased upper, lower, and idler pulley brgs. Regreased M/R Thrust brg. Regreased M/R + T/R swashplate brgs. Inspected and regreased lwr. coupling driveshaft. Inspected and regreased T/R driveshaft splines. Inspected M/R and T/R blades. Inspected complete airframe. Installed fairings. Checked ELT operation. ELT batteries due June 2015. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition this date. See back of logs for recurring A.D. signoffs this date.
7-5-13	1468.2 Hobbs 5168.2 T.T.		Replaced low Aircraft battery with new G-35 battery. Ops. check good.
3-1-14	1469.5 Hobbs 5169.5 T.T.		Removed covers and fairings. Inspected belt drive, actuator and cable. Regreased lower coupling shaft. Greased T/R driveshaft fwd + aft fittings. Inspected and regreased M/R head. Inspected M/R blades. Inspected landing gear and center frame. Removed T/R blades for Xray. Blades Xrayed by TEI. Installed T/R Blades. Installed fairings and covers. Ops. check good. ~~I~~ ~~cert~~ Replaced inop. rotating beacon with strobe when P/N HRCFAS. Ops. check good. Replaced intermittent clutch actuator with overhauled actuator P/N DL1020 M81C SN 90471. Set belt tension. Ops. check good. I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition this date. See logs. For recurring A.D. signoffs this date.

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HELICOPTER LOG

REGISTRATION NO. 9422F

MODEL NO. 269B

SERIAL NO. 25-0162

MAINTENANCE RECORD

DATE	TACH TIME	TOTAL TIME	
10-13-09	1404.0 Hobbs 5104.0 T.T.		Installed new belt set 269A5512. Adjusted spring retainer. ops. check good. [REDACTED]
5-2-10	1417.0 Hobbs 5117.0 T.T.		Replaced insp. airspeed indicator with airspeed P/N 269A4600-5 Overhauled by Otto Instrument. ops. check good. [REDACTED]
11-3-10	1428.0 Hobbs 5128.0 T.T.		Removed fairings. Inspected upper, lower, and idler pulleys and brgs. Inspected clutch cable. Inspected and regreased m/R Head. Inspected T/R driveshaft, T/R blades, and T/R Transmission. Installed fairings. I certify this aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition this date. See back of logs for recurring A.D. signoffs this date. [REDACTED]
6-26-12	1444.0 Hobbs 5144.0 T.T.		Removed fairings. Regreased upper, lower, and idler pulley brgs. Regreased m/R thrust brg. Inspected m/R driveshaft. Regreased m/R Head. Inspected and regreased lower coupling shaft. Regreased T/R driveshaft splines. Checked upper pulley sprag clutch oil level. Checked main and tail transmission oil level. Installed fairings. I certify this aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition this date. See back of logs for recurring A.D. signoffs this date. [REDACTED]
12-16-12	1467.0 Hobbs 5167.0 T.T.		Removed fairings. Stripped paint. Masked off areas not needing paint. Repainted using NAPA automotive white. Added N number and placards. [REDACTED]

489 Hobbs
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HELICOPTER LOG

REGISTRATION NO. 9422F

MODEL NO. 269B

SERIAL NO. 25-0162

DATE	TACH TIME	TOTAL TIME	MAINTENANCE RECORD
7-9-09	1380.0	5080.0	Installed new M/R mast thrust brg. collar to accept 269A5050-73 brg. Installed ELT on cabin floor at 40° angle to flight. Installed serviceable L/G skids. Installed new cabin glass and trim. Installed new door glass. Relocated battery box to LH side of center frame from tailboom using serviceable battery box. Installed new tailboom saddle fitting PN 269A2324-13. Replaced cracked aft cluster fittings with serviceable fittings PN 269A2234-3 and 269A2235-3. Replaced TR retention strap with serviceable strap. Replaced TR driveshaft with serviceable driveshaft. Replaced M/R driveshaft, hub, and lifting eye with serviceable. Replaced M/R pitch cases with serviceable cases. Installed new horizontal stabilizer. Installed new aircraft battery, master relay, and start solenoid. Installed o/H starter. Installed serviceable L/C driveshaft. Installed serviceable idler pulley. Regreased all drive brgs. Balanced M/R + TR with Chadwick. Completed 1200 Hr. inspection of airframe per Hughes Inspection Checklist. See component sheet for installed life limited parts. I certify this aircraft has been inspected ~~and~~ an Annual inspection and was determined to be in airworthy condition at this time. [REDACTED] See AK logs for A/D compliance this date.

JET AIR, INC 

Date: 7/22/2009; Aircraft: N9422F; Type: Hughes; S/N: 25-0162; Tach: Hobbs: 1387.0 Work Order: SHI-09-9025

Installed o/h'd Kollsman altimeter 671K-03 S/N 256 supplied by Aircraft Quality Inst. CRS A2QR419L. Altimeter certification tag has been attached to logs.

I certify this aircraft static system has been tested and inspected I.A.W. FAR 43, appendix E paragraph (a) to an altitude of 1,000 ft AGL.

Aircraft Altitude Reporting System tested and inspected I.A.W. FAR 91.411 to an altitude of 20,000 feet MSL.

Aircraft transponder certified I.A.W. FAR 91.413.

Aircraft altimeter certified I.A.W. FAR 43 appendix E.

TXP MODEL: King KT-76 S/N: 24172 TSO: C74b

ENC MODEL: Narco AR-850 S/N: 121463 TSO: C88a

ALT MODEL: Kollsman 671K-03 S/N: 256 TSO: C10b

I certify that the above stated maintenance and /or inspection was performed in accordance with the current regulations of the Federal Aviation Administration

Signed, [REDACTED]

for Jet Air Inc. CRS # JAFR110F

HELICOPTER LOG

Engine

①

REGISTRATION NO. 9422F

MODEL NO. H10-360-A1A

SERIAL NO. L6138-51A

DATE	TACH TIME	TOTAL TIME TSO, Engine	MAINTENANCE RECORD
7-9-09	1380.0	15.0	Drained oil and refilled with 7qts. XC20W50 Phillips. Removed filter and cut open, no metal found. Installed new filter CH48110-1. Cleared suction oil strainer. Removed spark plugs, cleaned, tested, installed. Cleaned fuel injector nozzles. Inspected fuel strainer. Checked magneto timing. Installed new air filter. Installed OH exhaust by Dawley. Installed OH starter. Engine runup and leak check O.K. I certify this engine has been inspected IAW a 100 Hr. inspection and was determined to be in airworthy condition this date. [REDACTED]
11-3-10	1428.0	Hobbs	Compression check: ① $\frac{13}{80}$ ② $\frac{14}{80}$ ③ $\frac{14}{80}$ ④ $\frac{14}{80}$. Drained oil and refilled with 7qts. W65 Aeroshell oil.
	5128.0	T.T.	Removed filter and cut open, no metal found. Installed new filter CH48110-1. Cleared suction oil strainer. Cleaned, regapped, and tested spark plugs. Checked magneto timing. Cleaned engine and performed runup. O.K. I certify this engine has been inspected IAW a 100 Hr. inspection and was determined to be in airworthy condition this date. [REDACTED]
	63.0	Eng. T.S.O.	
6-26-12	1444.0	Hobbs	Compression check: ① $\frac{14}{80}$ ② $\frac{14}{80}$ ③ $\frac{15}{80}$ ④ $\frac{14}{80}$. Drained oil and refilled with 7qts. W100 Aeroshell. Removed filter and cut open, no metal found. Installed new filter CH48110-1. Cleared suction oil strainer. Cleaned and tested spark plugs. Inspected intake and exhaust. Checked mag. timing. Cleaned engine. Runup check O.K. I certify this engine has been inspected IAW a 100 Hr. inspection and was determined to be in airworthy condition this date. [REDACTED]
	5144.0	T.T.	
	79.0	Eng. T.S.O.	

HELICOPTER LOG

Engine

(2)

REGISTRATION NO. _____

MODEL NO. _____

SERIAL NO. _____

DATE	TACH TIME	TOTAL TIME	MAINTENANCE RECORD
6-2-13	1467.0 Hobbs 5167.0 T.T. 102.0 Eng. T.S.D.		Compression check: ① $72\frac{1}{80}$ ② $73\frac{1}{80}$ ③ $74\frac{1}{80}$ ④ $74\frac{1}{80}$ Removed Filter and cut open. No metal found. Installed new filter CH48110-1. Cleaned suction oil strainer. Inspected spark plugs. Inspected intake and exhaust. Checked magneto timing. I certify this engine has been inspected IAW a 100 Hr. Inspection and was determined to be in airworthy condition this date. [REDACTED]
3-1-14	1469.5 Hobbs 5169.5 T.T. 104.5 Eng. T.S.D.		Compression check: ① $74\frac{1}{80}$ ② $74\frac{1}{80}$ ③ $75\frac{1}{80}$ ④ $68\frac{1}{80}$. Drained oil and refilled with 7qts. Aeroshell w100. Removed Filter and cut open. No metal found. Installed new filter CH48110-1. Inspected and cleaned suction oil strainer. Inspected spark plugs. Inspected intake and exhaust. Checked magneto timing. Inspected throttle linkage. I certify this engine has been inspected IAW a 100 Hr. Inspection and was determined to be in airworthy condition this date. [REDACTED]

N9422F 8/23/2014 1487 Hobbs. Oil & filter changed. 8 Qts. Aeroshell 15W50 & CH48110 filter.

Patricia R. Burch

HELICOPTER LOG

Engine

6

REGISTRATION NO.

N9422F

MODEL NO.

AL NO.

DATE

N9422F 5/1/2015 1489 Hobbs. Spark plugs removed, cleaned as necessary, inspected, rotated top to bottom and reinstalled. Engine compression test results as follows:

1-66 2-72 3-65 4-71

Compression readings—cold, dry engine
Oil & filter changed. 8 qts. Aeroshell 15W50 installed & CH 48108-1 filter installed

Engine ground-run & leak checked. See airframe logbook & AD compliance report for AD compliance details.

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL (100 HR) INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.

PATRICIA RAY BURCH

9/1/2016 1511 Hobbs. 146.5 SMOH. Spark plugs removed, cleaned as necessary, inspected, rotated top to bottom and reinstalled. Engine compression test results as follows:

1-71 2-69 3-68 4-74

Compression readings—cold, dry engine
Oil & filter changed. 8 qts. Aeroshell 15W50 installed & CH 48108-1 filter installed

Engine ground-run & leak checked. See airframe logbook & AD compliance report for AD compliance details.

I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL (100 HR) INSPECTION & THAT IT IS IN AN AIRWORTHY CONDITION.

PATRICIA RAY BURCH

HELICOPTER LOG

REGISTRATION NO. _____

MODEL NO. _____

SERIAL NO. _____

DATE

~~N915MH~~ May 10, 2019

Hobbs: 1548.8

SMOH: 184.3

N9422F

1. Compressions as follows: 1-67/80 2-65/80 3-76/80 4-65/80 .

2. Drained oil and removed filter, no metal found. 7qts Phillips 15w50 and filter installed

3. Cleaned and rotated plugs.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in the AD compliance report.

21 Victor Aircraft Maintenance, Inc.
Christopher A. Cox

N9422F May 10, 2019 Hobbs: 1548.8 SMOH: 1495.25

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in AD Compliance Report.

Scott Gerken