

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

MAINT

PRECISION AVIATION SERVICES 500 AVIATION WAY, HANGAR B5, PEACHTREE CITY, GA 30269 G3SR222J

W/O#: 7200150 May 23, 2016 Tail No: N87RY Serial No: E-2917

Aircraft

ENGINE,
SINGLE

A/C Hobbs: 516.6

Page 1 of 2

Reg#

DATE

1235

o ** GAINED ACCESS AND REMOVED QTY (6) CYLINDERS PN#SA52006A23P SERIAL#'S CYLINDER (1)A52-37272 / (2)A52-37388 / (3)A52-37389 / (4)A52-40408 / (5)A52-37265 / (6)A52-37227 AND DEFECTIVE INSTALLED QTY (6) CUSTOMER SUPPLIED SUPERIOR AIR PARTS PN# SA52006A23P CYLINDERS SERIAL#'S (1)D-11564 / (2)D-11724 / (3)D-11552 / (4)D-11912 / (5)D-11795 / (6)D-11833 (SEE 8130-3 DATED: 4/21/2016 TRACKING NUMBER #515307) WITH QTY (12) NEW CHAMPION RHB32E 1/A/W CONTINENTAL IO-550 PERMOLD SERIES MM AND OVERHAUL MANUAL DATED 9/1/2014. SECTION 17-3.3. THRU 17-3.6.1.** REMOVED RIGHT MUFFLER PN#A701-5 SN# N/A, EXHAUST STACK ASSY PN#35-950005-1A, LH MUFFLER PN#701-04, LEFT TAILPIPE ASSY PN# 35-950005-11 REMOVED (2) FAULTY INTAKE DUCT PN#115167CXZ060585 SN#N/A, (2) DUCT PN#36-380098-1 SN# N/A, DUCT PN#115167DXX120843 SN# N/A ** INSTALLED USING NEW (3)X NO-BLOW EXHAUST GASKETS PN#652458, (12)X EXHAUST NUTS PN#MS2050-428, (2) CLAMP KITS PN#CK200, 2" CEET DUCTING PN#05-30508 WITH NEW AEROSPACE WELDING RIGHT MUFFLER PN#A701-5 SN# N/A (SEE 8130-3 DATED: 12/03/2015 TRACKING NUMBER #15120352D), KNISLEY WELDING LEFT EXHAUST STACK ASSY PN#K35-950005-1A SN#250674 (SEE 8130-3 DATED: 5/4/2016 TRACKING # 05042016-8), KNISLEY WELDING LH MUFFLER PN#K701-04 SN#248133 (SEE 8130-3 DATED: 11/24/2015 TRACKING NUMBER #11242015-10), KNISLEY WELDING LEFT TAIL PIPE ASSY PN#K35-950005-11 SN#251057 (SEE 8130-3 DATED: 4/13/2016 TRACKING NUMBER #04132016-16) INSTALLED (2)X BEECHCRAFT INTAKE DUCT PN#115167CXZ060585 SN#N/A (SEE 8130-3 DATED: 10/02/2015 TRACKING # 0071767205-00001), (2)X BEECHCRAFT DUCT PN#36-380098-1 SN# N/A (SEE 8130-3 DATED: 12/29/2014 TRACKING # 0071452058-00001), (1X) TEXTRON AVIATION DUCT PN#115167DXX120843 SN# N/A (SEE 8130-3 DATED: 5/09/2016 TRACKING# 5073675) 1/A/W CONTINENTAL IO-550 SERIES MM. SECTION 17 AND BEECHCRAFT A36 MM.** DRAINED ENGINE OIL, REMOVED OIL FILTER AND CUT OPEN NO FOD NOTED, INSTALLED NEW CH48108 FILTER WITH 10 QTS PHILLIPS 66 20W50M OIL.

MAINTENANCE RELEASE/RETURN TO SERVICE CRS# G3SR222J. THE AIRCRAFT, AIRFRAME, ENGINE, OR APPLIANCE IDENTIFIED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE

Page 1 of 2

AUTHORIZED SIGNATURE

DATE

5/23/2016

Page 2 of 2

Page 3

INSTRUMENT, STATIC AND
AVIONICS CHECKS

SERVICE BULLETIN/
SERVICE INSTRUCTION

AIRWORTHINESS
DIRECTIVE LOG

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

MA	Engine Log Book Entry, by Yingling Aviation for: N87RY Beech A36, S/N E2917		
Ai	Teledyne Continental IO-550-B(29), S/N 675936		
Re	Completed an engine oil change . Removed, cut open and inspected oil filter. No abnormal wear noted. Installed new filter, P/N CH48108-1, and serviced engine with PHILLIPS XC 20W50 oil. Ground ran aircraft. Operational and leak check good. Work performed IAW the Beechcraft A36 Maintenance Manual, Rev. C9 dated January 1, 2016.		
DA	I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.		
	Completed By Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y Phone 31 [REDACTED] Signature: [REDACTED] Brian McBride	Date Completed Work Order # Hobbs Hours	06-07-2016 SVC18344 538.8

Engine Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	TOTAL HOURS: 3082.1	HOBBS: 548.3
	ENG S/N: 675936	TSMOH: 1267.1		
Performed the following maintenance: *Removed six Continental fuel injectors and installed 6 GAMI fuel injectors PN's as follows: #1 PN GA168 #2 PN GA168 #3 PN GM151 #4 PN GM151 #5 PN GF143 #5 PN GF143 Fuel Injector Kit PN GAD13AA SN 25673 was installed IAW STC # SE09217SC, per GAMI Installation procedure # IP-96-001 Rev 005 dated Oct 11, 2002. Flight Manual Supplement was inserted into aircraft flight manual. Ref FAA Form 337 Dated 6/23/2016. I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			A & P #: [REDACTED]	
Signature: [REDACTED]			Date: 6/23/2016	

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

 Hunter Aviation & Consulting LLC	Aircraft Log Book Entry			
	N#: 87RY	S/N: E-2917	Total Hours: 3102.4	HOBBS: 568.5
	ENG S/N: 675936	TSMOH: 1286.5		
Performed the following maintenance: *Changed oil with 12 Qts of Phillips 20W-50 and Installed new Filter PN CH48108-1. *Research AD 2014-05-29. Found AD NA to this engine IAW Cylinder PN's that are now installed. This AD in no longer required to be performed.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 7/19/2016	

 Hunter Aviation & Consulting LLC	Aircraft Log Book Entry			
	N#: 87RY	S/N: E-2917	Total Hours: 3137.4	HOBBS: 603.6
	ENG S/N: 675936	TSMOH: 1321.5		
Performed the following maintenance: *Changed Oil with 12 QTS of Phillips 20W-50 and Installed New Filter PN CH4810801. *Researched AD 2016-16-12. This is NA per the Type of Cylinders that are installed. *C/W 100 Hour Inspection of Engine Magnetos.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 11/30/2016	

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

 Hunter Aviation & Consulting LLC	Aircraft Log Book Entry			
	N#: 87RY	S/N: E-2917	Total Hours: 3142.6	HOBBS: 608.8
ENG S/N: 675936	TSMOH: 1326.7			
Performed the following maintenance: *Performed a 100 Hour/Annual Inspection of Engine Serial Number 675936. *Cleaned, Inspected, Gapped, Rotated, and Reinstalled Spark Plugs. *Performed Magneto Timing. 22 BTDC *Performed Compression Check: #1 65, #2 73, #3 65, #4 74, #5 75, #6 72.				
I certify that this aircraft/engine/component has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 1/15/2017	

 Hunter Aviation & Consulting LLC	Aircraft Log Book Entry			
	N#: 87RY	S/N: E-2917	Total Hours: 3161.7	HOBBS: 627.9
ENG S/N: 675936	TSMOH: 1346.7			
Performed the following maintenance: *Changed Oil with 12 QTS of Phillips 20W-50 and Installed New Filter PN CH48109-1 *SOAP Sample taken at this time. *Cut open filter and inspected. No abnormal wear noted.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 3/27/2017	

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

Aircraft Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	Total Hours: 3196.8	HOBBS: 655.1
	ENG S/N: 675936	TSMOH: 1381.8		
Performed the following maintenance: *Changed Oil with 12 QTS of Phillips 20W-50 and Installed New Filter PN CH48109-1 *SOAP Sample taken at this time. *Cut open filter and inspected. No abnormal wear noted.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 06/17/2017	

Aircraft Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	Total Hours: 3223.9	HOBBS: 683.9
	ENG S/N: 675936	TSMOH: 1408.9		
Performed the following maintenance: *Changed Oil with 12 QTS of Phillips 20W-50 and Installed New Filter PN CH48109-1 *SOAP Sample taken at this time. *Cut open filter and inspected. No abnormal wear noted				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 07/09/2017	

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

Aircraft Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	Total Hours: 3230.3	HOBBS: 695.7
	ENG S/N: 675936	TSMOH: 1415.3	Total Ldgs: 2797	
Performed the following maintenance: *Installed New Valve Cover Gaskets PN RG-534857, On Cylinders #1, #3, #5. *Installed 12 New Spark Plugs PN RHB32S.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 7/15/2017	

Aircraft Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	Total Hours: 3255.5	HOBBS: 730.7
	ENG S/N: 675936	TSMOH: 1450.3		
Performed the following maintenance: *Changed Oil with 12 QTS of Phillips 20W-50 and Installed New Filter PN CH48109-1 *SOAP Sample taken at this time. *Cut open filter and inspected. No abnormal wear noted. *Installed New AC Compressor Belt PN 646293-34.00. *Installed New AC Compressor Belt Guard PN 36-55029-3. *Removed 6 each fuel Injectors and cleaned and reinstalled in original positions IAW GAMI STC.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 08/15/2017	

INSTRUMENT, STATIC AND
AVIONICS CHECKS

SERVICE BULLETIN/
SERVICE INSTRUCTION

AIRWORTHINESS
DIRECTIVE LOG

HUNTER AVIATION & CONSULTING LLC
Attn: RANDY HUNTER
102 WESTMONT HWY

Aircraft: BONANZA
S/N: E2917
Tail No.: N87RY-FRONT

Date: 7/19/2017
Engine S/N: 675936
Engine Model: CONT. 550

TYRONE GA 30269
United States

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE		SAMPLE APPEARS NORMAL. Send next sample at normal interval.																																																						
		Normal Elevated High																																																						
Sample Date: 7/9/2017 Analysis Date: 7/14/2017 Sample Number: P61 Cylinder Type: steel TSN/TSO: 1408.9 Oil Hours: 34.2 Filter Hours: 34.2 Oil Added: 1 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION *** <table border="1"> <thead> <tr> <th>Iron</th> <th>Copper</th> <th>Nickel</th> <th>Chromium</th> <th>Silver</th> <th>Magnesium</th> <th>Aluminum</th> <th>Lead</th> <th>Silicon</th> <th>Titanium</th> <th>Tin</th> <th>Moly.</th> </tr> </thead> <tbody> <tr> <td>34.7 (43.3)</td> <td>4.3 (5.1)</td> <td>9.1 (8.1)</td> <td>17.6 (6.4)</td> <td>N/A</td> <td>N/A</td> <td>8.2 (7.5)</td> <td>2635 (4456)</td> <td>4.0 (5.4)</td> <td>N/A</td> <td>< 0.1 (0.1)</td> <td>N/A</td> </tr> </tbody> </table>											Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	34.7 (43.3)	4.3 (5.1)	9.1 (8.1)	17.6 (6.4)	N/A	N/A	8.2 (7.5)	2635 (4456)	4.0 (5.4)	N/A	< 0.1 (0.1)	N/A																				
Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.																																													
34.7 (43.3)	4.3 (5.1)	9.1 (8.1)	17.6 (6.4)	N/A	N/A	8.2 (7.5)	2635 (4456)	4.0 (5.4)	N/A	< 0.1 (0.1)	N/A																																													
		*** FILTER ANALYSIS RESULTS *** <table border="1"> <thead> <tr> <th>Material:</th> <th>Stainless Steel</th> <th>Carbon Steel</th> <th>Alloy Steel</th> <th>Bearing Alloy</th> <th>Copper</th> <th>Silver</th> <th>Magn.</th> <th>Alum.</th> <th>Grit</th> <th>Misc.</th> </tr> </thead> <tbody> <tr> <td>Amount:</td> <td colspan="10"></td> </tr> <tr> <td>Type:</td> <td colspan="10"></td> </tr> <tr> <td>Form:</td> <td colspan="10"></td> </tr> </tbody> </table>											Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.	Amount:											Type:											Form:										
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.																																														
Amount:																																																								
Type:																																																								
Form:																																																								
Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.																																																								

PREVIOUS SAMPLE 1		SAMPLE APPEARS NORMAL. Send next sample at normal interval.																																																						
		Normal Elevated High																																																						
Sample Date: 6/17/2017 Analysis Date: 6/29/2017 Sample Number: P79 Cylinder Type: steel TSN/TSO: 1381.8 Oil Hours: 25.2 Filter Hours: 25.2 Oil Added: 2 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION *** <table border="1"> <thead> <tr> <th>Iron</th> <th>Copper</th> <th>Nickel</th> <th>Chromium</th> <th>Silver</th> <th>Magnesium</th> <th>Aluminum</th> <th>Lead</th> <th>Silicon</th> <th>Titanium</th> <th>Tin</th> <th>Moly.</th> </tr> </thead> <tbody> <tr> <td>44.8 (40.2)</td> <td>4.0 (4.3)</td> <td>10.6 (7.6)</td> <td>22.3 (6.0)</td> <td>N/A</td> <td>N/A</td> <td>10.4 (6.9)</td> <td>1933 (3764)</td> <td>3.5 (4.9)</td> <td>N/A</td> <td>< 0.1 (0.0)</td> <td>N/A</td> </tr> </tbody> </table>											Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	44.8 (40.2)	4.0 (4.3)	10.6 (7.6)	22.3 (6.0)	N/A	N/A	10.4 (6.9)	1933 (3764)	3.5 (4.9)	N/A	< 0.1 (0.0)	N/A																				
Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.																																													
44.8 (40.2)	4.0 (4.3)	10.6 (7.6)	22.3 (6.0)	N/A	N/A	10.4 (6.9)	1933 (3764)	3.5 (4.9)	N/A	< 0.1 (0.0)	N/A																																													
		*** FILTER ANALYSIS RESULTS *** <table border="1"> <thead> <tr> <th>Material:</th> <th>Stainless Steel</th> <th>Carbon Steel</th> <th>Alloy Steel</th> <th>Bearing Alloy</th> <th>Copper</th> <th>Silver</th> <th>Magn.</th> <th>Alum.</th> <th>Grit</th> <th>Misc.</th> </tr> </thead> <tbody> <tr> <td>Amount:</td> <td colspan="10"></td> </tr> <tr> <td>Type:</td> <td colspan="10"></td> </tr> <tr> <td>Form:</td> <td colspan="10"></td> </tr> </tbody> </table>											Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.	Amount:											Type:											Form:										
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.																																														
Amount:																																																								
Type:																																																								
Form:																																																								
Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.																																																								

PREVIOUS SAMPLE 2		** SEE LAB COMMENTS **																																																						
		Normal Elevated High																																																						
Sample Date: 3/27/2017 Analysis Date: 3/30/2017 Sample Number: P64 Cylinder Type: steel TSN/TSO: 1346.7 Oil Hours: 25.2 Filter Hours: 25.2 Oil Added: 1 Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION *** <table border="1"> <thead> <tr> <th>Iron</th> <th>Copper</th> <th>Nickel</th> <th>Chromium</th> <th>Silver</th> <th>Magnesium</th> <th>Aluminum</th> <th>Lead</th> <th>Silicon</th> <th>Titanium</th> <th>Tin</th> <th>Moly.</th> </tr> </thead> <tbody> <tr> <td>47.2 (40.4)</td> <td>4.8 (4.1)</td> <td>10.8 (7.4)</td> <td>28.4 (6.1)</td> <td>N/A</td> <td>N/A</td> <td>12.3 (6.9)</td> <td>2329 (3812)</td> <td>7.5 (4.9)</td> <td>N/A</td> <td>< 0.1 (0.0)</td> <td>N/A</td> </tr> </tbody> </table>											Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	47.2 (40.4)	4.8 (4.1)	10.8 (7.4)	28.4 (6.1)	N/A	N/A	12.3 (6.9)	2329 (3812)	7.5 (4.9)	N/A	< 0.1 (0.0)	N/A																				
Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.																																													
47.2 (40.4)	4.8 (4.1)	10.8 (7.4)	28.4 (6.1)	N/A	N/A	12.3 (6.9)	2329 (3812)	7.5 (4.9)	N/A	< 0.1 (0.0)	N/A																																													
		*** FILTER ANALYSIS RESULTS *** <table border="1"> <thead> <tr> <th>Material:</th> <th>Stainless Steel</th> <th>Carbon Steel</th> <th>Alloy Steel</th> <th>Bearing Alloy</th> <th>Copper</th> <th>Silver</th> <th>Magn.</th> <th>Alum.</th> <th>Grit</th> <th>Misc.</th> </tr> </thead> <tbody> <tr> <td>Amount:</td> <td colspan="10"></td> </tr> <tr> <td>Type:</td> <td colspan="10"></td> </tr> <tr> <td>Form:</td> <td colspan="10"></td> </tr> </tbody> </table>											Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.	Amount:											Type:											Form:										
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.																																														
Amount:																																																								
Type:																																																								
Form:																																																								
Comments: CHROMIUM SEEMS ELEVATED. CHROMIUM CAN POSSIBLY COME FROM PISTON RINGS OR VALVE STEMS. A COMPRESSION CHECK AND BORESCOPE MAY BE USEFUL IN DETERMINING AND MONITORING CYLINDER AND PISTON AREA CONDITION. ALL OTHER OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE. PLEASE CONTACT THE ENGINE MANUFACTURER'S SERVICE REP IF FURTHER ASSISTANCE IS NEEDED.																																																								

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

AIRCRAFT

Aircraft

Reg#

PRECISION AVIATION SERVICES 500 AVIATION WAY, HANGAR B5, PEACHTREE CITY, GA 30269 G3SR222J

AIR FRAME

W/O#: 7200150 May 23, 2016 Tail No: N87RY Serial No: E-2917

A/C Hobbs: 516.6

Page 1 of 2

- o ** REMOVED LEFT AND RIGHT WORN BRAKE DISC PN#RA164-02505 AND BRAKE LINNINGS PN#RA066-10500-8 AND INSTALLED NEW CUSTOMER SUPPLIED LEFT AND RIGHT BRAKE DISC PN#RA164-02505 AND BRAKE LINNINGS PN#RA066-10500-8 ALL I/A/W BEECH A36 AMM. CHAPTER 32.
- o ** REPAIRED CRACKED ENGINE BAFFLES I/A/W AC43.13-1B CHAPTER 4.
- o ** GAINED ACCESS AND REPLACED FAILED NUT PLATES WITH NEW QTY (3) NUT PLATES (2) PN# MS21080-L3, AND (1) PN# MS21059-L3 ALL I/A/W AC43.13-1B SECTION 4 AND 6.
- o ** C/W LANDING GEAR LUBE PER BEECHCRAFT LUBRICATION CHART CHAPTER 12-20-00. FOUND BONDING STRAP IN NOSE GEAR DOORS BROKEN. REMOVED AND INSTALLED NEW TERMINALS I/A/W AC43.13-1B CHAPT 11 SECTION 14. FOUND RIGHT BRACE ON NOSE LANDING GEAR ASSY HARDWARE LOOSE, INSPECTED AND TIGHTENED PER BEECHCRAFT A36A AMM CHAPTER 32. SERVICED LEFT AND RIGHT MAIN LANDING GEAR STRUTS WITH NITROGEN I/A/W BEECHCRAFT A36 AMM CHAPT 32.
- o ** INSPECTED LEFT AND RIGHT AILERON AND FLAPS FOR PROPER RIGGING, FOUND FLAPS ADJUSTED TOO TIGHT WHEN FULL UP. GAINED ACCESS AND ADJUSTED "UP" FLAP LIMIT SWITCH. CYCLED FLAPS NUMEROUS TIMES USING GROUND POWER, I/A/W BEECHCRAFT A36 AMM CHAPTER 27-50. ADJUSTED RIGHT AILERON FIXED TRIM TAB I/A/W BEECHCRAFT A36 AMM CHAPTER 27-10. TEST FLIGHT RECOMMENDED.
- o ** INSPECTED PARKING BRAKE CABLE AND DETERMINED IT WAS ROUTED INCORRECTLY. REMOVED LEFT SIDEWALL AND RE-ROUTED CORRECTLY AND REINSTALLED REMOVED SIDEWALL IN REVERSE ORDER. ALL WORK PERFORMED I/A/W BEECH A36 AMM.
- o ** JACKED ACFT. REMOVE AND BALNCED NLG WHEEL ASSY. RE-INSTALLED IN REVERSE ORDER ONTO ACFT AND DOWN JACK. A36 MM CHAPTER 32.

MAINTENANCE RELEASE/RETURN TO SERVICE CRS# G3SR222J. THE AIRCRAFT, AIRFRAME, ENGINE, OR APPLIANCE IDENTIFIED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE

Page 1 of 2

AUTHORIZED SIGNATURE

DATE

5/23/2016

Page 2 of 2

Page 3

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

AIRCR

Aircraft M

Reg#

DATE

PRECISION AVIATION SERVICES 500 AVIATION WAY, HANGAR B5, PEACHTREE CITY, GA 30269 G3SR222J

W/O#: 7200183 Jun 06, 2016 Tail No: N87RY Serial No: E-2917

A/C Hobbs: 543.3

Page 1 of 1

- o Troubleshoot inoperative altitude preselector. Found, at the Honeywell KEA-130A encoding altimeter, the power ground connection terminated into the wrong pin. Re-wired the ground wire into KEA-130A, connector P130A1, in accordance with Honeywell KFC-150 Flight Control System for Beech A36, Installation Manual, Document No. 006-0277-00, Rev. 2, dated 09/15/1990, Figure 11-F. Adjusted baro knob on the encoding altimeter and verified proper preselect aural alerts at the appropriate altitudes. No further defects were noted at this time.
- o Troubleshoot OBS heading message on both Garmin GTN units. Verified with Garmin that the messages are a result of an internal software bug with the GTN 6XX/7XX units. No further corrective action was taken at this time.
- o Troubleshoot inoperative fuel flow interface. Found that the RS-232 TX and RX wires from the GTN to the Shadin fuel flow indicator were swapped. Re-wired the RS-232 interface in accordance with Precision Aviation Services Electrical Wiring Diagram, Drawing No. 7200138-5-1, Rev. IR, Sheet 2. No further defects were noted at this time.
- o Removed and reinstalled both pilot and copilot yoke assemblies for re-upholstering in accordance with Beech A36 Aircraft Maintenance Manual. After reinstalling, verified proper operation of all switches on both yokes. No further defects were noted at this time.

MAINTENANCE RELEASE/RETURN TO SERVICE CRS# G3SR222J. THE AIRCRAFT, AIRFRAME, ENGINE, OR APPLIANCE IDENTIFIED ABOVE HAS BEEN REPAIRED / INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS / TITLE 14 CFR, AND IS APPROVED FOR RETURN TO SERVICE

AUTHORIZED SIGNATURE

DATE

6/6/2016

Page 1 of 1

Aircraft Log Book Entry



Hunter Aviation & Consulting LLC

N#: 87RY

S/N: E-2917

TOTAL HOURS:
3082.1

HOBBS: 548.3

ENG S/N: 675936

TSMOH: 1267.1

Performed the following maintenance:

*Removed stock engine baffling from entire engine. Installed D'Shannon Products LTD. Engine Baffling STC # SA368CH. Kit was installed IAW Installation Manual DSP-IM95-2 Revision (F). Revised Aircraft Weight and Balance. Ref FAA Form 337 Dated 6/23/2016. Reference Instruction for Continued Airworthiness DP-ICA-200 Dated May 20, 2009 and Revision (B) Dated June 29, 2012 for applicable continued airworthiness procedures.

*Installed New Aircraft Battery PN RG24-16 SN 40801576.

I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.

RII Inspector: N/A

Signature: N/A

A & P #: N/A

Name: Randy Hunter

A & P #:

Signature:

Date: 6/23/2016

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

Aircraft Log Book Entry				
 Hunter Aviation & Consulting	N#: 87RY	S/N: E-2917	Total Hours: 3094.9	HOBBS: 561.1
	ENG S/N: 675936	TSMOH: 1279.1		
Performed the following maintenance: *Installed Overhauled Altitude Preselect KAS-297B P/N 065-0065-01 S/N 22837. *Installed New Nose Tire PN 505C66-3 SN 61492859. *Installed New TKS Filter PN 12295. Flushed System and performed Ops Check.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 7/5/2016	

Aircraft Log Book Entry				
 Hunter Aviation & Consulting LLC	N#: 87RY	S/N: E-2917	Total Hours: 3098.4	HOBBS: 564.5
	ENG S/N: 675936	TSMOH: 1282.5		
Performed the following maintenance: *Installed Overhauled Flight Computer PN 065-0042-03, SN 53779 *Installed Overhauled Engine Vacuum Pump PN 212CW, SN 168363. Due Time Change In 500 Hours. *Installed New Nose Landing Gear Shimmy Damper PN SE-1076-1 SN LK01512. *Installed New Brake Hoses on LH Landing Gear PN MS28741-4-0150 and MS28741-4-0160. Due time Change in 60 Months *Installed New Brake Hoses on RH Landing Gear PN MS28741-4-0150 and MS28741-04-0160. Due Time Change in 60 Months. *Installed New Storm Window Seal from Aircraft Door Seals LLC PN ADS1200-17. *Installed New Front Door Seal from Aircraft Door Seals LLC PN'S ADS1200-7, ADS1200-11, ADS1200-15. *Installed New Rear Door Seal from Aircraft Door Seals LLC PN'S ADS1200-3-1 through -9. *Installed New LH Landing Gear Uplock Boot PN 35-815156-4. *Installed New RH Landing Gear Uplock Boot PN 35-815156-5. *C/W 36 Month Inspection of LH and RH Fuel Cell Flapper Valves. *C/W Landing Gear Lubrication and Cleaning of Gear and Gear Well.				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter			AP# [REDACTED]	
Signature: [REDACTED]			Date: 7/14/2016	

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

AI

Air

Re



Hunter Aviation & Consulting LLC

Aircraft Log Book Entry

N#: 87RY

S/N: E-2917

Total Hours: 3102.4

HOBBS:
568.5

ENG S/N:
675936

TSMOH: 1286.5

Performed the following maintenance:

*Installed 4 each New Wing Bolts on LH and RH Wing PN's

Upper Forward: 131790-1

Upper Aft: 130909B103

Lower Forward: 13179002

Lower Aft: 130909B274

Bolts Installed with new washers and nuts in accordance with Bonanza Maintenance Manual 57-00-00-201

I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.

RII Inspector: N/A

Signature: N/A

A & P #: N/A

Name: Randy Hunter

AP#

Signature:

Date: 7/23/2016



Hunter Aviation & Consulting LLC

Aircraft Log Book Entry

N#: 87RY

S/N: E-2917

Total Hours: 3142.6

HOBBS:
608.8

ENG S/N:
675936

TSMOH: 1326.7

Performed the following maintenance:

*Performed Annual Inspection IAW Beech 36 Maintenance Manual and FAR 43 Appendix D.

*Replaced Air Filter with new PN BA7112.

*Replaced Central Vacuum Filter with New 2 Each PN AA2J4-7.

*Replaced Vacuum Relief Filter with New 2 Each PN RA-D-9-14-5.

*Removed, cleaned, inspected airframe fuel filter.

*Cleaned and Lubricated Landing Gear.

*C/W ELT Inspection IAR FAR 91.207D.

*C/W Battery Cap Check. No defects noted.

*Installed New Fuel Cap Orings PN MS29513-010 and MS29513-338.

*C/W 12 Month Inspection of Seat Belts and Shoulder Harness.

*C/W 12 Month Inspection of Heating and Ventilating Ducts.

*C/W 12 Month Weight Check of Cabin Fire Extinguisher.

C/W the following AD's or SB's:

*C/W AD 2007-08-04 Next Due in 12 Months. January 15, 2018

I certify that this aircraft/engine/component has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.

RII Inspector: N/A

Signature: N/A

A & P #: N/A

Name: Randy Hunter

AP#

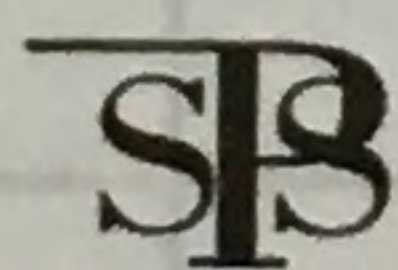
Signature:

Date: 1/15/2017

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

 Hunter Aviation & Consulting LLC		Aircraft Log Book Entry		
		N#: 87RY	S/N: E-2917	Total Hours: 3142.6
ENG S/N: 675936		TSMOH: 1326.7		
Performed the following maintenance: *Installed Overhauled Fuel Selector Valve PN 35-921155-603, SN 5034 *Installed Overhauled Airframe Fuel Boost Pump PN 4613-00-5, SN 0837. *Installed New LH and RH Flap Actuator Flexible Shaft Cable Assemblies PN 12163Y-63.31. *Installed New Nose Landing Gear Retract Rod Ends PN ADNE5-323 and ADNEL6-317. *Installed New Boot on Nose Gear Retract Rod Assembly PN 36-82002301				
I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.				
RII Inspector: N/A		Signature: N/A		A & P #: N/A
Name: Randy Hunter		AP# [REDACTED]		
Signature: [REDACTED]		Date: 1/27/2017		



Sensenich Propeller Service, Inc.

1245 Palmour Place Suite A Gainesville, Ga. 30501

Phone (770)538-0444 Fax (770)538-0117 www.sensenichpropellers.com

Date of Balance: 20 Jan 2017

Aircraft: Beech A36

Invoice Number: G22091

Reg. No: N87RY

Propeller Serial No: 010404

Tach: 610.9

Final Balance: .02 IPS

[REDACTED]
Daniel Landis

Repair Station S46R346N

This Propeller has been balanced using procedures outlined in manual:
Aces System to Propeller Balancing.

AIRPLANE LOGBOOK

AIRWORTHINESS

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

Aircraft Log Book Entry										
 Hunter Aviation & Consulting LLC	<table border="1"> <tr> <td>N#: 87RY</td> <td>S/N: E-2917</td> <td>Total Hours: 3156.4</td> <td>HOBBS: 622.6</td> </tr> <tr> <td>ENG S/N: 675936</td> <td>TSMOH: 1341.4</td> <td></td> <td></td> </tr> </table>	N#: 87RY	S/N: E-2917	Total Hours: 3156.4	HOBBS: 622.6	ENG S/N: 675936	TSMOH: 1341.4			
N#: 87RY	S/N: E-2917	Total Hours: 3156.4	HOBBS: 622.6							
ENG S/N: 675936	TSMOH: 1341.4									
Performed the following maintenance: *C/W 10 Year Engine Flammable Hose Replacement. Installed the following new hoses from PHT Inc. 130524-3-0180: Oil Pressure 130524-3-0230: Manifold Pressure 130524-6-0185: Fuel Supply 130523-4-0170: Fuel Return 130524-4-0064: Fuel Pressure to transducer 635218S4S-41.00: Cont to Fuel Pump 635218S4S-41.00: Cont to Fuel Pump 635218S4S-32.00: Cont to Man Valve *C/W 10 Year Overhaul of Stby Air Pressure Check Valve by Installing 2 new Check Valve Assemblies PN 50-324473-47 in Manifold. *Removed Exhaust System and Installed D'Shannon Exhaust System STC #SA04165CH. Kit P/N DSP-KIT-15-009. Installation Done IAW Installation Manual DSP-IM-15-009 Rev B. Ref 337 Form Dated March 21 2017. Revised Weight and Balance Inspection Criteria for D'Shannon Exhaust; 12 Month Inspection IAW Instructions for Continued Airworthiness Document DSP-ICA-15-009 Dated Dec 21, 2016 Rev B Exhaust System must be Overhauled Every 8 Years or 1000 Hours in service, whichever occurs first IAW ICA. I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry. <table border="1"> <tr> <td>RII Inspector: N/A</td> <td>Signature: N/A</td> <td>A & P #: N/A</td> </tr> <tr> <td colspan="2">Name: Randy Hunter</td> <td>AP# [REDACTED]</td> </tr> <tr> <td colspan="2">Signature: [REDACTED]</td> <td>Date: 3/21/2017</td> </tr> </table>		RII Inspector: N/A	Signature: N/A	A & P #: N/A	Name: Randy Hunter		AP# [REDACTED]	Signature: [REDACTED]		Date: 3/21/2017
RII Inspector: N/A	Signature: N/A	A & P #: N/A								
Name: Randy Hunter		AP# [REDACTED]								
Signature: [REDACTED]		Date: 3/21/2017								

AIRPLANE LOGBOOK

MAINTENANCE/INSPECTION ENTRIES

INSTRUMENT, STATIC AND

**SERVICE BULLETIN/
SERVICE INSTRUCTION**

AIRWORTHINESS

Hawker Beechcraft Corporation

AIRPLANE LOGBOOK

AIR

Airc

Reg



Hunter Aviation & Consulting LLC

Aircraft Log Book Entry

N#: 87RY

S/N: E-2917

Total Hours: 3215.20

HOBBS:
680.6

ENG S/N:
675936

TSMOH: 1400.2

Performed the following maintenance:

*Removed Existing ELT and Installed a 406MHZ ELT in existing location using original bracket. Installed Model # C406-N PN 453-5060 SN 05303. HEX Code is 2DC843A96EFFBFF. Installed with New Battery PN 452-0133 SN 374189-036. EXP May 2022. Installed new ELT Antenna PN 110-338. Installation was done IAW AC 43.13-1B and is considered to be a minor alteration.

AD 2017-04-06: United Instruments Inc 5943 Series Altimeters. NA due to PN not being installed in this aircraft.

AD 2017-11-11: NA due to the PN of ADSB Unit NOT being installed in this aircraft.

I certify that this aircraft/engine/component has been inspected in accordance with FAR 91.409 (f)(3) approved inspection program and was determined to be in airworthy condition with respect to the inspection and procedures for that portion of the program identified in this entry.

RII Inspector: N/A

Signature: N/A

A & P #: N/A

Name: Randy Hunter

AP#

Signature:

Date: 6/29/2017