

N5769X

1962 Cessna 320

LH Engine

Logbook

SMOH

1999 - 2023

Aircraft S/N: 320-0069



RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

DATE	DUR.
19	

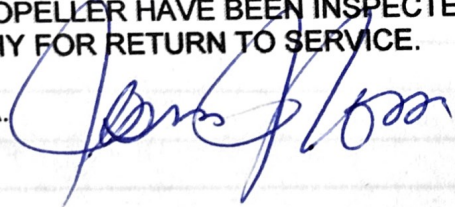
THIS ENGINE OVERHAULED I.A.W. T.C.M. OVERHAUL MANUAL NO. X-30033. C.W. APPLICABLE SERVICE BULLETINS THROUGH MSB99-3C. ENGINE ASSEMBLED USING ALL T.C.M. NEW GASKETS, SEALS, CTR. WT. PINS, PLATES, & RET. RINGS, BEARINGS, ROD BOLTS & NUTS, PISTON PINS AND LIFTERS. INSTALLED NEW TCM CYLINDER KIT ASSY'S P/N 654960A3. CRANKCASE OVHL CERTIFIED BY DIVCO, INC. (CRS DB2R762K) - SEE MAINTENANCE RELEASE DATED 12/30/97, W.O. 65630. CRANKSHAFT OVHL. (MAINS AND RODS GROUND M010) CERTIFIED BY AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) - SEE MAINTENANCE RELEASES DATED 01/19/95, W.O. 72672. COUNTER WEIGHTS OVHL., CONNECTING RODS OVHL., CAMSHAFT OVHL., AND ALL INTERNAL STEEL MAGNAFLUX INSPECTION, CERTIFIED BY AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) - SEE MAINTENANCE RELEASES DATED 1/5/95 & 1/19/95, W.O. 72637. REPLACED STARTER ADAPTER CLUTCH SPRING WITH NEW. INSTALLED OVERHAULED ROCKER ARMS - SEE AIRCRAFT SPECIALTIES SERVICES (CRS DD2R764K) MAINTENANCE RELEASE DATED 9/7/99, W.O. 106308. MAGNETOS DIS-ASSEMBLED FOR 500 HOUR INSPECTION, REPLACED POINTS & CONDENSORS WITH NEW. EXHAUST COMPONENTS REPLACED WITH NEW FAA/PMA PARTS: INBD STACK ASSY, OTBD STACK ASSY, INBD ELBOW (INCONEL), OTBD ELBOW (INCONEL), AND INBD. & OTBD SLIP JOINTS. EXHAUST COMPONENTS REPAIRED BY KNISLEY EXHAUST SYSTEMS, INC. (CRS NJ3R712L): 0850656-1 TAILPIPE, AND 0850655-54 HEADER - SEE MAINT. RELEASES DATED: 9/13/99, W.O. 95443. PROPELLER OVERHAULED BY NEW MEXICO AIRCRAFT PROPELLER (CRS N5PR141Y) - SEE MAINT. RELEASE DATED: 9-13-99, W.O. 1107, BLADES MODIFIED TO "MV" SERIES, **AD 97-18-02** NO LONGER APPLIES. CLEANED, INSPECTED, AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSTALLED NEW OIL FILTER, PRE-OILED AND SERVICED WITH 11 QTS. AEROSHELL 100 NON-DETERGENT. C.W. **AD 72-14-08 R1** FLEXIBLE HOSE ASSY. BY VISUAL INSPECTION - NO DEFECTS NOTED AT THIS TIME, NEXT DUE AT HOBBS: 1014.5. C.W. **AD 75-23-08 R5** EXHAUST SYSTEM INSPECTION, SEE ABOVE - NEXT DUE AT HOBBS: 1004.5. **AD 97-21-02** TO PREVENT PISTON PIN SIDE LOADING N/A CYLINDERS NOT PURCHASED DURING SPECIFIED PERIOD. **AD 98-01-08** EXHAUST ROLLER ROCKERS, N/A NOT INSTALLED. **AD 98-17-11** CRANKSHAFT FAILURE, N/A BY CRANKSHAFT OVHL. **AD 99-09-17** CRANKSHAFT FAILURE, N/A BY CRANKSHAFT OVHL. ENGINE RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAVE BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE.

STEVEN R. JOHNSON, A&P 585568445 I.A.

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9/15/99
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 Dear
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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				15 NOVEMBER 2000 HOBBS: 990.0 TSMOH: 35.5 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B 100 HR. INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-73, 2-65, 3-62, 4-64, 5-65, 6-70. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. CLEANED FUEL NOZZLES. INSPECTED ALL PLUMBING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1040.0 OR 12-15-00, WHICHEVER OCCURS LATER; PARA. (C) TAILPIPE INSPECTION DUE BY 9/04; C/W PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 11/01; PARA. (F) SEGMENTED CLAMPS, REPLACED ALL P/N MVC69370AP250, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL DUE BY AFTT: 6480.5. AD 99-19-01 CRANKSHAFT FAILURE, N/A BY CRANK MFG DATE. AD 2000-08-51 CRANKSHAFT FAILURE, N/A BY MANUFACTURE DATE. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE AND PROPELLER HAVE BEEN INSPECTED IAW WITH A 100 HR. INSPECTION AND HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.		
				JESUS J. TORRES, A&P 527477618 I.A. 		

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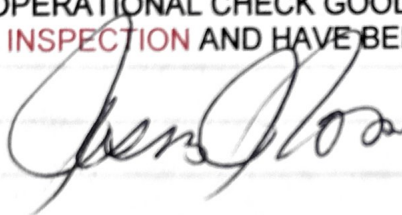
ENGINE LOG

DATE	DESCRIPTION	SIGNATURE	TAX	LICENSE NUMBER
19 28 APRIL 2004	HOBBS: 1084.7 TSMOH: 130.2 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B			
	100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. DRAINED OIL, CLEANED OIL FILTER AND SERVICED W/ 1 QT AEROSHELL W100, SERVICED ENGINE WITH 12-QTS AEROSHELL W100 OIL. COMPRESSION: 1-72, 2-74, 3-76, 4-75, 5-72, 6-71. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. REPLACED ALTERNATOR BELT W/ NEW BELT. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1134.7 OR 05-28-04, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 4/2005; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 4/05; PARA. (F) SEGMENTED CLAMPS, REPLACED ALL P/N MVC69370AP250, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL L/ENG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.	<i>Kevin Fredekind</i>		
	KEVIN FREDEKIND A&P 585236252 I.A.			

28 APRIL 2004	HOBBS: 1084.7 TSMOH: 130.2 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B			
	REPLACED ENGINE OIL COOLER WITH P/N: 652759, S/N: DRK103835 OVERHAULED BY DRAKE AIR, INC. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.			
	KEVIN FREDEKIND A&P 585236252 <i>Kevin Fredekind</i>			

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				<p>15 JUNE 2005 HOBBS: 1123.9 TSMOH: 169.4 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B</p> <p>100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-77, 2-78, 3-76, 4-77, 5-72, 6-77. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING FOR CONDITION, SECURITY, AND CLEARANCE AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1173.9 OR 7-15-04, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 6-2006; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 6-06; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL L/ENG. DUE BY AFTT: 6480.5, R/ENG. DUE BY AFTT: 6212.0. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.</p> <p>JESUS J TORRES AP 527477618 IA </p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 April 27, 2006	HOBBS 1143.9			Oil change this date Drained oil and replaced filter, serviced w/ 11 qts AIS 100 Run @ for leak check Alex Torres A&P 2772703		

1 JULY 2006 HOBBS: 1168.8 TSMOH: 214.3 TOTAL 3180.2
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-72, 2-63, 3-74, 4-70, 5-64, 6-64. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. INSTALLED OVERHAULED FUEL MANIFOLD PN# 631427-1. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1218.8 OR 8-1-06, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 7-2007; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 7-07; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL L/ENG. DUE BY AFTT: 6480.5, R/ENG. DUE BY AFTT: 6212.0. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAVE BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.

STEVEN R. JOHNSON A&P 585568445 IA

CARRY ACCUMULATED TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						

26 FEBRUARY 2007 HOBBS READS 1207.0
 N5769X L/H ENGINE TCM TSIO-470-B sn# 99282-1-B

DRAINED ENGINE OIL REMOVED AND REPLACED OIL FILTER. REMOVED AND REPLACED OIL FILTER HOSES AND WASTEGATE ACTUATOR HOSE. SERVICED WITH 12 QUARTS OF AEROSHELL 100. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON, A&P 585568445 

6 SEPTEMBER 2007 HOBBS: 1207.0 TSMOH: 252.5 TOTAL 3218.4
 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-70, 2-60, 3-70, 4-60, 5-60, 6-60. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. **AD 2000-01-16**, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1257.0 OR 9-2008, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 9-2008; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 9-2008; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVHL L/ENG. DUE BY AFTT: 6480.5, R/ENG. DUE BY AFTT: 6212.0. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN **ANNUAL INSPECTION** AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.

STEVEN R. JOHNSON A&P 585568445 IA 

TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE

DL

22 JULY 2008 HOBBS READS 1215.9
N5769X L/H ENGINE

ADJUSTMENTS

SIGNATURE

LICENSE
NUMBER

INSTALLED CUSTOMER FURNISHED SERVICEABLE TURBOCHARGER MODEL# T1106 PN# 629844-1 SN# FBR 0110. INSTALLED OVERHAULED TACH GENERATOR PN# 0850350-5RX SN# 6295. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON A&P 585568445 IA



21 NOVEMBER 2008 HOBBS: 1225.8 TSMOH: 271.3 TOTAL 3237.2
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

100 HR/ANNUAL INSPECTION PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX D. COMPRESSION: 1-70, 2-62, 3-75, 4-70, 5-70, 6-61. DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 100W. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1275.8 OR 11-2009, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 11-2009; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 11-2009; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVERHAUL L/ENG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.

STEVEN R. JOHNSON A&P 585568445 IA



CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

NO-A2XF-9 (15) 4-1932 8433-4, 871746, A41151

PROPELLER INSPECTION & REPAIRS

INSPECTION

REPAIRS

DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
6-12-85	68-194	Due at FAH 312.50 T.T. 3176.90		Log Record	AIP 1179257 W/1444

17 DECEMBER 2009 HOBBS: 1298.6 TSMOH: 354.0 TOTAL 3319.1
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

100 HR/ANN65, 5-73, 6-62. DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 80W. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. REPLACED ALTERNATOR WITH SERVICABLE P/N AL-8520. AD 2000-01-16, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1398.6 OR 12-2010, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2010 PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 12-2010; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVERHAUL L/ENG. DUE BY AFTT: 6480.5. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE I/AW/ ALL WORK PERFORMED.

GILBERT B. ARAGON CRS#J7BR555Y W/O 5406.

G.B. Aragon

PROPELLER INSPECTION & REPAIRS

INSPECTION

REPAIRS

DATE INS

19 DECEMBER 2009 HOBBS: 1298.6 TSMOH: 354.0 TOTAL 3319.1
 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

Replaced exhaust valve and guide on #2 cylinder IAW TCM maintenance manual and aircraft maintenance manual. Run up for operational and leak checks was good. This engine is approved for return to service with respect to the above work performed.

Stuart Miles



CRS#J7BR555Y W/O 5406.

5 MARCH 2010 HOBBS: 1303.4
 N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

INSTALLED NEW OIL TEMPERATURE BULB. REPLACED DIAPHRAM IN THE FUEL MANIFOLD. LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON CRS# J7BR555Y
 BODE AVIATION WO# 5466

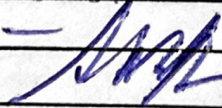


7/8/10

HM

1341.3

Reinstalled engine driven fuel pump after overhaul. See Acft Carb & Fueling 8/30 Dated 7/6/10. Ground run-up for leak & operational check good. -END-



NIP 585568445

PROPELLER INSPECTION & REPAIRS

INSPECTION

REPAIRS

DATE

24 JULY 2010 HOBBS: 1347.2
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 12 QTS. OF AEROSHELL 100W. CLEANED FUEL INJECTORS AND INSTALLED NEW O'RINGS. LEAK CHECKED GOOD. COMPLIED WITH AD 2000-01-16, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1397.2 OR 7-2011. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON A&P 585568445 

16 SEPTEMBER 2010 HOBBS: 1387.2
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

CW 500 HOUR MAG INSPECTION IAW TCM SERVICE MANUAL. REPLACED ALL POINTS, DISTRIBUTOR BLOCK AND OIL SEAL IN RIGHT MAG, AND DISTRIBUTOR GEAR IN LEFT MAG. REMOVED FUEL PUMP FOR WARRANTY REPAIR AND REINSTALLED. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

JESUS TORRES AP527477618 

10 NOVEMBER 2010 HOBBS: 1399.1 TSMOH: 454.5 TOTAL 3419.6
N5769X #1 ENGINE TCM TSIO-470-B S/N 99282-1-B

BODE AVIATION, INC
CRS J7BR555Y

Replaced starter adapter with overhauled P/N 635050A4 S/N 09-415. Operational check good. Leak check good. This engine is approved for return to service with respect to the above work performed.

Stuart P. Miles 

CRS J7BR555Y WO 5915

PROPELLER INSPECTION & REPAIRS

INSPECTION

REPAIRS

DATE INS

24 DECEMBER 2010 HOBBS: 1412.0 TSMOH: 467.4 TOTAL 3432.5
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

100 HOUR/ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH FAR 43 APPENDIX D, USING CESSNA MODEL 320 INSPECTION CHECKLIST AS A GUIDE. COMPRESSION AS FOLLOWS: 1-70/80, 2-72/80, 3-76/80, 4-71/80, 5-65/80, 6-62/80. DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 80W. INSPECTED MAGNETOS AND CHECKED TIMING. CLEANED, INSPECTED AND RE-GAPPED SPARK PLUGS. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. **AD 2000-01-16**, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1462.0 OR 12-2011, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 12-2011; PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1490.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 12-2011; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1490.0; PARA. (G) EXHAUST SYSTEM OVERHAUL DUE BY AFTT: 6480.5. **AD 2009-19-07 C2** TO PREVENT LOSS OF ENGINE POWER N/A BY MANUFACTURE DATE. **AD 2010-11-04** TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR N/A BY OVERHAUL DATE. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN **ANNUAL INSPECTION** AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.

STEVEN R. JOHNSON A&P 585568445 IA WO#5965. 

10 Feb 2011 Hobbs 1478.6 Started new engine log.

YEA
20
DAT

10 FEBRUARY 2011 HOBBS: 1418.6 TSMOH: 494.0
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

REPLACED ALL ENGINE FLUID CARRYING HOSES, SUPPLIED BY VARGA ENTERPRISES SEE WO# 25698. REINSTALLED L/H OUTBOARD EXHAUST ELBOW AFTER REPAIRING SHEETMETAL AT ELBOW SUPPORT BRACKET. INSTALLED NEW EXHAUST SEGMENTED "V" CLAMPS PN# B38C37 FOR 500 HOUR TIME CHANGE, REINSTALLED THROTTLE/MIXTURE CONTROL PN# 629904-6 AFTER OVERHAUL, SEE AIRCRAFT CARBURETOR AND INJECTION SERVICE WO#3278. RIGGED ENGINE CONTROLS IAW CESSNA MAINTENANCE MANUAL. ADJUSTED IDLE MIXTURE AND SET IDLE RPM. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.. THIS ENGINE APPROVED FOR RETURN TO SERVICE.

STEVEN R. JOHNSON A&P 585568445 WO#5986



1 JUNE 2011 HOBBS: 1435.6
N5769X CESSNA 320 S/N 320-0069
LEFT ENGINE TSIO-470-B SN# 99282-1-B

INSTALLED OVERHAULED STARTER. PART NUMBER MHJ-4003S SN# H-K121866. INSTALLED NEW R/H MAGNETO NOISE FILTER. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

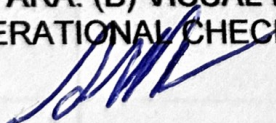
STEVEN R. JOHNSON &P 585568445
BODE AVIATION WO# 4923



6 OCTOBER 2011 HOBBS: 1459.0
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 10 QTS. OF AEROSHELL 100W. COMPLIED WITH AD 2000-01-16, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1509.0 OR 10-2012. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON A&P 585568445



YEAR 20 AUGUST 28, 2012 HOBBS: 1469.5 TSMOH: 467.4 TOTAL 3490.0
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

DATE 100 HOUR/ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH FAR 43 APPENDIX D, USING CESSNA MODEL 320 INSPECTION CHECKLIST AS A GUIDE. COMPRESSION AS FOLLOWS: 1-70/80, 2-75/80, 3-73/80, 4-71/80, 5-74/80, 6-70/80. CLEANED FUEL SCREENS. CLEANED INDUCTION AIR FILTER. INSPECTED ALL PLUMBING AND WIRING FOR CONDITION, SECURITY, AND CLEARANCE. **AD 2000-01-16**, STATUS IS AS FOLLOWS: C/W PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1519.2 OR 9-28-2012, WHICHEVER OCCURS LATER; C/W PARA. (C) TAILPIPE INSPECTION, NEXT DUE BY 8-2013; C/W PARA. (D) ENGINE BEAM & FIREWALL INSPECTION, NEXT DUE BY HOBBS: 1969.5 OR AFTT 4892.0; C/W PARA. (E) EXHAUST PRESSURE CHECK, NEXT DUE BY 8-2013; PARA. (F) SEGMENTED CLAMPS, NEXT DUE HOBBS: 1918.6; PARA. (G) EXHAUST SYSTEM OVERHAUL DUE BY AFTT: 6480.5. **AD 2009-19-07 C2** TO PREVENT LOSS OF ENGINE POWER N/A BY MANUFACTURE DATE. **AD 2010-11-04** TO PREVENT EXCESSIVE HYDRAULIC LIFTER WEAR N/A BY OVERHAUL DATE. **AD 2012-03-06 C** TO PREVENT AN IN FLIGHT ENGINE SHUTDOWN, N/A NOT EQUIPPED. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW WITH AN **ANNUAL INSPECTION** AND HAS BEEN DETERMINED AIRWORTHY FOR RETURN TO SERVICE.

STEVEN JOHNSON CRS#J7BR555Y WO# 6374 

27 NOVEMBER 2012 HOBBS: 1495.7 TSO 493.6
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 11 QTS. OF AEROSHELL 80W. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

STEVEN R. JOHNSON A&P 585568445 

JUNE 5, 2013 HOBBS: 1519.4
N5769X L/H ENGINE TCM TSIO-470-B S/N 99282-1-B

DRAINED ENGINE OIL, REMOVED AND REPLACED OIL FILTER. SERVICED WITH 11 QTS. OF AEROSHELL 100W. COMPLIED WITH **AD 2000-01-16**, IAW PARA. (B) VISUAL INSPECTION, NEXT DUE BY HOBBS: 1569.4 OR 6-2014. GROUND RUN-UP FOR LEAK AND OPERATIONAL CHECK GOOD.

TIMOTHY BOURGOINE A&P 3178231 

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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October 19, 2013 Hobbs: 1566.9 TSMOH: 564.8 Total: 3587.4
 N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

Bode Aviation INC
 CRS J7BR555Y

100 hour/Annual inspection completed in accordance with far 43 appendix d, using Cessna model 320 inspection checklist as a guide. Compressions as follows: 1-72/80, 2-74/80, 3-71/80, 4-74/80, 5-75/80, 6-74/80. Inspected magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. **AD 2000-01-16**, status is as follows: C/W para. (b) visual inspection, next due by hobbs: 1616.9 or 10-2014, whichever occurs later; C/W para. (c) tailpipe inspection, next due by 10-2014; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; c/w para. (e) exhaust pressure check, next due by 10/2014; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Ground run-up for leak and operational check. I certify that this engine has been inspected IAW with an **Annual** Inspection and has been determined airworthy for return to service.

Timothy Bourgoine A&P 3178231 IA  CRS J7BR555Y WO 6893

July 25, 2014 Hobbs: 1604.1 TSMOH: 602.0 Total: 3624.6
 N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

Bode Aviation INC
 CRS J7BR555Y

Drained oil replaced oil filter with new and filled with 12 quarts Aeroshell w100. **AD 2000-01-16** status is as follows: C/W para. (b) visual inspection, next due by Hobbs: 1704.1 or 7/25/15, whichever occurs later; para. (c) tailpipe inspection, next due by 10-2014; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; C/W para. (e) exhaust pressure check, next due by 10/2014; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Ground run-up for leak and operational check. This aircraft is approved for return to service with respect to the above work performed.

Chris Whitaker CRS J7BR555Y 

WO 7133

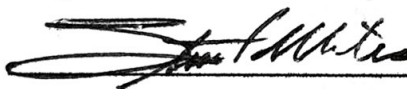
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Nov 01, 2014 Hobbs: 1629.7 TSMOH: 627.6 Total: 3650.2
 N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

Bode Aviation INC
 CRS J7BR555Y

100 hour/Annual inspection completed in accordance with far 43 appendix D, using Cessna model 320 inspection checklist as a guide. Compressions as follows: 1-65/80, 2-60/80, 3-74/80, 4-52/80, 5-60/80, 6-52/80. Changed oil and oil filter with Aeroshell 100w, and CH48104-1 filter. Inspected magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. **AD 2000-01-16**, status is as follows: C/W para. (b) visual inspection, next due by hobbs: 1676.9 or 10-2015, whichever occurs later; C/W para. (c) tailpipe inspection, next due by 10-2015; para. (d) engine beam & firewall inspection, next due by hobbs: 2019.5; c/w para. (e) exhaust pressure check, next due by 10/2015; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Replaced # 6 cylinder spark plug with new P/N RHB32E. Ground run-up for leak and operational check. I certify that this engine has been inspected IAW with an **Annual** Inspection and has been determined to be in an airworthy condition and return to service with regard to the above work performed.

Stuart Miles A&P 585393595 IA



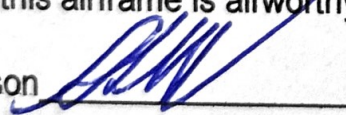
CRS J7BR555Y WO 7212

Bode Aviation, Inc. 2502 Clark Carr Loop SE Albuquerque, NM 87106
 25 June 2015 N5769X Cessna 320 S/N: 320-0069 Hobbs 1651.4
 Left engine TCM TSIO-470-B S/N 99282-1-B



Cleaned all fuel injectors. Ground run-up for leak and operational check good.
 I certify that this airframe is airworthy for return to service with regard to the above work performed.

Steve Johnson



A&P 3694031


WO# 7413

YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**September 16, 2015 N5769X C320 Hobbs: 1683.6
LEFT ENGINE**

1. Ultrasonically cleaned injector, cleaned and gapped spark plugs on #5 cylinder.
2. Post maintenance turn performed satisfactory.
3. All readings on engine monitor were normal.

**Aero Services of Winchester, Inc.
615 Airport Road Suite 107
Winchester, VA 22602
540-665-0193**


P. Daniel Poston A&P3494031

Nov 20, 2015 Hobbs: 1701.2 TSMOH: 699.1 Total: 3721.7
N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

**Bode Aviation INC
CRS J7BR555Y**

100 hour/Annual inspection completed in accordance with far 43 appendix D, using Cessna model 320 inspection checklist as a guide. Compressions as follows: 1-65/80, 2-60/80, 3-75/80, 4-50/80, 5-55/80, 6-60/80. Drained oil, and replaced oil filter. Filled with Aeroshell 100w, and CH48104-1 filter. Checked magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. **AD 2000-01-16**, status is as follows: C/W para. (b) visual inspection, next due by Hobbs: 1679.7 or 11-2016, whichever occurs later; C/W para. (b) visual inspection, next due by Hobbs: 1751.2 or 11-2016, whichever occurs later; C/W para. (c) tailpipe inspection, next due by 11-2016; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; C/W para. (e) exhaust pressure check, next due by 11/2016; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Replaced # 6 cylinder spark plug with new P/N RHB32E. Ground run-up for leak and operational check. I certify that this engine has been inspected IAW with an **Annual** Inspection and has been determined to be in an airworthy condition and return to service with respect to the above work performed.

Stuart Miles A&P 585393595 IA



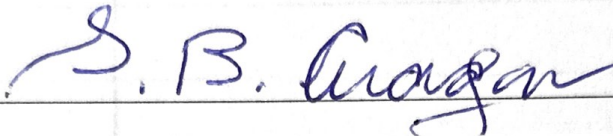
WO 7558

February 01, 2017 HOBBS: 1765.4 ACTT: 4689.9 TSMOH: 765.3 ETT: 3787.9
N5769X CESSNA 320 SER# 320-0069 ENGI. #1 TCM TSIO-470-B S/N 99282-1-B

BODE AVIATION INC

20
DATE
C/W TOP O.H. STEEL CYLINDER'S P/N 658184, S/N 106465-1, 106465-3, 106465-5, 104669-7, 104669-9, 104669-11. 6EA. NEW PISTONS P/N 655988-NS, SUPERIOR PISTON RING'S SET P/N "ST106". EXHAUST VALVE P/N AEC637781. ROCKER SHAFT KIT P/N M92-7. ASSEMBLED AND INSTALLED WITH NEW GASKETS AND "O" RINGS. GROUND RUN OP'S AND LEAK CHECK GOOD. THIS ENGINE HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE ABOVE WORK PERFORMED.

GILBERT B. ARAGON A&P 1835643 IA



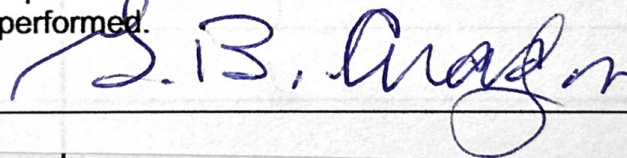
WO# 7807

February 02, 2017 Hobbs: 1765.4 TSMOH: 765.3 Total: 3787.9
N5769X L/H engine TCM TSIO-470-B S/N 99282-1-B

Bode Aviation INC

100 hour/Annual inspection completed in accordance with far 43 appendix D, using Cessna model 320 inspection checklist as a guide. Drained oil, and replaced oil filter P/N CH48104-1, serviced with 10 Qts Aeroshell Mineral oil W100. Checked magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. AD 2000-01-16, status is as follows: C/W para. (b) visual inspection, next due by Hobbs: 1865.4 or 12-2017, whichever occurs later; C/W para. (b) visual inspection, next due by Hobbs: 1865.4 or 02-2018, whichever occurs later; C/W para. (c) tailpipe inspection, next due by 12-2017; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; C/W para. (e) exhaust pressure check, next due by 02/2018; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/eng. Due by AFTT: 6480.5, R/eng. Due by AFTT: 6212.0. Ground run-up for leak and operational check. I certify that this engine has been inspected IAW with an Annual Inspection and has been determined to be in an airworthy condition and return to service with respect to the above work performed.

Gilbert B. Aragon A&P 1835643 IA



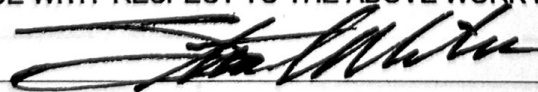
WO 7807

May 6, 2017 HOBBS: 1786.3 ACTT: 4710.8 TSMOH: 786.2 ETT: 3808.8
N5769X CESSNA 320 SER# 320-0069 ENGI. #1 TCM TSIO-470-B S/N 99282-1-B

BODE AVIATION INC
DOUBLE EAGLE II AIRPORT

INSTALLED GAMI INJECTOR KIT ON THIS ENGINE IAW STC SE09289SC. PERFORMED GROUND RUN FOR OPS AND LEAK CHECKS. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE ABOVE WORK PERFORMED.

STUART MILES A&P 585393595



WO# 7962

YEAR
20
DATE

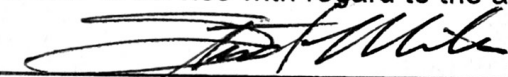
October 04, 2019 Hobbs: 1811.3 TSMOH: 809.2 Total: 3831.8
N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

Bode Aviation INC
CRS J7BR555Y

S

100 hour/Annual inspection completed in accordance with far 43 appendix D, using Cessna model 320 inspection checklist as a guide. Compressions as follows: 1-65/80, 2-60/80, 3-74/80, 4-52/80, 5-60/80, 6-52/80. Changed oil and oil filter with Aeroshell 100w, and CH48104-1 filter. Inspected magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. **AD 81-09-09** Stewart Warner heater pressure decay test - next due 1911.3. **CW AD 72-14-08 R1** flexible hose assy. inspection no defects noted, next due Hobbs: 1911.3. **AD 2000-01-16** status is as follows: **CW** para. (b) visual inspection, next due by Hobbs: 1911.3 or 10-2020, whichever occurs later; **CW** para. (c) tailpipe inspection, next due by 10-2020; para. (d) engine beam & firewall inspection, next due by hobbs: 1969.5; **CW** para. (e) exhaust pressure check, next due by 10/2020; para. (f) segmented clamps, next due hobbs: 1918.6; para. (g) exhaust system OH L/ENG. due by AFTT: 6480.5, R/ENG. Due by AFTT: 6212.0. Replaced 6 spark plugs with new P/N RHB32E. Ground run-up for leak and operational check. I certify that this engine has been inspected IAW with an **Annual** Inspection and has been determined to be in an airworthy condition and return to service with regard to the above work performed.

Stuart Miles A&P 585393595 IA



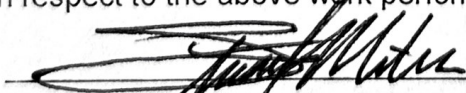
WO 8286

November 22, 2021 Hobbs: 1811.3 TSMOH: 809.2 Total: 3831.8
N5769X L/H engine TCM TSIO-470-B s/n 99282-1-B

Bode Aviation INC
KAEG

Annual inspection completed in accordance with far 43 appendix D inspection checklist as a guide. Compressions as follows: 1-56/80, 2-53/80, 3-70/80, 4-70/80, 5-75/80, 6-65/80. Changed oil and oil filter with Aeroshell 100w, and CH48104-1 filter. Inspected magneto timing. Cleaned, inspected and re-gapped spark plugs. Cleaned fuel screens. Cleaned induction air filter. Inspected all plumbing and wiring for condition, security, and clearance. **AD 2017-06-03** Stewart Warner heater pressure decay test - next due 1911.3. **CW AD 72-14-08 R1** flexible hose assy. inspection no defects noted, next due Hobbs: 1911.3. **AD 2000-01-16** status is as follows: **CW** para. (b) visual inspection, next due by Hobbs: 1911.3 or 11-2022, whichever occurs later; **CW** para. (c) tailpipe inspection, next due by 11-2022; para. (d) engine beam & firewall inspection, next due by Hobbs: 1969.5; **CW** para. (e) exhaust pressure check, next due by 11/2022; para. (f) segmented clamps, next due Hobbs: 1918.6; para. (g) exhaust system OH L/ENG. due by AFTT: 6480.5, R/ENG. Due by AFTT: 6212.0. Performed ground run-up for leak and operational checks. This engine has been inspected IAW with an **Annual** Inspection and has been determined to be in an airworthy condition and is approved for return to service with respect to the above work performed.

Stuart Miles A&P 585393595 IA



WO 9325

