

AIRCRAFT LOG
AF5-1

Book #3

AIRCRAFT DESCRIPTION

MANUFACTURER Beech MODEL P-35 DATE OF MFG. 4-2-63
SERIAL NUMBER 07159 REGISTRATION NUMBER N9774Y

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

COMPLIANCE RECORD

AUTHORIZED SIGNATURE
CERTIFICATE NO.

DATE

July 13, 2007

IFR SAT CHK
 Enc mounted
 Access Left engine
 Bay Inst Panel
 Lynn Ford
 ADP201345951
 AD 04-08-16
 DNA by S/N

APPROVED BY:
AGENCY CERT. NO.

IFR

FORD CO. LW6R186J

I certify that the transponder/altimeter/encoder/static system tests. FAR Pt. 91.411 and 91.413 have been complied with. FAR Pt. 43 Appendix E, Paragraph (c) test has been complied with.




Altimeter	KOILSMAN	GT1	5057
Encoder	TERRA	AT3000	1769
Transponder	NARCO	AT150	43351


W/O#	070714	By	L. Ford	Date	July 13 2007
Next Test Due	24 months or		07-2009	FORM 1	

Approved By Lynn Ford 2484880 R

N9774Y

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED
										 A/C Reg. ACTT:
										 A/C Reg. ACTT:
										 THE FOLL THE STAT TEST REQ ALTIMET



 PITTSBURGH AIR RADIO INC.
 ALLEGHENY COUNTY AIRPORT
 WEST MIFFLIN, PA 15122
 412-469-8400
 F.A.A. AZ1R026K

A/C Reg. N9774A
 ACTT: 4832.61

Date: July 09 2009
 W/O # 54169

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED:
 THE STATIC SYSTEM, ALTIMETER AND THE ALTITUDE REPORTING
 TEST REQUIRED BY FAR 91.411 IAW APPENDIX E OF PART 43. THE
 ALTIMETER WAS TESTED TO 20,000 FEET.

gol M


 PITTSBURGH AIR RADIO INC.
 ALLEGHENY COUNTY AIRPORT
 WEST MIFFLIN, PA 15122
 412-469-8400
 F.A.A. AZ1R026K

A/C Reg. # N9774A
 ACTT: 4832.61

Date: July 09 2009
 W/O # 54169

THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN
 PERFORMED: THE TRANSPONDER TESTS REQUIRED BY FAR
 91.413 I.A.W. APPENDIX F OF PART 43.

gol M

Kalkman
 PW
 -671



SW 5057

Terra
 AT-3000
 1769

Narco
 AT-150
 43351

1769
RF-3000
C/M

RADIO & ELECTRONIC CHECKS

APPROVED BY: AGENCY CERT. NO.		DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED SIGNATURE — CER
					PITTSBURGH AIR RADIO INC. ALLEGHENY COUNTY AIRPORT WEST MIFFLIN, PA 15122 412-469-8400 F.A.A. AZ1R026K			
					A/C Reg. # <u>9774Y</u> ACTT: <u>4995.95</u>	Date: <u>4/9/11</u> W/O # <u>55853</u>		
					THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED: THE TRANSPONDER TESTS REQUIRED BY FAR 91.413 I.A.W. APPENDIX F OF PART 43.			
					PITTSBURGH AIR RADIO INC. ALLEGHENY COUNTY AIRPORT WEST MIFFLIN, PA 15122 412-469-8400 F.A.A. AZ1R026K			
					A/C Reg. # <u>9774Y</u> ACTT: <u>4995.95</u>	Date: <u>4/9/11</u> W/O # <u>55853</u>		
					THE FOLLOWING TESTS AND INSPECTIONS HAVE BEEN PERFORMED: THE STATIC SYSTEM, ALTIMETER AND THE ALTITUDE REPORTING TEST REQUIRED BY FAR 91.411 IAW APPENDIX E OF PART 43. THE ALTIMETER WAS TESTED TO <u>2000</u> FEET.			

Joc Mj

Joc Mj

MAINTENANCE RECORD F.A.R. 43.9

CHECKED BY:
SIGNATURE — CERT. NO.

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/24/2007	4604.14	INSTALLED NEW AIRHAUK 500-5 NOSE WHEEL S/N	
		TTID 40507 AND NEW 500-5-SI TUBE XA1AC PACKED BEATINGS	S. Don Foey # 2787211
9/1/2007	4618.97	Annual inspections completed this date. lubricated control system checked and cleaned Fuel screens serviced brake fluid, brake lines. Installed 1/2268607 air speed indicator & fuel siltly Rudy in ducts. (stop at last) lubricated de-ice cabinet, seal / Flap controls R/R top beacon bulb GE1942. Installed new seal on P.A. front window. (per 9/1/2007) annual AT inspection, battery expires Jul 2008 - Installed new 6.5 x 8 gply left main tire cleaned, checked and greased checked bearings. Replaced unc. supply line from pumps Firewall. Cleaned battery plates. Replace 100V engine mount assemblies 5-75182 2 bolts. Replaced 1/109-14-5 filter & 1/P13-0374 induction air filter	

MAINTENANCE RECORD

F.A.R. 43.9

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		<p>→ Installed 1105734X-260255 Hinges, bushings & hardware on nose gear doors. Installed 01A Exhaust mufflers on left & right side, from Dowley Corporation. Cleaned interior exterior of aircraft. Installed Left Rydolor motor (Star Repair L Blackwell / Vinton - Inc (337 applied) Refer to AD work compliance sheet dated 9/1/2007 for AD work details. I certify that this aircraft landing gear was retracted thru normal emergency operations and was found to be satisfactory. I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition and is approved for return to service. (W Sothe inspect)</p>		12-10-07	4674.5
				1-19-08	4679.3
				6-17-08	4718.6
AD 9504-03		9/1/2007 ADT 4678.97 & C/ 702294543			

MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO. PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
2, No 5753027 5, Hardware Exhaust on Dow lay area of motor top of 9/1/2007 aircraft alt emergency to factory inspected on final condition and e.d.w. Sothe inspected 94543.	12-10-07	4674.55	Installed Fuel pump after overhaul L. Avolt. replaced accessories Installed New generator bracket p/n 627068 & part 539547-31.19. generator check was satisfactory. D/C No 94543.	
	1-15-08	4679.35	Replaced LEFT Fuel bladder with new assembly from Flots & Fuel cells. New gaskets & marks clips used for installation. Fuel bay was cleaned & surface covered to prevent chafe of tanks with Dust top. No leaks present. D/C No 94543.	
	6-19-08	4718.68	Annual inspection completed this date. Lubricated control system. Checked and cleaned Fuel system. Serviced a/b battery, fuses, bracket fuses. Lubricated landing gear cycles then overhauled emergency, found to be satisfactory. 7	

MAINTENANCE RECORD

F.A.R. 43.9

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		<p>→ cleaned interior & exterior of aircraft parked wheel bays after inspection. adjusted cable tension on Right trim tab. Both Comms. Audio panel was bench serviced by Hagers town A-train. Refer to AD Note copy sheet dated 6/19/08 for AD note details. Installed 11D9-14-S VAC Filter. Cleaned induction Filter assembly. Installed 116552 ELT Battery - expires June 2015 C/N Annual inspection of ELT per 91.207(d). Installed new 2870 EGT probe, with #6 & #4 exhaust positions. Replaced missing nut & hardware on 2-46 flange of exhaust system. Identifying that this aircraft has been inspected in accordance with annual inspection and was determined to be airworthy and is approved for return to service. C/N 500 home inspection per AD 95-0003 6/17/08 NRTT 471866 [Signature] - 4545</p>			

MAINTENANCE RECORD

F.A.R. 43.9

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FF Packaged
ed cable
msd audio
3 tower A-trail
top 6/19/08
DA-14-S
ver assembly
June 2010
07A-Installed
Y Exhaust
downre
Plastic
W/Accessing
sterilized
For Return
NO 950403
84545

Shenandoah Avionics, LLC
 59 River Road
 Timberville, Va. 22853
 540-740-3949
 Repair Station # 2SAR659Y


W/O # 9032701

N# N9774Y
 Date April 4, 2009 Hourmeter N/A Tach 4781.05 A/CTT 4781.05

Removed King KX-170B NAV/COM, King K1-208 indicator, Arnav-15 Loran, and Loran antenna.
 Installed Garmin GNS 530W, S/N 23820961, Garmin GI-106A CDI indicator, S/N A09-10100, Garmin
 GA-35 GPS/WAAS antenna, S/N 49368, and Mid Continent MD41-1484W annunciation unit, S/N B09-
 10027. See Shenandoah Avionics approved 337 dated April 04, 2009. Also removed old coax cable for
 transponder and both com antennas and installed new RG-58U coax cable with new BNC connectors.
 Repainted part on instrument panel. I certify that this aircraft is in airworthiness condition and return it
 back to service.

New Weight & Balance: Weight: 2036.75 Arm: 78.25 Moment: 159355.8

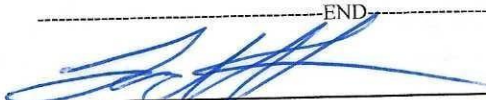
-----END-----

Signed  Todd Ott
 AP230046907

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE
12-8-2008		Installed overhauled Fuel controller valve p/n 625219-2 S/N 33856. Unit overhauled by Mike's plc Fuel metering. New Supply pipe & lines fabricated by PAT installed at this time. Operational check satisfactory. This attached. D. Clegg ADP2294545			
12-2009		Removed Woodward Governor Model 210452 S/N 5995505. Installed ABB Technologies p/n ATN2102811 S/N 08401927 This attached. Installed Right Exhaust collector p/n R 35-9500063 frame 2870 FLT parts. D. Clegg ADP2294545			N/A Date Removal Unit v Weight Signature
4-22-09	4791.2	Installed one ETC unit model FP-5L S/N 929974 Fuel Flow transducer model FT-60 S/N 92998. FFA Form 337 certified & weight and balance revised. Installed one 111F417 450130 base from PAT. D. Clegg ADP2294545		4/2/09	4827.3

MAINTENANCE RECORD F.A.R. 43.9

AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
<p>ker valve should be checked check status</p> <p>1210452 S/N s/n N7821078 led right 00563 fare 0294325</p> <p>0.5L S/N 929974 0.5L S/N 92998. 0.5L S/N 92998. 450130 1655</p>			<p>Shenandoah Avionics, LLC 59 River Road Timberville, Va. 22853 540-740-3949 Repair Station # 2SAR659Y</p> <p>N# <u>N9774Y</u> W/O # <u>9051502</u></p> <p>Date <u>May. 15 2009</u> Hourmeter <u>N/A</u> Tach <u>4814.47</u> A/CTT <u>4814.47</u></p> <p>Removed King KY-92 Comm receiver and installed Icom IC-A210 Comm receiver, S/N 0104751. Unit was installed IAW Icom Installation manual. Operational check of unit normal. No change to Weight & balance.</p> <p style="text-align: center;">-----END-----</p> <p>Signed  Todd Ott AP230046907</p>	
	4/2/09	4827.37	<p>Installed voltage Regulator VR-100-1450 S/N 0021078. Removed unit (voltage regulator defective).</p> <p style="text-align: right;">D. Ott 02291515.</p>	

MAINTENANCE RECORD

F.A.R. 43.9

AGENCY & CERTIFICATE NO.
MED/RETURNED TO SERVICE

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

Lubricated
oil screens.
rew 6-35 Pot.
and send
1/19/45
along with
fed on 2
base connector.
w unit.
return.
clwthe
wh, 8905-02
a unit from
complete
B. I certify
warranty
Aircraft service
4827.37

10-16-09

4877.64

Inspected installation of F631427-A1 S/N
423 with overhaul of fuel divider. No
leaks present. Unit overhauled by Mike's oil &
Fuel metering. Tag at low level.
SB32-3992 with pln. of UG 2294545.

Shenandoah Avionics, LLC
59 River Road, Timberville, Va. 22853
540-740-3949
Repair Station # 2SAR659Y

N# N9774Y

W/O # 9100801

Date Oct. 08, 2009 Hourmeter N/A Tach 4876.64 A/CTT 4876.64

Updated Garmin software to version 3.30 IAW Garmin Service Bulletin No. 0918 Rev. A. Removed old
Garmin 430W AFMS from POH and installed new AFMS for software version 3.30.

END

Signed



Todd Ott
AP230046907

MAINTENANCE RECORD

F.A.R. 43.9

AGENCY & CERTIFICATE NO. PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4t 2077854			76-0792 100 hour switch inspection due in 100 hours, 89-08-02 FIT inspection due in 100 hours, 94-20-00URJ 100 hour VFR inspection due in 100 hours, 90-21-10 SPNS 100 hour due in 100 hours, refer to AD note Capt. [unclear] Int e 6/12/15 for AD note details. Installed two HM4U Rod ends on right Aileron control arm. Installed the following parts on the left control & Rudder inter: 1/ AN 26-15 Rod end, 2/ AN 364-428 Nut, 1 part 4 15RA both, 1/ AN 20-20A both. Reentry to this aircraft has been inspected in accordance with annual inspection & was determined to be satisfactory and is approved for Return to Service. 6/12/15 PRTI 4937.3 UG In 294545	
AP 294545	6/29/11	4995.95	Annual inspection completed this date. Lubricated Flight control system. Checked and cleaned Fuel screens. Serviced brake fluid to pressure, Air Pressure in tires. Installed the following new parts: →	
Installed poppet sensors in [unclear] and cleaned it, cleaned [unclear] installed overhauls Landing gear the collected one D9-145 Installed ELI of new fresh cable to inspection:				

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT IN SERVICE
	→	4/630519 Bushing, 2/627281 Bushing, 1/115167 CXZ 120333 dust, 1/115167 DXZ 120684 dust, 1/P130 374 AIR FILTER to comply with AD 84-2602 due for replacement in 5 yrs / 50 hours, 1/RAD9-14-5 Filter, 1/GE1940 beacon bulb, compl with 91.207(d) ELT inspection. clw the following AD notes: 76-07-12 R1 100hour inspection, 84-28-02 new filter installed next due 5 yrs / 50 hrs, 89-05-02 100hour FIT inspection, 94-20-04 R2, V tail 100hour inspection, A9-24-10 SRVS 100hour inspection, 2007-08-08 100hour inspection / Lube of prop. Refer to AD note copy sheet dated 6/24/11 for AD note details. I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition and is approved for return to service.		9/30/11 Tech	5032.
				10-7-11	5053.5
6/24/11		NETT 4995.95 Q & A	IP0004545	Final 2012	5084.5

MAINTENANCE RECORD

F.A.R. 43.9

AGENCY & CERTIFICATE NO. K PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CER. WORK PERFORMED/RETU.
Bushy, 1/ 167DXZ/20684 Slynth ND Slyrs/5-20 hours 2 hours bulb ation. clwthe 20 hours inspection at due Slyrs/30 hours 94-2004/R2 10 SRVS 10 hours 20 hr inspection of engine sheet is. Center inspected in/ ation and was condition & is 2004545	9/30/11 Tech	5032.34	Removed not pyp p/N 6455 5/N 14181 Installed overhaul 6455 5/N 12345, one DA-14-1 Filter; 3FT mil 6000 1/2, + 2FT mil 6000 3/8 Vex base. New gasket + lock washers installed. Form 81302 attached. operation 1 check satisfactory. BY 2004545	
	12-7-11	5053.53	Installed one LORD SE-1076-1 5lb Damper per LORD installation instructions + STC. FWA337 Form completed. Installed one 539547-3119 600130H. Flow checked Fuel Flow transducer for debris, none found. BY 2004545	
	Two 2, 2012	5084.55	Annun inspection completed this date. Checked cleaned Fuel screens. Lubricated Flight control system. Serviced brake fluid, & tire pressures.	

MAINTENANCE RECORD

F.A.R. 43.9

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6	7	<p>Replaced Flap actuator L/R Flaps on both ports hired more with 2/10080/SS-0500 Bushings 2/AN4-10A both. Installed or rechecked left nut with new hardware 4/NAS221-9 & AN960-10L washers. Removed Left original nuts to Right position & new hardware used 4/NAS221-9/AN960-10L washers. New conv cord battery, RG35AXC installed. 1/29-14-S Filter installed. ELT both expires July 2012. < IN 91.20 (D) annual ELT inspection < with the following AD's: 76-07-12R, 100 hours insp. 89-0502 100 hours fitting inspection, 94-20-04R 100 hours Vibration, 99-24-10 SBUS 100 hours insp. 200708 08 100 hours bearing inspection. certify that this aircraft has been inspected in accordance with annual inspection requirements & is currently approved for return to service 67112 50843 SNET & CAPT 102794545</p>	

DATE	AIRCRAFT TIME IN SERVICE
6-21-07	460 21.0

INSPECTION RECORD F.A.R. 43.11-91.409

AGENCY & CERTIFICATE NO.
PERFORMED/RETURNED TO SERVICE

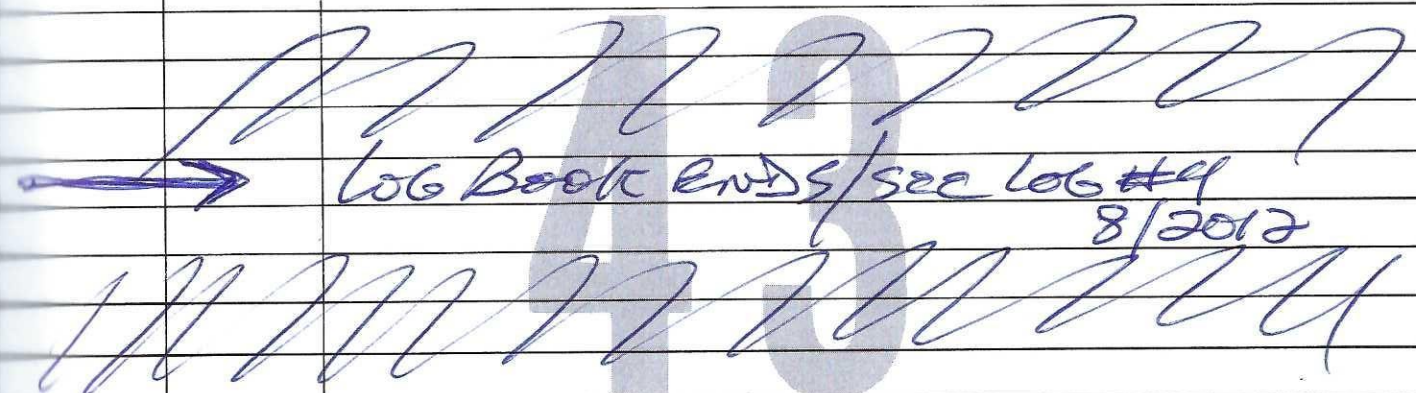
DATE AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

o A/C paint
 o Bushings
 o A/C left
 o 221-9 x
 o Foreign
 o rel. more
 o washers
 o AX installed
 o o/s spines
 o 27 inspected
 o R) balance
 o 94-20-54
 o 1034 2007-08
 o R. K. Kelly, Ph.D.
 o occurrence
 o and to be
 o to service
 o 22294545

6-21-07 4602.0

C/W AD 95-04-03 SPAR WEB CENTER SECTION BY DYE
 CK AND VISUAL, NO CRACKS FOUND, DUE AT 5104
 Rusty Kelly SA1429959 LACON AERO SERVICES, INC 509-246-3700



→ LOG BOOK ENDS/SEE LOG #9
 8/2012