N7EV

1998 A36 Bonanza
Turbine

Engine Logbooks (2001-Current)



MSN: E-3162

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

Rolls-Royce Corporation
Model 250

N 7 E V

Rolls-Royce

Engineering

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
Page No. _____

Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
05-29-01	New	0.0	Fuel system preserved with MIL-0-6081 oil.	Ahen K. Smith	Rolls-Royce
11-12-01	NEW	0.0	INSTALLED THIS ENG IN AIRCRAFT		
			N 23026 S/N E 3162 SERVICED WITH		
			MOBILE 254 RAN & CHECKED FOR		
			LEAKS DIA "A" 1.235 PER STC		
			SA 3523 NM	William Ford	
				TRADEWIND TURBINES CORP	
				FAA REPAIR STATION NO. TUDR675K	
				WORK ORDER 46312	
11-12-01	TRADEWIND TURBINES CORP		C/W AD 2001-20-51	BY INSP OF	
	FAA REPAIR STATION NO. TUDR675K		TORQUEMETER GEAR BY STANDARD AERO	William Ford	
	WORK ORDER 46486		W/O LD 27208		
			W/O 46486	TUDR675K	

GT-2784AT (5/00)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
8-29-02		35.8	HOBBS- 503.5		
	Completed Annual Inspection this date as Per Beech/Allison/Tradewind				
	Inspection Guide. Cleaned & Flow Checked Fuel Nozzle				
	Boroscoped Hot Section No Def		TRADEWIND TURBINES CORP		
	I certify that this ~~aircraft~~ Engine has been inspected in		FAA REPAIR STATION NO. TUDR675K		
	accordance with a Annual inspection		WORK ORDER 46974		
	and was determined to be ~~in airworthy condition~~		James E Whatley		
5-12-03	NEW	82.6	REMOVED THIS ENG. FROM N/TEW FOR REPAIR. Robt. Grimm A/P 481823339		
JUL 29 2003	NEW	82.6	INSPECTED AND REPAIRED FOR SUDDEN STOP-		
	CSO: NEW	CSN: 104	PAGE AND PRESERVED I/A/W ROLLS ROYCE MANUAL		
			GTP5243-3 1ST ED., REV. 7. DETAILS ON		
			FILE UNDER DALLAS AIRMOTIVE, INC. WORK		
			ORDER TR0997.	Dale Rikard	DALLAS AIRMOTIVE, INC YRRR491L

GT-2784AT (5/99)

DallasAirmotive™

INSPECTION-MAINTENANCE OVERHAUL RECORD
ENGINE ASSEMBLY

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Engine Serial Number CAE881290 **Model** 250-B17F/2

Date	TSN / CSN	TSO / CSO	Remarks	Signature	Organization
8-7-03	82.6 / 104	— / —	INSTALLED THIS ENGINE AFTER REPAIR BY DALLAS AIRMOTIVE. RUN, RIG & LEAK CHECK. OK. SET UP ENGINE PER RR ALLISON & TRADWIND TURBINE MAINT. MANUAL INSTRUCTIONS. SERVICED WITH mobile 254 oil. INSTALLED IN N7EV SN# E3162.	[signature] AP4/8803589	
8-26-03	92.6 / 116	— / —	Replaced 2EA Seal on the #7 Bearing oil Jet and 1EA on the #8 oil Jet Allweb Dan T/A W RR Manuals [illegible] with FSB#	[signature]	DAS 4911

DTP / RE: 100-002 R2

DallasAirmotive

INSPECTION-MAINTENANCE OVERHAUL RECORD
ENGINE ASSEMBLY

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Engine Serial Number CAE881290 **Model** 250-B17F/2

Date	TSN / CSN	TSO / CSO	Remarks	Signature	Organization
8-13-03	85.3 / 108	— / —	I CERTIFY THAT THIS AIRCRAFT ENGINE		
			HAS BEEN INSPECTED IN ACCORDANCE		
			WITH A 100 hour INSP AND WAS CONSIDERED		
			TO BE IN AN AIRWORTHY CONDITION AT		
			THIS TIME AND DATE.		
			Robert A. Grimm		
			AP4818233691A		

STEVENS AVIATION

N7EV Beechcraft A36 S/N: E-3162 Aircraft TT: Unknown
February 28, 2004 Hour Meter: 661.3

ENGINE LOG BOOK

+ Removed Aircraft Parts Corp Starter Generator P/N: 150SG1170, S/N: 9105 and Installed Excahnge Starter Generator P/N: 150SG1170, S/N: 8794 after Overhaul by API TECHNOLOGY under Work Order 03030668 dated 2-26-03. Operational check of Starter System and Generator System was satisfactory.

The maintenance identified above has been inspected and the items are approved for return to service. Pertinent details are on file at this agency under Work Order # 24327.

Signed _____

For Stevens Aviation, CRS VIB638R Broomfield, CO 80021

DTP / RE: 100-002 R2

Assembly Record
Engine Accessories

Rolls-Royce

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Engine Serial Number CAE-831290 Engine Model 250-B17F/2

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 S\N: E-3162 WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 3-5-04 HM: 664.4 ATT:664.4 ENG TT:195.4 ENG CSN: 199, PROP TT: 196.7, PROP TSO: 114.1

COMPLIED WITH ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX "D"; USING BEECH/ ROLLS ROYCE (ALLISON) /SOLOY INSPECTION CHECKLISTS AS A GUIDE. CLEANED AND FLOW CHECKED FUEL NOZZLE. TOPPED ENGINE OIL TANK WITH MOBIL 254 AS REQUIRED. ALL MAINTENANCE AND SERVICING IAW CURRENT BEECH, ROLLS ROYCE (ALLISON) AND HARTZELL MAINTENANCE MANUALS. AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY. UPDATED AD COMPLIANCE RECORD.

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (~~100HR~~) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 3-5-04. WORK ORDER 13076.
SIGNED [signature], INSPECTOR FOR JETSUN AVIATION CENTRE CRS# SG7R549J.
AP2320229 IA

d	Reason
TT	
TSO	

GT-2786C (12/98)

F-2782A (12/98) (F)

Assembly Record
Engine Accessories

Rolls-Royce

Part VI
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Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 **S\N: E-3162** WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 9-23-04 **HM: 766.2 ATT: 766.2 ENG TT: 297.2 ENG CSN:** ____, **PROP TT: 298.5, PROP TSO: 215.9**

COMPLIED WITH 100HR INSPECTION I.A.W. FAR 43 APPENDIX "D"; USING BEECH/ ROLLS ROYCE (ALLISON) /SOLOY INSPECTION CHECKLISTS AS A GUIDE. CLEANED AND FLOW CHECKED FUEL NOZZLE. **CHANGED ENGINE OIL** IAW ROLLS ROYCE M/M CHAPTER 72-00-00 AND TRADEWIND/BEECHCRAFT BONANZA A 36 SERIES M/M SUPPLEMENT, SERVICED WITH 7 QTS **MOBIL 254 OIL.** ALL MAINTENANCE AND SERVICING IAW CURRENT BEECH, ROLLS ROYCE (ALLISON) AND HARTZELL MAINTENANCE MANUALS. AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY.

I CERTIFY THAT THIS (AIRCRAFT) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN ([redacted]) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 9-23-04. **WORK ORDER** 13227.
SIGNED [signature] **INSPECTOR FOR JETSUN AVIATION CENTRE CRS# SG7R549J.**
AP2220229IA

				TT / SO			Reason

GT-2786C (12/98)

Service Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 S\N: E-3162 WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F/2 S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 10-21-04 HM: 781.4 ATT: 781.4 ENG TT: 312.4 ENG CSN: ____.

REPLACED IGNITION EXCITER BOX WITH NEW PART: P/N (ON) BL-614950-1, P/N (OFF) 10-614950-1.
S/N (ON) 99461118, S\N (OFF) UY00525472; IAW ROLLS ROYCE M\M CHAPTER 74.
AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY.

The aircraft and or component above was. inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy.
Pertinent details of the repair are on file at this agency under: WORK ORDER: 13246
DATED: 10-21-04 SIGNED _____ INSPECTOR FOR JETSUN AVIATION CENTRE
CRS#SG7R549J AP2220229 FA

ved	
l	Reason

F-2782A (12/98) (F)

Service Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

Transferred / Shipped			Received		
	Engine Time				ganization

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 **S\N: E-3162** WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.
DATE: 3-4-05 HM: 828.1 ATT:828.1 ENG TT:359.1 ENG CSN: 339, PROP TT: 360.4, PROP TSO: 277.8

COMPLIED WITH ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX "D"; USING TRADEWIND\BEECHCRAFT BONANZA A-36 SERIES MAINTENANCE MANUAL SUPPLEMENT AND ROLLS *ROYCE* INSPECTION CHECKLISTS AS A GUIDE. COMPLIED WITH **200 HR\6 MONTH OIL CHANGE**: INSPECTED ENGINE OIL AND FOUND NORMAL. INSTALLED NEW ELEMENT P\N: 6898947. REPLACED AIRFRAME MOUNTED SCAVENGE OIL FILTER P\N: 038088-08; SERVICED WITH **7QTS MOBIL 254 OIL.** COMPLIED WITH THE **FOLLOWING** 300 HR ENGINE **INSPECTION ITEMS**: REPLACED ENG DRIVEN FUEL PUMP FILTER P\N: 6895177, PERFORMED FUEL PUMP BYPASS VAIVE OPERATIONAL CHECK IAW RR M\M CHAPTER 73-10-01, INSP, CLEAN AND FLOW CHECKED FUEL NOZZLE; REPLACED AIRFRAME MOUNTED FUEL FILTER ELEMENT P\N: KD 651510 FILTER KIT. **ROLLS-ROYCE AD2004-26-09** EFD 2-8-05 COMPRESSOR ADAPTER COUPLING IS NOT APPLICABLE BY ENGINE MODEL DASH NUMBER. **ROLLS-ROYCE AD2004-24-09 EFD 1-5-05 INSP\REPLACE FUEL NOZZLE ASSY IS NOT DUE AT THIS TIME, WILL BE DUE AT 959.1 HOUR METER READING AND\ OR JUNE 30, 2006 WHICHEVER OCCURS FIRST.**ALL MAINTENANCE AND SERVICING IAW CURRENT BEECH, TRADEWIND, ROLLS ROYCE (ALLISON) AND HARTZELL MAINTENANCE MANUALS. AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY. **UPDATED AD COMPLIANCE RECORD.**

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (~~100HR~~) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 3-4-05. **WORK ORDER** 13362.
SIGNED _____ **INSPECTOR FOR JETSUN AVIATION CENTRE CRS# SG7R549J.**
A+P 2220229IA

F-2782A (12/98) (B)

Service Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- Engine Model 250-

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 S\N: E-3162 WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 4/6/2006 HM: 991.1 ATT: 991.1 ENG TT: 522.1 ENG CSN: ___, PROP TT: 523.4, PROP TSO: 440.8

COMPLIED WITH ANNUAL INSPECTION I.A.W. FAR 43 APPENDIX "D"; USING TRADEWIND\BEECHCRAFT BONANZA A-36 SERIES MAINTENANCE MANUAL SUPPLEMENT AND ROLLS ROYCE INSPECTION CHECKLISTS AS A GUIDE. COMPLIED WITH **ROLLS-ROYCE AD2004-24-09 EFD 1-5-2005 FUEL NOZZLE** INSPECTION/REPLACEMENT BY INSPECTION FOR CONTAMINATION IAW PAR (f) NO DEFECTS NOTED AND FUEL NOZZLE MODIFIED BY KEYSTONE ENGINE SERVICES CRS # YKER025K TO COMPLY WITH PAR (h) OF AD; SEE FAA FORM 8130-3 DATED 3/31/2006. REINSTALLED NOZZLE IAW ROLLS-ROYCE M/M CHAPTER 73-10-03. **COMPLIED WITH 200HR / 6 MONTH OIL CHANGE**: INSPECT AND CLEAN MAIN OIL FILTER, INSPECTED EXTERNAL AIRFRAME MOUNTED SCAVENGE OIL FILTER . INSPECTED AND CLEANED ALL (3) MAGNETIC DRAIN PLUGS. NOTE: OIL FILTERS AND MAGNETIC PLUGS WERE FOUND NORMAL. SERVICED ENGINE WITH 7 QTS MOBIL 254 OIL. ALL MAINTENANCE AND SERVICING IAW CURRENT BEECH, TRADEWIND, ROLLS ROYCE (ALLISON) AND HARTZELL MAINTENANCE MANUALS. AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY.
UPDATED AD COMPLIANCE RECORD.

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (~~100HR~~) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 4-6-06. WORK ORDER 13662.
SIGNED [signature] INSPECTOR FOR JETSUN AVIATION CENTRE CRS# ~~SG7R549J~~.
AP2220229IA

F-2782A (12/98) (B)

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV **MODEL: A 36** **S\N: E-3162** WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 10/17/06 HM: 1091.1 ATT:1091.0 **ENG TT**: 622.0 **CSN**:____, **PROP TT**:623.3 **PROP TSO**:540.7

COMPLIED WITH 100 HR INSPECTION I.A.W. FAR 43 APPENDIX "D"; USING TRADEWIND\BEECHCRAFT BONANZA A-36 SERIES MAINTENANCE MANUAL SUPPLEMENT AND ROLLS ROYCE M/M CHAPTER 72-00-00 TABLE 602 INSPECTION CHECKLISTS AS A GUIDE. **INSPECT, CLEAN AND FLOW CHECKED FUEL NOZZLE. COMPLIED WITH 200HR / 6 MONTH OIL CHANGE**: INSPECTED BOTH OIL FILTERS AND FOUND NORMAL. REPLACED MAIN OIL FILTER AND REPLACED EXTERNAL AIRFRAME MOUNTED SCAVENGE OIL FILTER . INSPECTED AND CLEANED ALL (3) MAGNETIC DRAIN PLUGS. NOTE: OIL FILTERS AND MAGNETIC PLUGS WERE FOUND NORMAL. SERVICED ENGINE WITH 6 **QTS MOBIL 254 OIL**. COMPLIED WITH **300HR INPECTION** PER ROLLS-ROYCE M/M CHAPTER 72-00-00 TABLE 602; REPLACED ENGINE DRIVEN FUEL PUMP FILTER AND EXTERNAL AIRFRAME MOUNTED FILTER ELEMENTS. ALL MAINTENANCE AND SERVICING IAW CURRENT BEECH, TRADEWIND, ROLLS ROYCE (ALLISON) AND HARTZELL MAINTENANCE MANUALS. AIRCRAFT GND RUN OPERATIONAL AND LEAK CHECKED SATISFACTORY.

I CERTIFY THAT THIS (AIRCRAFT) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 10-17-06 **WORK ORDER** 13804.
SIGNED [signature] **INSPECTOR FOR JETSUN AVIATION CENTRE CRS#** ~~SG7R549J.~~
AB2220229

Service Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- _____ Engine Model 250- _____

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA 51111 CRS# SG7R549J

N7EV MODEL: A 36 S\N: E-3162 WITH TRADE WIND TURBINE STC CONVERSION, S/N 871-034
ENG MODEL: 250 B17F2, S\N: CAE 881290.
PROP MODEL: HARTZELL, HC B3TF-7A, S\N: EXA 1144.

DATE: 4/1/2007 HM: 1160.9 ATT: 1160.9 ENG TT: 691.9 ENG CSN:___, PROP TT: 693.2, PROP TSO: 610.6

Complied with Annual Inspection IAW Far 43.15 and Far 43 Appendix "D", using Tradewind/Beechcraft Bonanza A36 Series maintenance manual supplement and Rolls-Royce maintenance manual chapter 72-00-00, Table 602, Inspection checklists as a guide. Topped off engine with 2 qts Mobil 254 after inspection. Inspect, clean and flow check fuel nozzle. Checked ignitor. **Rolls-Royce AD 2006-16-04 efd 9-7-2006; Fuel nozzle** Inspection, is not applicable by fuel nozzle part number, has p\n: 23077068 installed; Note: Fuel nozzle was Previously modified per AD2004-24-09 efd 1-5-05 on 3-30-06, see engine log. All maintenance and servicing IAW Current Beech, Tradewind, Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and Leak checked satisfactory. Updated AD Compliance Record.
Note: Alt/Static/Transponder checks Due: November, 2007. Note: Oxygen bottle hydrotest due: April. 2009.

I CERTIFY THAT THIS (A~~IRCRAFT~~) (ENG) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (~~100HR~~) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED 4/1-07 **WORK ORDER** 13913.
SIGNED _____ **INSPECTOR FOR JETSUN AVIATION CENTRE CRS# ~~SG7R549J~~**
IA 2220229

F-2782A (12/98) (B)

Engine Log

Jetsun Aviation Centre
Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT/TACH
5/2/2008	N7EV	Beech A36	E3162	1266.2	1266.2

Rolls-Royce Engine Model: 250B17F2 s/n: 881290. Eng TT: 797.2 Eng CSN:____

Complied with 100 hr inspection in accordance with FAR 43.15 and FAR 43 Appendix D, using Tradewind/Beechcraft Bonanza A36 Series maintenance manual supplement and Roll-Royce maintenance manual chapter 72-00-00, Table 602, inspection checklists as a guide. Complied with **200hr/6 month oil change** per Rolls-Royce m/m chapter 72-00-00 Table 602, serviced with 6.5 qts Mobil 254. All maintenance and servicing in accordancewith current Beeech, Tradewind,Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and leak checked satisfactory.

Note: Alt/Static/Transponder checks due: January, 2010. Note: Oxygen bottle hydrotest due: April, 2009.

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENGINE) (~~PROPELLER~~) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (~~ANNUAL~~) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED: 5/2/2008. WORK ORDER: 14162.
Signed Vincent C. Clemens **For, JetSun Aviation Centre CRS# ~~SC7R549J~~ Sioux City, IA 51111**
AP2220229

Engine Log

Jetsun Aviation Centre
Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT/TACH
6/4/2009	N7EV	Beech A36	E3162	1363.6	1363.6

Rolls-Royce Engine Model: 250B17F2 s/n: 881290. Eng TT: 894.6 Eng CSN:____

Complied with 100 hr inspection in accordance with FAR 43.15 and FAR 43 Appendix D, using Tradewind/Beechcraft Bonanza A36 Series maintenance manual supplement and Roll-Royce maintenance manual chapter 72-00-00, Table 602, inspection checklists as a guide. Inspected and cleaned main oil filter and chip detectors with no defects noted, added 2 qts Mobil 254. Note: Oil has 97.4 hrs and 12 months of time in service. Note: Engine 300 hour Inspection due @ 1391.1 Hobbs, 27.5 hrs remaining. All maintenance and servicing in accordance with current Beech, Tradewind, Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and leak checked satisfactory.
Note: Insp/Clean + Flow Checked Fuel Nozzles

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENGINE) (~~PROPELLER~~) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (~~ANNUAL~~) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED: 6/4/2009. WORK ORDER: 14388.
Signed Vincent C. Clemens AP2220229 **For, JetSun Aviation Centre CRS# ~~SC7R549J~~ Sioux City, IA 51111**

Service Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- _____ Engine Model 250- _____

Dat	Engine Log						Received Organization
	Jetsun Aviation Centre Sioux Gateway Airport						
	DATE	REGISTRATION	MAKE/MODEL	S/N	Hobbs	ACTT	
	8/9/2010	N7EV	Beech A36	E-3162	1488.1	1488.1	
	Rolls-Royce (Allison) Model: 250 B17F2 s/n: CAE-881290 ETT: 1019.1						
	Removed engine s/n CAE-881290 for repair by Premier Turbines.						
	Signed Vincent C. Chaisson For, JetSun Aviation Centre Sioux City, IA 51111. Work order: 14617						
	AP8220229						

F-2782A (12/98) (B)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
12/10/2010	TSN	1019.1	Repaired for oil leaking from prop flange seal and tested the engine I/A/W the Rolls Royce B17 Overhaul Manual Ed. 1 Rev. 14.		
12-20-10	NEW	1019.1	Repaired Turbine P/N 23033383 S/N CAT-81229 and inspected rest of Engine	B E Cupps	
	CSO: NEW	CSN: 810	for time continued repair with reference to Rolls Royce O/H/M GTP5243-3 1st		
			Edition Revision 14 dated June 15, 2010 (including up to TR E1R14-72-1 dated		
			September 24, 2010). Details under WO# 58366	B.E. Cupps NZUR892L	Premier Turbines

This certifies that only the work requested by the customer and described on our work order listed below, was accomplished and inspected in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of this repair are on file at this agency under:
W.O. No. A108836 Date: 12/10/2010
Signed _____ for
KEYSTONE ENGINE SERVICES CRS#YKERO25K
110 EAST STEWART HUSTON DR.
COATESVILLE, PA 19320
A Division of Keystone Helicopter Corp.

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- _____ Engine Model 250- _____

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			

Engine Log

Jetsun Aviation Centre
Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	Hobbs	ACTT
2/4/2011	N7EV	Beech A36	E-3162	1488.1	1488.1

Rolls-Royce (Allison) Model: 250 B17F2 s/n: CAE-881290 ETT: 1019.1 CSN: 810

Installed engine s/n CAE-881290 after repair by Premier Turbines in accordance with Rolls-Royce maintenance manual and Tradewind/Beechcraft Bonanza Maintenance manual supplement. ~~Gnd run ops and leak check satisfactory.~~ Serv with Mobil 254

Signed Vincent C. Chesson For, JetSun Aviation Centre Sioux City, IA 51111. Work order: 14617 & 14671.
A&P2220229 IA

Rigged engine and propeller controls in accordance with Rolls-Royce maintenance manual and Tradewind/Beechcraft Bonanza Maintenance manual supplement. Gnd run ops and leak check satisfactory. Sign. [illegible] A&P4455615 IA
2/4/2011

I CERTIFY THAT THIS (~~AIRCRAFT~~) (ENGINE) (~~PROPELLER~~) HAS BEEN INSPECTED IN ACCORDANCE WITH AN (~~ANNUAL~~) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
DATED: 2/4/2011. WORK ORDER: 14617 and 14671.
Signed Vincent C. Chesson For, JetSun Aviation Centre CRS# ~~SC7R549J~~ Sioux City, IA 51111
A&P2220229 IA

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

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Engine Serial Number CAE- _____ Engine Model 250- _____

Date					tion

Engine Log

Jetsun Aviation Centre
Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT/TACH
3/21/2012	N7EV	Beech A36	E3162	1587.2	1587.2

Rolls-Royce Engine Model: 250B17F2 s/n: 881290. Eng TT: 1118.2 Eng CSN:____

Complied with 100 hr inspection in accordance with FAR 43.15 and FAR 43 Appendix D, using Tradewind/Beechcraft Bonanza A36 Series maintenance manual supplement and Roll-Royce maintenance manual chapter 72-00-00, Table 602, inspection checklists as a guide. Complied With **300hr/12Month** (has external STC oil filter) oil change, inspected and cleaned main oil filter, inspected external oil filter, inspected and cleaned chip detectors, serviced with 7 qts **Mobil 254** oil. Inspected, cleaned and flow checked fuel nozzle. Inspected igniter, no defects noted. Note: **Engine 300 hour Inspection** due @ HM 1788.1; Hrs remaining: 200.9. Note: **AD 2006-13-06** efd 7/26/06 is not applicable by Gas Producer Rotor assembly Tie Bolt part number; reference engine log book Turbine assembly log card.
All maintenance and servicing in accordance with current Beech, Tradewind, Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and leak checked satisfactory.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ~~(ANNUAL)~~ (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATED: 3/21/2012. WORK ORDER: 14915.

Signed Vincent C Chevrier For, JetSun Aviation Centre ~~CRS# SG7R549J~~ Sioux City, IA 51111
AP2220229IA

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
Page No.
Engine Model 250-

Engine Serial Number CAE-

Date | tion

Jetsun Aviation Centre
Sioux Gateway Airport

Engine Log

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT/TACH
4/19/2013	N7EV	Beech A36	E3162	1679.6	1679.6

Rolls-Royce Engine Model: 250B17F2 s/n: 881290. Eng TT: 1210.6 Eng CSN: 970 F

Complied with 100 hr inspection in accordance with FAR 43 15 and FAR 43 Appendix D, using Tradewind/Beechcraft Bonanza A36 Series maintenance manual supplement and Roll-Royce maintenance manual chapter 72-00-00, Table 602, inspection checklists as a guide. Inspected and cleaned chip detecters; no defects noted at this time. Topped off oil tank as required with Mobil 254 oil. Inspected, cleaned and flow checked fuel nozzle: no defects noted. **Replaced Spark Igniter with new;** p/n CH34168. Note: 200 hour oil change not due by hours; 92.4 hrs TIS on oil. Note: **Engine 300 hour Inspection** due @ HM 1788.1; Hrs remaining 108.5.
All maintenance and servicing in accordance with current Beech, Tradewind, Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and leak checked satisfactory.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN (ANNUAL) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATED: 4/19/2013, WORK ORDER: 15143.

Signed [signature] AP2220229 IA For, JetSun Aviation Centre CRS# ~~SG7R549J~~ Sioux City, IA 51111

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

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Page No. _____

Engine Serial Number CAE- _____ Engine Model 250- _____

Organization

Engine Log

Jetsun Aviation Centre
Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT/TACH
5/1/2014	N7EV	Beech A36	E3162	1785.2	1785.2

Rolls-Royce Engine Model: 250B17F2 s/n: 881290. Eng TT: 1316.2 Eng CSN:____

Complied with 100 hr inspection in accordance with FAR 43.15 and FAR 43 Appendix D, using Tradewind/Beechcraft Bonanza A36 Series Maintenance Manual supplement and Roll-Royce Maintenance Manual chapter 72-00-00, Table 602, Inspection checklists as a guide. Inspected and cleaned chip detectors; no defects noted at this time. Complied with **300hr/12Month** (has external STC oil filter and using 3rd Generation Oil) **oil change**, inspected and cleaned main oil filter, inspected external oil filter and replaced with new element, p/n 038088-08; inspected and cleaned chip detectors, serviced with 6 qts **Mobil 254** oil in accordance with Tradewind/Beechcraft Bonanza A36 Series Maintenance Manual supplement and Roll-Royce Maintenance Manual chapter 72-00-00, Table 602, Inspection checklists. Complied with **300 Hour Inspection** referencing Tradewind/Beechcraft Bonanza A36 Series Maintenance Manual supplement and Roll-Royce Maintenance Manual chapter 72-00-00, Table 602; replaced Engine Driven fuel pump filter element with new; complied with Engine Driven Fuel Filter Bypass Valve Operational check, no defects noted; replaced External Airframe mounted Fuel Filter element with new; inspected and cleaned Pc air filter, no defects noted; inspected, cleaned and flow checked fuel nozzle, no defects noted. All maintenance and servicing in accordance with current Beech, Tradewind, Rolls-Royce (Allison) and Hartzell maintenance manuals. Aircraft ground run, ops and leak checked satisfactory.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN (~~ANNUAL~~) (100HR) INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DATED: 5/1/2014. WORK ORDER: 15339.

Signed _____ **For, JetSun Aviation Centre ~~CRS# SG7R319J~~ Sioux City, IA 51111**

AP2220229I1

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
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Engine Serial Number CAE- 88290 Engine Model 250- B17

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
6/26/14	Hobbs-	1793.6	Eng. TT-1327.3 Total Cycles 1029		
	Removed Engine		From Beechcraft A36 Propjet S/N FE3162		
	N7EV due to Turbine Rub. sent to Keystone Turbine				
	Serviced For Repair				
	James E Whelley		Palo Daro Aircraft Serviced		
	A+P 3613323IA		W.O.# 50427		

Date: 11/4/2014 TT: 1327.3 TC: 1029

Performed the 100 hour inspection as indicated on the scheduled inspection checklist provided with this maintenance release IAW the Rolls-Royce B17F Operation and Maintenance Manual Ed 1, TR E1R20-72-3. Repaired for turbine N1 rub, inspected the coordinator and the fuel nozzle, and tested the engine IAW the Rolls-Royce B17F Overhaul Manual Ed 1, Rev 18.

The powerplant and/or component identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under:

W.O. No. 097337 Date 11/5/2014

Signed _____ for

KEYSTONE TURBINE SERVICES CRS # 8MHR895B
COATESVILLE, PA 19320
KTS-07

GT-2784A (7/03)

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
Page No. _____

Engine Serial Number CAE- _____ Engine Model 250- _____

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
			N7EV Engine Logbook Entry		
			Palo Duro Aircraft Services		
			Date 11/18/2014 Hobbs 1796.3 Engie TT 1327.3 cycles 1029	WO 50417	
			Installed Engine after repair by Keystone Turbine Services, rigged as per		
			Tradewind, and Rolls/Royce Maintenance Manual. Ground run checks good.		
			James E Whatley		
			James E. Whatley A&P 3613323IA		

GT-2784A (7/03)

Inspection - Maintenance - Overhaul Record
Engine Assembly

Rolls-Royce

Part IV
Page No. _____

Engine Serial Number CAE- 881290 Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
Date: 3-30-2015			Total Time: 1,338.0 Total Cycles: 1,032 Inspected and repaired for metal in oil and tested in accordance with the Rolls- Royce B17F/2 Overhaul Manual Edition 1, Revision 18 .		
			This certifies that only the work requested by the customer and described on our work order listed below,was accomplished and inspected in accordance with current Federal Aviation Regulations, and is approved for return to service. Pertinent details of the repairs are on file at this agency under: W.O. No. 009223 Date 3/30/2015 Signed _____ for KEYSTONE TURBINE SERVICES CRS # 8MHR895B COATESVILLE, PA 19320 FORM KTS-08		

GT-2784A (7/03)

GT-2784A (7/03)

Service Record
Engine Assembly

Rolls-Royce

Part II
Page No. _____

Engine Serial Number CAE- _____ Engine Model 250- _____

Date				eceived Organization

A.I.R.
Aircraft Inspection & Repair LLC
R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132
(918)296-0901

ENGINE CAE-881290

HOBBS: 1803.3

TACH

W/O#: 7EV.0415 | REG.# N7EV | SERIAL# E-3162

REMOVED ENGINE B17F/2 S/N CAE-881290, HAD REPAIRED AND REINSTALLED. FLUSHED OIL COOLERS AND ALL OIL HOSES. REINSTALLED ENGINE AFTER REPAIR WITH SAME PROPELLER AS REMOVED. PROP INSTALLED WITH NEW ORINGS AND BOLTS. TORQUED AND SAFETIED PER MM. SERVICED ENGINE WITH MOBILE 254 OIL AND NEW FILTERS. REMOVED PROP TACH, HAD REPAIRED AND REINSTALLED. GROUND RUN AND LEAK CHECK OK. THIS AIRCRAFT RETURNED TO SERVICE AFTER THIS REPAIR.

DATE: 05.07.2015

Barry Bredensteiner

BARRY BREDENSTEINER/2793773 AP/IA

A.I.R.
Aircraft Inspection & Repair LLC
R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132
(918)296-0901

ENGINE
CAE-881290

W/O#: 7EV.0515 | REG.# N7EV | SERIAL# E-3162

HOBBS: 1806.9
TACH

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH BONANZA A36 SERIES MAINTENANCE CHECK LIST AND TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 038088-08 OIL FILTER. SERVICED ENGINE WITH 7 QTS MOBIL JET 254 TURBINE OIL. REPLACED OIL, FUEL AND PNEUMATIC FILTERS WITH NEW. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE: 06.19.2015

BARRY BREDENSTEINER/2793773 AP/IA

GT-2784A (7/05)

Service Record
Engine Assembly

Rolls-Royce

Part II
Page No. _____

Engine Serial Number CAE- _____ Engine Model 250- _____

A.I.R. Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901			ENGINE CAE-881290	Received Organization
			HOBBS: 1850.0	
W/O#: 7EV.0616	REG.# N7EV	SERIAL# E-3162	TACH	

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH BONANZA A36 SERIES MAINTENANCE CHECK LIST AND TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 038088-08 OIL FILTER. SERVICED ENGINE WITH 8 QTS MOBIL JET 254 TURBINE OIL. CHECKED AND CLEANED CHIP DETECTORS. CLEANED AND REPLACED FUEL FILTERS. CHECKED AND INSPECTED FUEL NOZZEL AND IGNITOR PLUG. CLEANED TORQUE OIL PRESSURE ORPHEUS AND REINSTALLED. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE: 06.21.2016

Barry Bredensteiner

BARRY BREDENSTEINER/2793773 AP/IA

F-2782A (12/98) (B)

A.I.R. Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901			ENGINE CAE-881290 ECSN: 1099.
W/O#: 7EV.0617	REG.# N7EV	SERIAL# E-3162	HOBBS: 1890.5 ETT: 1421.5

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH BONANZA A36 SERIES MAINTENANCE CHECK LIST AND TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 038088-08 ELEMENT KIT. SERVICED ENGINE WITH 8 QTS MOBIL JET 254 TURBINE OIL. CHECKED AND CLEANED CHIP DETECTORS. CLEANED AND REPLACED FUEL FILTERS. CHECKED AND INSPECTED FUEL NOZZLE AND IGNITOR PLUG. CLEANED TORQUE OIL PRESSURE ORPHEUS AND REINSTALLED. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE: 06.27.2017

Barry Bredensteiner

BARRY BREDENSTEINER/2793773 AP/IA

GT-2/84A(7/03)

Rolls-Royce

Engine Serial Nu

Date				ed / anization

A.I.R.
Aircraft Inspection & Repair LLC
R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132
(918)296-0901

ENGINE
CAE-881290
ECSN: 1113.8
HOBBS: 1905.3
ETT: 1436.3

W/O#: 7EV.0618 | REG.# N7EV | SERIAL# E-3162

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH BONANZA A36 SERIES MAINTENANCE CHECK LIST AND TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 038088-08 ELEMENT KIT. SERVICED ENGINE WITH 8 QTS MOBIL JET 254 TURBINE OIL. CHECKED AND CLEANED CHIP DETECTORS. CLEANED AND REPLACED FUEL FILTERS. CHECKED AND INSPECTED FUEL NOZZLE AND IGNITOR PLUG. CLEANED TORQUE OIL PRESSURE ORPHEUS AND REINSTALLED. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE: 06.18.2018

BARRY BREDENSTEINER/2793773-AP/IA

F-2782A (12/98) (B)

A.I.R. **Aircraft Inspection & Repair LLC** **R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132** **(918)296-0901**			ENGINE CAE-881290 **ECSN: 1115.7** **HOBBS: 1907.2**
W/O#: 7EV.0719	**REG.# N7EV**	**SERIAL# E-3162**	**ETT: 1438.2**

COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH BONANZA A36 SERIES MAINTENANCE CHECK LIST AND TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 3609088-1 OIL FILTER. SERVICED ENGINE WITH 8 QTS MOBIL JET 254 TURBINE OIL. CHECKED AND CLEANED CHIP DETECTORS. CLEANED AND REPLACED FUEL FILTERS. CHECKED AND INSPECTED FUEL NOZZLE AND IGNITOR PLUG. CLEANED TORQUE OIL PRESSURE ORPHEUS AND REINSTALLED. REMOVED PROP GOVERNOR FOR OVERHAUL. INSTALLED OVERHAULED, EXCHANGE P/N 8210-140 S/N WF-13577853 FOR TORQUE FLUXATION. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE: 07.23.2019

BARRY BREDENSTEINER 2[illegible]3 AP/IA

Tulsair Beechcraft, Inc

3207 N. Sheridan Road Tulsa, OK 74115 918-835-7651

7 August 2020 N7EV A36 E-3162 1945.6HM 1945.6ACTT ENGINE S/N CAE-881290 1477.9ETT CSN

1) Complied with 100 hour/12 month and 200-hour Tradewind Turbines inspections. Complied with 150 hour/12 month, 300, 600, and 1500-hour Rolls Royce inspections in reference with Rolls Royce M250-B17F Series Operation and Maintenance inspection check sheet and M.M. Chapter 72-00-00.
2) Complied with 600-hour/12-month oil change per 300-hour engine inspection in reference with Rolls Royce M250-B17F Series Operation and M.M. Chapter 72-00-00.
3) Complied with 1500-hour overhaul of bleed air valve by installing an overhauled unit P/N off and on: 23073207, S/N off: FF59541, S/N on: FF56360. (overhauled by Accurate Accessories CRS# ZR9R067X under W.O.# 191051)
4) AD's checked through bi-weekly 2020-16.
5) Ground run and leak checked. No defects noted.

I certify this engine has been inspected in accordance with 100 hour/12 month, 200-hour, 150 hour/12 month, 300, 600, and 1500-hour inspections, and was determined to be in airworthy condition. Details on file under WO: 227430.

Stephen K. Haralson
A&P 3077931

Tulsair Beechcraft, Inc

3207 N. Sheridan Road Tulsa, OK 74115 918-835-7651

7 August 2020 N7EV A36 E-3162 1945.6HM 1945.6ACTT ENGINE S/N CAE-881290 1485.3ETT 1137CSN

1) Serviced engine oil with 1-quart Mobil 254 oil in reference with Tradewind Turbine Allison powered A36 Bonanza M.M. Supplement Chapter 79-00-00.
2) Remove engine top cowl and performed leak check in reference with Tradewind Turbine Allison powered A36 Bonanza M.M. Supplement Chapter 71-10-00. Leak check ok.

Details on file under WO: 227441.

Jason Welborn
A&P2781697

F-2782A (12/98) (B)

Rolls-Royce

d

nization

Tulsair Beechcraft, Inc

3207 N. Sheridan Road Tulsa, OK 74115 918-835-7651

02 Dec 2020 N7EV A36 E-3162 1967.1HM 1967.1ACTT ENGINE S/N CAE-881290 1506.8ETT 1147CSN

1. After chip annunciator illuminated after shut down, removed cowling and examined all chip detectors. Lower (2ea) chip detectors showed light amounts of normal metallic paste, upper (1ea) chip detector showed no paste, had 1 small chip (approximately .002" diameter and .091" length). Cleaned chip detectors and reinstalled, performed ground run for 30 minutes at power. Removed and inspected all chip detectors, no defects noted. Installed chip detectors with new orings (3ea) P/N: AS3208-05, performed ground run, ops and leak check ok, installed cowling in reference with Rolls Royce M250-17BF Operation and Maintenance Manual Chapter 72-00-00.

Details on file under WO: 227487.

Jason Welborn
A&P2781697

Tulsair Beechcraft, Inc

3207 N. Sheridan Road Tulsa, OK 74115 918-835-7651

16 Sept 2021 N7EV A36 E-3162 1986.7HM 1986.7ACTT 1523ACTL ENGINE S/N CAE-881290 1519.0ETT 1137CSN

1. Complied with 100 hour/12 month and 200-hour Tradewind Turbines inspections. Complied with 150-hour/12-month Rolls Royce inspections in reference with Rolls Royce M250-B17F Series Operation and Maintenance inspection check sheet and M.M. Chapter 72-00-00.
2. AD's checked through bi-weekly 2021-19.
3. Ground run and leak checked. No defects noted.

I certify this engine has been inspected in accordance with 100 hour/12 month and 150 hour/12 month, and was determined to be in airworthy condition. Details on file under WO: 227581.

Stephen K. Haralson
A&P 3077931

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 10/07/2022; Aircraft: N7EV
N7EV A36 s/n: E-3162 Hobbs: 2036.9
MA22-06795 Dated 10/07/2022
Discrepancy: 1
Annual inspection is due.
N7EV. Beech model A36 s/n E3162. HM and ACTT is 2036.9 hrs. Engine TT is 1569.2 hrs. Propeller TSOH is 91.3 hrs. Performed annual inspection using inspection form P/N 98-32227T dated April 1, 2014. Researched AD notes on the airframe, engine, propeller and appliances. Reviewed equipment for compliance with FAA Type Certificate # 3A15 rev. 98 dated Oct. 12, 2016. Reviewed placards per Type Certificate and Tradwind Turbine Corp. STC# SA3523NM Allison 250-B17C turbine engine conversion. CW FAR91.207 d ELT tests. CW FAR 91.411 &413 IFR certifications. Altimeters certified to 25,000 feet.
Airframe time items on this a/c are as follows: ELT battery is due Dec. 24, ELT tests iaw FAR 91.207 d is due Oct. 31 2023. Annual inspection expires 10-31-23. Aircraft battery capacitance test is due Oct. 23. IFR certifications expire Oct. 31, 2023. Oxygen bottle hydrostatic test is due July 2025. Oxygen bottle replacement is due March 2030. Composite bottle p/n 127052 s/n alt281-32891. Regulator is p/n 803216-07. Hand fire extinguisher replacement is due Sept 2033. Inline instrument air filter is due 2086.7 hrs. Instrument pressure filter is due at 2486.7 hrs. IFR certifications expire Oct. 31 2024.
I certify this aircraft has been inspected iaw an Annual Inspection and is Airworthy at this date Oct. 6, 2022. MA22-06790 dated Oct. 6, 2022. Signature _____ Autopilots Central Inc. Tulsa, OK. 74115 CRS# CMR747K.
Discrepancy: 2
Airframe and special inspections.
IFR certifications were completed on this aircraft. C/W FAR91.207 (d) ELT and G switch test. ELT 110-4 p/n: 453-

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa,
(918)836-6418

0150 s/n:74694 Battery due 12/2024. Battery capacitance test 130%. Serviced Oxygen. Inspected all flight controls and flight control cables. Checked cable tensions. Lubricated all flight control surfaces. Cleaned and inspected induction filter. Inspected wheels and brakes. Serviced brake reservoir. Greased wheel bearings. Jacked aircraft and inspected landing gear using beechcraft gear inspection forms. Checked all cable tensions, greased all grease points. Checked emergency gear extension. Ran gear several times for proper operation. Checked all outside navegation and strobe lights.
Discrepancy: 3
Engine 100 / Annual inspection.

Time items on this engine at follows:
N7EV. Rolls Royce engine model 250-B17F/2 serial number CAE-881290. ACTT is 2036.9 hrs. Engine TT is 1569.2 hrs. Estimate cycles are 1182. Engine overhaul time is 3500 hrs. Hot Section Inspection is recommended at 1750 hours and is on condition. NOTE: First Stage wheel p/n 23073813 and second stage wheel p/n 23073814 in the Turbine rotor are due replacement at 1775 hrs. per section 05-10-03 in the MM. Have 206 hours remaining on these wheels.
Inspected engine using the current inspection list in the operation and maintenance manual section 72-00-00 taable 602. CW 100 hour inspection items. Inspection of fuel control linkage and travels. Visual insp. of compressor inlet guide vanes and blades. Visual insp. of compressor scroll for cracks and damage. Visual insp. of the Pc filter end fitting with 10X glass. Visual insp.of compressor discharge tubes. Visual inspection of accessory attachment. Cleaned burner drain valve. Replaced oil and fuel filter elements. Changed oil and serviced with MObil Jet 254. Inspected magnetic chip plug.
I certify this engine has been inspected iaw an Annual / 100 Hour inspection and found to be Airworthy this date

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Oct.6, 2022. Signature Ken Fish Autopilots Central Inc. Tulsa OK. 74115 CRS # CM2R747K.
Discrepancy: 4
Propeller 100 hour / Annual inspection is due.
N7EV. Hartzell Propeller model HC-B3TF-7A hub s/n EXA1144. ACTT and HM 2036.9 hrs. Propeller TT is 1567.9 hrs. TSOH is 91.3 hrs. Propeller overhauled by Intercontinental Jet Service on August 7, 2020. I certify this propeller has been inspected iaw an 100 Hour Annual Inspection and was determined to be in an airworthy condition this date Oct. 6, 2022. Autopilots Central Inc CRS# CMR747K WO# MA22-06790 Signature Ken Fish

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature Ken Fish

AUTOPILOTS CENTRAL INC

Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Date: 12/08/2023; Aircraft: N7EV
N7EV A36 Turbine s/n: E3162
Discrepancy: 1
Annual inspection is due.
N7EV A36 Turbine s/n: E3162 Hobbs:2063.0. Completed Annual inspection using inspection form p/n: 98-32227T dated 04/1/2014. Researched AD notes on Airframe, Engine, Propeller and appliances. Reviewed TCDS #3A15 Rev. 98 dated 10/12/2016. Reviewed placards per TCDS and Tailwind Turbine Corp. STC #SA3523NM Allison 250B17C turbine engine conversion. C/W FAR 91.207 (d) ELT and G switch test.ELT battery due 122024. ELT 110-4 p/n: 453-0150 s/n: 74694. IFR certification due10/2024. Oxygen bottle hydrostatic test due 07/2025. Oxygen bottle replacement due 03/2030. Hand held fire extinguisher replacement due 09/2033.Inline Air filter due 2086.7. Instrument air pressure filter due 2086.7. Annual Inspection due 11/2024. I certify this Aircraft has been Inspected iaw an Annual Inspection and is Airworthy on this date.
MA23-07160 Dated: 11/28/2023.
Signature:
Autopilots Central Inc.
Tulsa, Okla.74115
CM2R747K.

Sublet Service Completed: 12/04/2023
Description: Post Annual Wash
Performed By: Afterglow Aircraft Solutions PO #: PO23-24694
Discrepancy: 2
Airframe and special Inspection.

AUTOPILOTS CENTRAL INC

Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Battery terminals cleaned (corrosion). Replaced tail beacon lamp. Installed new main battery Gill G-247 s/n: G03207860. Cleaned inspected and lubricated all wing bolts and nuts. C/W SB 76-3763 rev 1 by installing 3ea MS21042L3 nuts. Checked throttle waring and gear retraction prevention. Inspected all flight controls and lubricated. Inspected wheels an brakes.Serviced brake reservoir. Completed landing gear rigging inspection. Cycled landing gear several times and preformed emergency extension. Printed and attached (External power 24 volts) placard on power excess door.Checked all interior and exteroir lighting.
Discrepancy: 3
Engine 100 hour / Annual Inspection.
Engine: 250-B17F/2 s/n: CAE-881290 time: 1595.3. Completed 100 hour / Annual inspection using Beech craft and Rolls Royce inspection forms. Cleaned and inspected engine. (did not change oil). Lubricated engine controls. Inspected engine for fluid leaks. Inspected exhaust systems and engine mounts. Note: First stage wheel p/n: 23073813 and second stage wheel p/n: 23073814 in the turbine rotor due replacement at 1748.9 hours per section 05-10-03 in MM. Have 179.9 hours left on wheels. Inspected engine using current operational nd maintenance manual section 7200-00-00 table 602. Visual inspection of compressor inlet guide vanes and blades. Visual inspection of compressor scroll for cracks and damage. Visual inspection of PC filter end fitting using 10X glass. Inspected magnetic chip plug. I certify that this engine has been inspected IAW a Annual inspection and is Airworthy.
MA23-07160
Dated: 12/08/2023
Signature: TED KENTIS
Autopilots Central Inc.
Tulsa, Okla. 74115
CM2R747K
Discrepancy: 4

AUTOPILOTS CENTRAL INC
Hangar 23, Tulsa International Airport-Tulsa, OK 74115
(918)836-6418

Propeller 100 hour / Annual inspection.
Propeller Hartzell HC-B3TF-7A hub s/n: EXA1144 Propeller time 117.4. Completed 100 hour / Annual inspection using Beechcraft and Hartzell inspection forms. I Certify that this propeller has been inspected iaw a 100 hour / Annual inspection and is Airworthy.
MA23-07160 Date: 12/08/2023
Signature:
Autopilots Central Inc.
Tulsa, Okla.74115
CM2R747K

The articles and/or work hereon described is/are certified airworthy (unless otherwise specified).
Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature

AUTOPILOTS CENTRAL INC

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Date: 2/25/2025; Aircraft: N7EV

Annual Inspection due.
N7EV Beech A36 Turbine s/n: E3162. Hobbs: 2101.5. Completed Annual Inspection using Beech inspection forms. Researched AD notes on Airframe, Engine, Propeller and appliances. Researched Service bulletins. Reviewed TCDS #3A15 Rev 98 dated10/12/2016 and Tailwind Turbine Corp STC#SA3523NM Allison 250B17C Turbine Engine. conversion. C/W FAR 91.207 (d) ELT and G switch test. ELT battery due11/ 2027.ELT 110-4 p/n: 453-0150 s/n: 74694. IFR cert's due 12/2026.Oxygen bottle Hydro static test due 07/2025. Oxygen bottle replacement due 03/2030. Hand held fire extinguisher due replacement 09/2033. Annual Inspection due 02/2026.I certify that this Aircraft has been inspected IAW a Annual Inspection and is Airworthy.
MA24-07480 Date:02/24/2025.
Signature::_____
Autopilots Central Inc.
Tulsa, Okla.74115
CRS CM2R747K
Discrepancy: 2
Airframe Inspection
Completed Airframe Inspection using Beech A 36 Inspection forms. Replaced Instrument Air Filter. Replaced Instrument Pressure Filter. Repaired door seal (operational check OK). Serviced brake Reservoir. Inspected and Lubricated Flight controls. Checked Flight controls cable tensions. Inspected brakes and calipers Removed brake calipers and resealed, reinstalled and bled brakes. Battery CAPS test 109%. Installed new ELT battery p/n: 452-0130 s/n: 1015507-008 expires 11/2027. Completed landing gear rigging inspection Operational check OK. Checked Emergency extension. Checked Interior and exterior lighting and strobes. Located Flux detector and move clockwise 6-8 degrees for correct slaving.
Discrepancy: 3
Engine 100 hour Inspection.
Engine: 250-B17 F/@ s/n: CAE-881290 Time: . Completed 100 hour Inspection using Beechcraft and Rolls / Royce inspection forms. Cleaned and Inspected Engine. Changed Oil and inspected filter. Lubricated engine controls. Inspected engine for fluid leaks. Inspected exhaust system and engine mounts. Note: First stage wheel p/n:

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23073813 and second stage wheel p/n: 23073814 in turbine rotor due replacement 1748.9 hours per section 05/10/03 in MM. Visual inspection of compressor inlet guide vanes and blades. Visual Inspection of compressor scroll for cracks and damage (none found). Inspected Engine using current Operational and maintenance section 7200-00 -00 Table 602. Visual Inspection of PC filter using 10X glass. Inspected magnetic chip plug (clean). I certify that this Engine has been Inspected IAW a !00 hour / annual Inspection and found Airworthy.
MA24-07480 Dated 02/24/2025.
Signature:_____
Autopilots Central Inc.
Tulsa, Okla.74115
CRS CM 2R747K
Discrepancy: 4
Propeller 100 hour Inspection.
Propeller: Hartzell HC-B3TF-7A hub s/n: EXA1144 Propeller time:155.9. Completed 100 hour / Annual Inspection using Beechcraft and Hartzell Inspection forms. I Certify that this Propeller has been Inspected IAW a 100 hour / Annual Inspection and is Airworthy.
MA24-07480 Dated: 02/24/2025
Signature:_____
Autopilots central Inc.
Tulsa, Okla. 74115
CRS CM2R747K
Discrepancy: 5
IFR certifications due.
UNITED ALTIMETER P/N 5035PB-P57 S/N 29032 - TESTED & CERTIFIED I/A/W 14 CFR 43 APP E PAR (b) TO 25,000.
TEST & INSPECT GTX 345 TRANSPONDER S/N 3EG30963 I/A/W 14 CFR 91.413 & 43 APP F.
TEST & INSPECT ALTITUDE REPORTING SYSTEM I/A/W 14 CFR 91.411 & 43 APP E PAR (c)
CERTIFY STATIC SYSTEM I/A/W 14 CFR 91.411 & 43 APP E PAR (a)
Performed By: Porter-Strait Instrument Co., Inc. PO #: PO24-25705

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Autopilots Central, Inc.
FAA CRS CM2R747K
Authorized Signature_____

9-25-26 N7EV Hobbs: 2107.7 Engine total: 1647.4
Inspected in accordance with applicable sections of FAR 43 appendix D. I certify this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition. David Bogan A&P 455216543 IA