

# SERVICE RECORD

## ENGINE ASSEMBLY

Part I

Page No. \_\_\_\_\_

Engine Serial Number CAE-881216 Engine Model A250-B17F/2

INSTALLED					REMOVED			
Date	Owner	A/C	TT	TSO	Date	TT	TSO	Reason
			CSN	CSO		CSN	CSO	
					02/01/96	35.80	NEW	FULL PERFORMANCE EVALUATION
						73	NEW	
2-22-96		N510K S/N E-2202	35.80	NEW	22/09/99	386.6	NEW	BIRD STRIKE F.O.D.
			73	NEW		425	NEW	
			386.6	NEW				
			425	NEW				
2-16-11	Steve Wells	N72121 S/N E2202				1791.0	NEW	Hot Section Insp.
						1885	NEW	
7-30-11	STEVE WELLS	N72121 S/N E2202	1791.0	New	10-25-11	1837.4	"	STICKING TORQUE
			1885	New			"	
			1837.4	New				
			1911	New				

# TRANSFER RECORD

SHIPPED			Engine Time		RECEIVED	
Date	From	To	Since OH	Total	Date	By
			NEW	35.8	02/01/96	DALLAS AIRMOTIVE, INC.
02/15/96	DALLAS AIRMOTIVE	ALLISON	NEW	35.8		
	WISC. AVIA.	SAL	NEW	386.6	22/09/99	SAL
OCT 22 1999	SAL	WISC. AVIA.	NEW	386.6		
					11/03/11	AeroMaritime
12/21/11	AeroMaritime	Aircraft Insp.	New	1837.4		

# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## ENGINE ASSEMBLY

GT 2784A-1 (9-83)

Engine Serial Number CAE-881216

Engine Model 250-B17F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
4-25-94	NEW	0.0	FUEL SYSTEM PRESERVED WITH MIL-0-6081 OIL	<i>Em Fisher</i>	AGT-GMC
1-26-96	NEW	43.5	Remove FCU P/N 23057347, S/N BR56658, B.V. P/N 23053190, S/N FFS6110 for bench test & repair as necessary for stalling. Install FCU P/N 23057345, S/N BR57266, T.I. O.D. B.V. P/N 23053190, S/N FFS6110, T.I. 43.5. Units installed, tested & leak check IAW A250 Maint. Manual, Ref W.O. # TS 0029	<i>Jm Hall</i>	Dallas Instruments YRKR4912

# INSPECTION — MAINTENANCE — OVERHAUL RECORD

## ENGINE ASSEMBLY

GT 2784A-1 (9-83)

Engine Serial Number CAE- 881216

Engine Model 250- B17P/2

Date	Engine Time		Remarks	Signature	Organization
	Since CH	Total			
<u>2/01/96</u>	<u>NEW</u>	<u>35.8</u>	<u>REMOVED THIS ENGINE S/N CAE-881216 FROM BEECH A36 S/N E-2964 AT ACTT: 46.3 ON W.O. X50120 Many sparks for</u>		

POWERPLANT LOG BEECH MODEL A36 SN: E-2964 N 472JW  
 01-26-96 FHM: 43.5 ENGINE SN: CAE-881216 ETT: 43.5  
 REMOVED FCU PN 2524986-7, SN: BR 56658 AND INSTALLED NEW FCU PN 2524986-7,  
 SN: BR 57266. REINSTALLED BLEED VALVE PN 23053190, SN: FF56110 WITH NEW  
 GASKET AFTER REPAIR BY CRS# YRRR491L. OPERATIONAL AND LEAK CHECK OF  
 ENGINE SATISFACTORY.

MOTIVE, INC.  
 DIVISION  
 2R237L

THIS ENGINE APPROVED FOR RETURN TO SERVICE.

Jim Hall                      YRRR491L  
 SIGNATURE                      A & P #







AeroMaritime  
America, Inc.

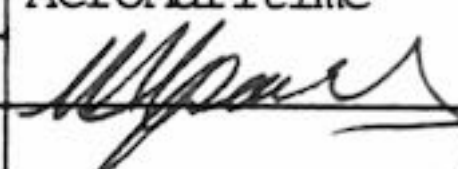
AD NOTE COMPLIANCE  
AND  
CEB MODIFICATION RECORD  
ENGINE ASSEMBLY

GT-2786D

Engine Serial Number CAE-881216

Engine Model 250-B17F/2

Part III  
Page No. \_\_\_\_\_

AD No.	Applicable CEB No.	DATE Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. Date Next Comp. @ Hours	Signature and Certificate Number
	TPCEB-73-2020R4	05/26/11 1791.0	Replacement of FCU drive bearings	X		N/A N/A	AeroMaritime 
	TPCEB-73-2023R2	05/26/11 1791.0	Rework of stop nut.	X		N/A N/A	
	TPCEB-A-73-2027R3	05/26/11 1791.0	FCU- replacement of internal spring.	X		N/A N/A	
	TPCEB-73-2028R1	05/26/11 1791.0	FCU- New bypass retention plate.	X		N/A N/A	
	TPCEB-73-2030R1	05/26/11 1791.0	FCU- 1 time insp. of screws	X		N/A N/A	
	TPCEB-73-2034	05/26/11 1791.0	FCU replacement of cutoff valve lever.	X		N/A N/A	
	TPCEB 73-2019R1 2019	05/26/11 1791.0	FCU Bracket bolts replacement.	X		N/A N/A	



# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Engine Serial Number CAE- 881216 Engine Model A250-B17F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
02/15/96	NEW	35.8	ACCOMPLISHED FULL PERFORMANCE EVALUATION TEST.		
	CSO; NEW	CSN: 73	DETAILS ON FILE UNDER W/O AG0010.	<i>[Signature]</i>	DALLAS AIRMOTIVE
2-22-96	NEW	35.8	INSTALLED ENGINE IN AIRFRAME S/N E-2202		
	CSN	75	AT THIS TIME, PERFORMED RIGGING, COMPRESSOR WASH AND GROUND RUN AND LEAK CHECK IN ACCORDANCE WITH ALLISON 250-B17 F/2 MAINTENANCE MANUALS OK BETA VALVE SETTING AT 32 MM. ENGINE INSPECTED AND DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE	<i>[Signature]</i>	ATP 262494486
			END		

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV

Page No. 4

Engine Serial Number CAE-881216

Engine Model 250-B17 F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
5-22-96	NEW	73.4	REMOVED, INSPECTED AND CLEANED		
	CSN	107	ENGINE INTERNAL OIL FILTER IN		
			ACCORDANCE WITH ALLISON MAINTENANCE		
			MANUAL 72-00-00 PG. 614 TABLE 603 ITEM		
			27, NO PARTICLES FOUND. REINSTALLED		
			FILTER AND LEAK CHECKED OK. RESERVICED		
			OIL SYSTEM. ENGINE APPROVED FOR RETURN		
			TO SERVICE. ———— END ————	<i>John Kullbi</i>	A+P262494486
8-15-96	NEW	101.0	REMOVED FOLLOWING ITEMS DUE		
	CSN	147	TO PROPELLER UN-FEATHERING,		
			PROPELLER GOVERNOR, OVERSPEED		
			GOVERNOR AND PROPELLER GEARBOX		

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV  
Page No. 5

Engine Serial Number CAE 881216 Engine Model 250-B17 F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
8-15-96	NEW	101.0	(CONT. FROM PREVIOUS PAGE) INSTALLED		
	CSN	147	NEW PROP GOVERNOR, LOANER OVERSPEED GOVERNOR AND PROPELLER GEARBOX WHICH WAS INSPECTED AND REPAIRED BY AIRWORK MILLVILLE. AIRCRAFT GROUND RAN AND LEAK CHECKED OK. ENGINE DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE		
			————— END —————	<i>John A. Kowall</i>	AIPC62494486
				JOHN A. KOWALL	



# INSPECTION - MAINTENANCE - OVERHAUL RECORD

ENGINE ASSEMBLY

Part IV  
Page No. 6

Engine Serial Number CAE 881216 Engine Model 250-B17 F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
8-22-96	NEW	102.2	PERFORMED A 100 HR. INSPECTION IN ACCORDANCE WITH ALLISON MAINTENANCE MANUAL. DRAINED OIL, INSPECTED, CLEANED AND TESTED CHIP DETECTORS. INSPECTED AND CLEANED OIL FILTER. ADJUSTED OIL PRESSURE DOWN LESS THAN 1/4 TURN. RE-SERVICED OIL WITH MOBIL JET 254. AIRCRAFT GROUND RUN AND LEAK CHECKED WITH NONE DETECTED. ENGINE DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. ——— END ———		A+P 262494486
	CSN	149			

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV

Page No. 7

Engine Serial Number CAE 881216 Engine Model 250-B17 F/2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
1-29-97	NEW	174.3	PERFORMED A 100 HR. INSPECTION IN		
	CSN	202	ACCORDANCE WITH ALLISON MAINTENANCE		
			MANUAL. DRAINED OIL. INSPECTED, CLEANED,		
			AND TESTED CHIP DETECTORS. INSPECTED		
			AND CLEANED OIL FILTER. REPLACED FACET		
			OIL FILTER, FUEL FILTER AND AIRFRAME		
			FUEL FILTER. SYSTEM BLED. RE SERVICED		
			OIL. PERFORMED GROUND RUN AND LEAK		
			CHECK WITH NONE DETECTED. ENGINE		
			DETERMINED TO BE IN AN AIRWORTHY		
			CONDITION AND APPROVED FOR RETURN		
			TO SERVICE ————— END —————	<i>John Kowallu</i>	ATP262A94486
			AD <sup>U</sup> CHECKED THROUGH REV. 97-02 JK	JOHN A. KOWALLU	



# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV

Page No. 8

Engine Serial Number CAE-881216

Engine Model 250-B17/F2

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
		N72121	4-27-98	ALLISON 250-B17/F2 ENG. TT 275.6	S/N CAE-881216
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100/300 HOUR ANNUAL INSPECTION PER ALLISON INSPECTION CHECKLIST, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DRAINED AND RESERVICED OIL. CLEANED AND INSPECTED CHIP DETECTORS, OIL FILTER, TURBINE OIL PRESSURE CHECK VALVE, # 1 BEARING OIL PRESSURE REDUCER, FUEL NOZZLE, IGNITOR PLUG, SUMP CAN, # 6 AND 7 BEARING OIL NOZZLE. REPLACED STARTER GENERATOR BRUSHES. REPLACED EXTERNAL OIL FILTER UNIT. REPLACED FUEL PUMP FILTER ELEMENT. PERFORMED GROUND RUN AND LEAK CHECK, WITH NONE DETECTED. CHECKED AD'S FOR COMPLIANCE THROUGH BI-WEEKLY REVISION 98-08. ENGINE IS APPROVED FOR RETURN TO NORMAL SERVICE.</p>					
<p>JOHN A. KOWALLIS <i>John A. Kowallis</i> A&amp;P 262494486 IA</p>					

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV  
Page No. 9

Engine Serial Number \_\_\_\_\_ Engine Model \_\_\_\_\_

Date	Engine Time		Remarks	Signature	Organization
	Since OH	Total			
10/16/98	1576	Hobbs	Installed new igniter plug P/N CH34168. Ops Check OK.	<i>[Signature]</i> T.A345526433	<b>WISCONSIN AVIATION -FOUR LAKES INC. MAINTENANCE MADISON, WI 53704</b>

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV

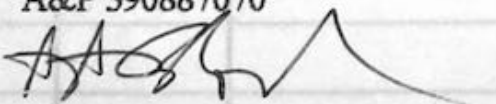
Engine Serial N

### AIRFRAME LOG

Date	Since	ACTT	RETT	RPTT	ation
		N# <u>72121</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
		MODEL # <u>A36</u>	HOBBS <u>1625.6</u>	RETTSO <u>                    </u>	RPTSOS <u>                    </u>
		DATE <u>1/7/99</u>	TACH <u>                    </u>	LETT <u>                    </u>	LPTT <u>                    </u>
		S/N# <u>E2202</u>		LETSSO <u>                    </u>	LPTSOS <u>                    </u>

Drained oil. Removed, inspected and cleaned filter. Removed and inspected scavage filter. No defects noted. Reinstalled filters and replenished engine with mobil 254 synthetic. Leak check performed satisfactory.

Tim Block  
A&P 390887070



Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-249-2189



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567







ENGINE LOG

N# 72121  
MODEL # A-36  
DATE 4/9/99  
S/N# E-2202

ACTT 1645.7  
HOBBS 1645.7  
TACH \_\_\_\_\_

ETT 363.6  
ETSO 363.6  
PTT 496.9  
PTSO 496.9

Performed 100 hr. Annual Inspection in accordance with Tradewinds and Allison maintenance manual. Completed a 100 hr. Allison inspection. Performed compressor wash this date.

Complied with AD 98-24-28 N/A due to date of manufacture.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

*A Ashford* IA890887070



Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-249-2189



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567

Allison

GT-278

		Engine Log			
N#	72121	ACTT	1717	ETT	434.9
Model#	A-36	Hobbs	1717	ETSO	434.9
Date	4/7/2000	Tach		PTT	568.2
S/N#	E-2202			PTSO	568.2

Performed a 100 hr. Annual inspection I/AW Tradewinds and Allison maintenance manuals . Completed 100 hr. Annual inspection .  
 I certify that this engine has been inspected I/AW an Annual inspection and found to be airworthy .

Wisconsin Aviation - Madison  
 3606 Corben Court  
 Madison, WI 53704  
 608-249-2189



Wisconsin Aviation - Watertown  
 1741 River Drive  
 Watertown, WI 53094  
 920-261-4567

*Shawn Matthews EA395526433*

3. Form Tracking Number:  
 W318451-1

Engine

Da

1718.4 5 JAN 01  
 OIL CHANGED, CLEANED ONE FILTER & REPLACED  
 THE SCAVANGE FILTER, CHIP DETECTOR PLUGS REMOVED,  
 CLEANED & TESTED OK. SERVICED ENGINE OIL WITH  
 6 QTS MOBIL 254 TURBINE OIL. "ENGINE RUN-UP OK. NO  
 LEAKS NOTED"

*William R. Brigen*  
 388347800 R+P

WISCONSIN AVIATION  
 -FOUR LANE 3 INC.  
 MAINTENANCE  
 MADISON, WI 53704

BASE CERTIFICATE

ENGINE SERIAL NO.

MODEL

Date 04/10/01      N# 72121      Model# A-36      S/N# E-2202  
 Hobbs 0      ACTT      1863.4      ETT      582      PTT      714.8  
 Tach                     ECSN      543      PTSO

15

Performed an Annual Inspection in accordance with Tradewind/Beech 100/200 hr. and Allison Inspection guides.

Performed compressor wash. Added two qt. Mobil 254 oil. Run up and leak check: satisfactory.

I certify that this engine has been inspected according to Annual inspection as per Tradewind/Beech/Allison and/or FAR 43 Append. D and was found airworthy. *Jeremy H. Woods 399480038 IA*

(New Hobbs)  
 (Est. time added to total)

Wisconsin Aviation - Madison  
 3606 Corben Court  
 Madison, WI 53704  
 608-268-5003



Wisconsin Aviation - Watertown  
 1741 River Drive  
 Watertown, WI 53094  
 920-261-4567

ENGINE REPAIR - Compressor Front Support AREA leaking oil. Replaced #1 bang  
 Rings Seal PN# 23033441 + 1 seal matings Rings PN# 23052358. Included ANI  
 (1 ea) black nylon cap hex nut PN# 23004538, 3 O-rings A53085-028 (2EA) +  
 A53085-031 (1EA). All work completed IIA/N 250-C20R SERIES OPERATION AND  
 MAINTENANCE MANUAL Pub. GTP5232-2 3<sup>rd</sup> Edition 4<sup>th</sup> REV. Dated 2 Sept 2000.

ACTT - 1915.4 ENGINE Run up O.K. No leaks Noted

ETT - ~~634~~ 634 (11-9-01) Hobbs 89.5

ECSN - N/A

PTT - 766.6

Michael A. Karo  
 STANDARD Aero  
 501R487K

*Alli*

GT-278

Engine

ENGINE REPAIR: REPLACED #1 BEARINGS RING SEAL PN 2303341, #1 SEAL MATING RING PN 23052358 AND NUT PN 23004538 TO INCLUDE FRONT COMPRESSOR HOUSING BACKLASH. PERFORMED ALL MAINTENANCE IIALW ARA 250-D17F/2 OPERATION AND MAINTENANCE MANUAL, PUB. GTP 5243-2 1<sup>st</sup> Ed. Fourth Rev. DATED 15 DEC 1997. ENGINE IS APPROVED FOR CONTINUED OPERATION AND IS BEING RELEASED IN A 250 D17F/2 CONFIGURATION. ALL WORK PERFORMED UNDER WO# 2297192. T.T - ~~748~~ CSN - UNK ENGINE RUN O.K., NO LEAKS NOTED.

*Michael C. Kraw*  
STANDARD AERO  
501R487K

748

Changed oil with 6qts. Exxon 2380.  
Inspected and cleaned filter, No metal found.  
Run up and leak check: satisfactory.  
Note: this is a change from Mobil 254 to Exxon 2380.  
*Justy H. Woods 399480038 AP 11-8-01 H: 89.5*

3. Form Tracking Number:

W318451-1

EASE CERTIFICATE

Da

AIRFRAME LOG

DATE: 1-17-02  
N# 72121

ACTT: 1930.1  
MODEL: Beech A36

HOBBS: 89.5  
S/N: E-2202

Removed, inspected, cleaned and re-installed fuel injector. Replaced igniter P/N CH34168 with new long life unit P/N CH34269. Engine ground run, leak and operational checks - satisfactory.

*Justy H. Woods 399480038 AP*

Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-268-5003



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567

ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_

DATE

OPERATING TOTALS

DESCRIPTION OF WORK PERFORMED

V No. \_\_\_\_\_

2785A(11)

ENGINE LOG

DATE: 6/7/02  
N#: 72121  
MODEL #: A36  
S/N: E-2202

ACTT: 1985.9  
HOBBS:  
TACH: 122.5

ETT: 704.5  
ETSO: 704.5  
ETT: 837.1  
PTSO: 837.1

Engine :

Performed Annual/100 hr. inspection. Engine air inlet heated duct repaired by Aerospace Composite Technologies, Ltd. Certificate reference #234048, W.O. #56/239036 5-29-02.

Performed compressor wash. Inspected chip detectors, no metal found. Added 1 qt. of Exxon 2380 oil. Run up and leak check satisfactory.

I certify that this engine has been inspected in accordance with an Annual/100 hr. inspection and was determined to be in airworthy condition.

*Janithy A. Woods 389480038 JA*

Nomenclature

Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-268-5003



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567

Reason

ENGINE LOG  
ENGINE LOG

DATE 7-9-2002  
N72121  
MODEL:A36

ACTT: 1995.5  
HOBBS: 132.1  
S/N:E-2202

ETT: 714.1  
ETSO:714.1  
PTT: 846.7  
PTSO: 846.7

Cleaned bleed air relief valve. Added 1 quart Exxon 2380 oil to engine. Re wired compressor anti-ice bleed air valve. Operational checks - good

*Janithy A. Woods 389480038 AP*

Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-268-5003



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567

Ali

2785

ASSEMBLY RECORD

T-278

ENGINE LOG

DATE 9/17/2002  
N72121  
MODEL: A36

ACTT: 2026.3  
HOBBS: 162.9  
S/N: E-2202

ETT: 744.5  
ETSO: 744.5

PTT: 877.5  
PTSO: 877.5

Engine

Inspected and cleaned igniter and fuel nozzles. Added 1 qt. BP 2380 oil. Replaced bottom TOT terminal at engine terminal block. Timothy H. Woods 399480038 AP

*Timothy H. Woods*

Engine

Nomenc

Wisconsin Aviation - Madison  
3606 Corben Court  
Madison, WI 53704  
608-268-5003



Wisconsin Aviation - Watertown  
1741 River Drive  
Watertown, WI 53094  
920-261-4567

Reason

Da

5-7-03 AFTT 2063.6  
Hobbs 200.0  
ETT 781.6  
cycles 700

Completed annual inspection. Performed 100,200 & 300 hour inspection. Adjusted prop RPM. Adjusted oil pressure. Split engine for Hot section inspection. Flowed fuel nozzle. Installed new heated inlet & control boxes. Compressor wash & ground run. No leaks noted.

TRADEWIND TURBINES CORP  
FAA REPAIR STATION NO. TUDR675K  
WORK ORDER 47313 A47331

I certify that this <sup>engine</sup> aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

*Joe Badura*



ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_

SERVICE RECORD  
ENGINE ASSEMBLY

Part I  
Page No. \_\_\_\_\_

FORM 2782A (F) (11-77)

Engine Serial Number CAE-881216

Engine Model 250-B17F/2

-INSTALLED-					-REMOVED-			
Date	Owner	A/C or Eng. S/N	Engine Time		Date	Engine Time		Reason
			Since OH	Total		Since OH	Total	
7-1-04	T.T.A.F. 2332	SE-2202		950.5	T.T.E. 750 cycles			Hobbs 368.9
Replaced all fluid filters, inspected and cleaned igniter plug and fuel nozzle, drained and refilled oil w/6 qts. BP 2380 turbine engine oil, cleaned and tested chip detectors, cleaned turbine oil check valve, cleaned turbine oil press. tube screen, cleaned burner drain valve. inspected starter/generator splines. All A.D's C/W through issue 2004-13 (T-Data)								
					I certify that this <u>Engine</u> has been inspected			
					in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition			
					<u>George S. Nung</u> I.A. 270 661534			



# ENGINE SERVICE RECORD

*DallasAirmotive*

ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_

DATE	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
	HOURS		CYCLES		
	SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
					<p><b>AVERITT AVIATION, Inc.</b>      <b>N72121</b>      <b>ACTT 2250.9</b></p> <p><b>September 15, 2004</b>      <b>S/N E-2202</b>      <b>HM 387.3</b></p> <p><b>Engine S/N CAE-881216</b>      <b>TSN 968.8</b>      <b>CSN 768</b></p> <p>I certify this <b>Engine</b> has been inspected in accordance with an <b>100 hr. Inspection</b> in accordance with Tradewind A36 Maintenance Manual Supplement and was determined to be in Airworthy Condition. Work Order # 50193.</p> <p>Signed <u><i>Alan E. Hesch</i></u> For <b>AVERITT AVIATION, Inc. CRS N9VR084I</b></p> <p>Blended FOD damage on three (3) first stage compressor blades per RR Maintenance Manual limits. Evaluated #1 bearing static oil leak and found within limits at this time. Engine ground run. Leak and operational check satisfactory.</p> <p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service. Pertinent details of the repair are on file under work order number <b>50193</b>.</p> <p>Signed <u><i>Alan E. Hesch</i></u> For <b>AVERITT AVIATION, Inc. CRS N9VR084I</b></p>

# ENGINE SERVICE RECORD

ENGINE SERIAL NO.

CAE 881216

MODEL

250 - B17 F12

DATE	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
	HOURS		CYCLES		
	SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H	
5-31-2005	430.8				Annual inspection completed this date per Tradewind Turbine/TSN 1012.3 Allison inspection guide. Cleared & flowed fuel nozzles. Replaced all exhaust stack hardware. Performed compressor wash. Leak check & AD listing with maintenance records.

I certify that this <sup>engine</sup> aircraft has been inspected in accordance with a annual inspection and was determined to be in airworthy condition

TRADEWIND TURBINES 60RP  
 FAA REPAIR STATION NO. TUDR675K  
 WORK ORDER 48279

*Brent L. Smith*



W318451-1

# ENGINE SERVICE RECORD

*DallasAirmotive*

ENGINE

DATE

	<b>A.I.R.</b> Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901	ENGINE	
REG#: N72121	SERIAL #: E-2202	TACH N/A	HOBBS: 569.2
CHANGED OIL, SERVICED WITH EXXON 2380. CLEANED FUEL & OIL FILTERS REMOVED PROPELLER, HAD RESEALED BY FOSTERS PROPELLERS & REINSTALLED <b>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL                  INSPECTION AND 100, 200, &amp; 300 PERIODIC INSPECTION IN ACCORDANCE WITH                  TRADEWINDS INSPECTION CHECK LIST.</b>			
W/O: 606091	 BARRY BREDENSTEINER/2793773 AP/IA		
DATE: 6/16/2006			

RMED

	<b>A.I.R.</b> Aircraft Inspection & Repair LLC Jones/Riverside Airport-Tulsa, Oklahoma 74132	ENGINE	
W/O#: 806165	HOBBS: 602.2	N72171	S/N:E-2202
REMOVED STARTER GENERATOR FOR OVERHAUL. HAD OVERHAULED BY QUALITY AIRCRAFT ACCESSORIES, INC. REINSTALLED, GROUND RUN, LEAK AND OPERATIONAL CHECK OK.			
 BARRY BREDENSTEINER/2793773 AP/IA			DATE: 9/19/2006



# ENGINE SERVICE RECORD

ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_

DATE	HOUR	
	SINCE	NEW

	<b>A.I.R.</b> Aircraft Inspection & Repair LLC Jones/Riverside Airport-Tulsa, Oklahoma 74132	<b>ENGINE</b> TSN-1196.0	
W/O#: 1006187	HOBBS: 614.5	N72171	S/N: E2202
REMOVED PROPELLER, REPLACED BETA SHAFT ASSEMBLY AND ALL ASSOCIATED SEALS. REINSTALLED PROPELLER AND ADJUSTED BETA VALVE RIGGING. WORK PERFORMED IN ACCORDANCE WITH 250-B17F SERIES OPERATION AND MAINTENANCE MANUAL, CHAPTER 76-10-02. PROPELLER TOQURED & SAFTIED, REINSTALLED ENGINE COWLING, GROUND RUN, OPERATIONAL AND LEAK CHECKED OK.			
<b>DATE</b> 18, OCTOBER 2006	 BARRY BREDENSTEINER/2793773 AP/IA		

	<b>A.I.R.</b> Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901	<b>ENGINE</b> TSN 1279.3	
REG#: N72121	SERIAL #: E-2202	TACH N/A	HOBBS: 697.8
SERVICED WITH EXXON 2380. CLEANED FUEL & OIL FILTERS COMPLIED WITH AD 2006-16-04, BY INSPECTION OF FUEL NOZZLE OF INLET SCREEN. <b>I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND 100 PERIODIC INSPECTION IN ACCORDANCE WITH TRADEWINDS INSPECTION CHECK LIST.</b>			
W/O: 420307	 BARRY BREDENSTEINER/2793773 AP/IA		
DATE: 6/26/2007			

ENGINE SERVICE RECORD

DallasAirmotive

ENGINE SERVICE RECORD

ENGINE SERIAL NO. \_\_\_\_\_ MODEL \_\_\_\_\_

DATE	ACCUMULATIVE TOTALS				DESCRIPTION OF WORK PERFORMED
	HOURS		CYCLES		
	SINCE	SINCE	SINCE	SINCE	

		<b>A.I.R.</b> <b>Aircraft Inspection &amp; Repair LLC</b> R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901		ENGINE	
W/O#: 30.208		REG. # N72121		TACH:	
S/N: E-2202		HOBBS: 730.9			
C/W 100HR ANNUAL PERIODIC INSPECTION ITEMS I/A/W TRADEWINDS TURBINE INSPECTION CHECKLIST & ROLLS ROYCE PERIODIC INSPECTION ITEMS. CLEANED FUEL & OIL FILTERS & CHANGED ENGINE OIL.					
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.					
DATE: 6.01.2008		 BARRY BREDENSTEINER/2793773 AP/IA			


DallasAirmotive

ENGINE SERVICE RECORD

ENGINE SERIAL NO. MODEL

DA



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

ENGINE

TACH:

W/O#: 110.609 REG. # N72121 S/N: E-2202 HOBBS: 913.1

C/W 100HR ANNUAL PERIODIC INSPECTION ITEMS I/A/W TRADEWINDS TURBINE INSPECTION CHECK LIST & ROLLS ROYCE PERIODIC INSPECTION ITEMS. CHANGED FUEL & OIL FILTERS & CHANGED ENGINE OIL SERVICE W/ BP2380 TURBINE OIL. WASHED ENGINE, GROUND RUN, OPERATIONAL & LEAK CHECK OF SYSTEMS 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: 6.29.2009

BARRY BREDENSTEINER / 2793773 AP/IA

Empty grid table for service history



ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_



	<b>A.I.R.</b> <b>Aircraft Inspection &amp; Repair LLC</b> R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901			ENGINE			
				TACH:			
W/O#:	30.208	REG. #	N72121	S/N:	E-2202	HOBBS:	9563
REMOVED CHIP DETECTOR PLUG FROM ENGINE AT OIL FILTER, UNABLE TO SEE METAL CAUSING CHIP LIGHT WITH NAKED EYE, CLEANED CHIP DETECTOR PLUG AND REINSTALLED. ENGINE CHIP WARNING LIGHT NO LONGER ILLUMINATED. GROUND RUN AND LEAK CHECKED FOR 30 MINUTES WITH NO REOCCURRENCE OF CHIP LIGHT. AIRCRAFT TEST FLOWN FOR 2 HOUR WITH NO REOCCURRENCE OF CHIP LIGHT. SENT OIL SAMPLE TO CHERRY LABS FOR ANALYSIS. REPORT INDICATES NO IMMINENT FAILURE AT THIS TIME. RETURNED AIRCRAFT TO SERVICE, WILL CHECK CHIP PLUGS AND OIL FILTERS AT NEXT SCHEDULED INSPECTION.							
DATE:		 BARRY BREDENSTEINER/2793773 AP/IA					
9.3.2009							


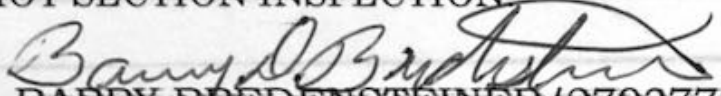

ENGINE SERIAL NO. \_\_\_\_\_

MODEL \_\_\_\_\_

DallasAirmotive

ENGINE SERVICE RECORD

DATE					<b>A.I.R.</b> <b>Aircraft Inspection &amp; Repair LLC</b> R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901		ENGINE
	W/O#: 72121-510 REG. # N72121 S/N: E-2202 HOBBS: 1027.6						Total Time CYCLES: 1609.1
CHANGED OIL. REPLACED ENGINE FUEL NOZZLE ASSEMBLY TORQUED & SAFTIED INSTALLED NEW PN 23077068 IAW AD 2004-24-09. SERVICED ENGINE WITH 7QTS BP 2380 OIL. INSTALLED NEW OIL & FUEL FILTERS. INSTALLED W/ NEW O-RINGS INSTALLED NEW CH34269 IGNITER PLUG. REMOVED STARTER GENERATOR. INSPECTED BRUSHES, CLEANED COMMUTATER & REINSTALLED. WASHED ENGINE GROUND RUN & LEAK CHECKED OK. -----END-----							
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AIR WORTHY CONDITION THIS DATE.							
DATE:		 BARRY BREDENSTEINER/2793773 AP/IA					
5.27.2010							

DATE					<b>A.I.R.</b> <b>Aircraft Inspection &amp; Repair LLC</b> R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901		ENGINE
	WORKORDER # 72121-211 REG. # N72121 SERIAL # E-2202 HOBBS: 1209						A.C.T.TIME 3072.4
ENGINE TOTAL TIME: 1791.0 ENGINE CYCLES: 1885 REMOVED THIS ENGINE FOR HOT SECTION INSPECTION							
DATE:		 BARRY BREDENSTEINER/2793773 AP/IA					
2.16.2011							

DTP/R

AeroMaritime  
America, Inc.

# INSPECTION - MAINTENANCE - OVERHAUL RECORD


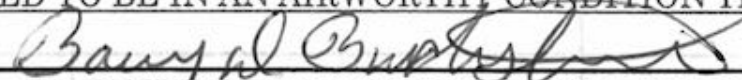
## ENGINE ASSEMBLY

Part IV  
Page No. \_\_\_\_\_

GT-2784A (1-94)

Engine Serial Number CAE- \_\_\_\_\_

Engine Model 250- \_\_\_\_\_

Date	 <p><b>A.I.R.</b> Aircraft Inspection &amp; Repair LLC Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901</p>	ENGINE Certificate No. _____ Organization _____
		ACFT: 3072.4
	WORKOR 72121-211	REG. # N72121
	SERIAL # E-2202	HOBBS: 1209
	ENGINE TOTAL TIME: 1791.0      ENGINE CYCLES: 1885	
	REINSTALLED THIS ENGINE AFTER HOT SECTION INSPECTION W/ OVERHAUL EXCH. PROP GOVERNER S/N 18D8591, AND OVERHAULED STARTER GENERATOR. SERVICED W/ BP23/80 TURBINE OIL. GROUND RUN, OPERATIONAL & LEAK CHECKED OK. ~~~~~END~~~~~	
	I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.	
	DATE: 7/30/2011	 <b>BARRY BREDENSTEINER / 2793773 AP/IA</b>

AeroMaritime  
America, Inc.

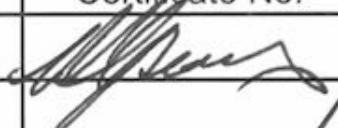

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV  
Page No. \_\_\_\_\_

GT-2784A (1-94)  
Engine Serial Number CAE- 881216

Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
5/26/11	New	1791.0	Complied with 100/300/1750		AeroMaritime
		TC: 1885	hour engine inspection.		
			Compressor overhauled, 1750		
			HMI performed on turbine.		
			Fuel control and bleed valve		
			overhauled. All work IAW		
			CSP21008 and GTP5243-3 specs.		
			Details on file under work		
5/26/11			order W318451.		CRS XZNR915L

AeroMaritime  
America, Inc.

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

## ENGINE ASSEMBLY

Part IV  
Page No. \_\_\_\_\_

GT-2784A (1-94)

Engine Serial Number CAE- 881216

Engine Model 250- B17F/2

Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
6/7/2011	TSN	1791.0	Functionally tested i/a/w the Rolls Royce B17F Overhaul Manual Edition 1 Revision 14. rigging will need to be confirmed before flight.	Royce B17F Coordinator	
	CSN	1885			
<p>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:</p> <p>W.O. No. <u>A109681</u> Date: <u>6/7/2011</u></p> <p>Signed <u>[Signature]</u> for</p> <p style="text-align: right;">KEYSTONE ENGINE SERVICES CRS#YKERO25K 110 EAST STEWART HUSTON DR. COATESVILLE, PA 19320 A Division of Keystone Helicopter Corp.</p>					
07/19/11	TSN	1791.0	Complied with repair of gearbox torquemeter port insert.	<u>[Signature]</u>	AeroMaritime
	CSN	TC: 1885			
			All work IAW CSP21008 and GTP5243-3 specs. Details on		
07/19/11			under work order W318581.	<u>[Signature]</u>	CRS XZNR915L

AeroMaritime  
America, Inc.

# INSPECTION - MAINTENANCE - OVERHAUL RECORD

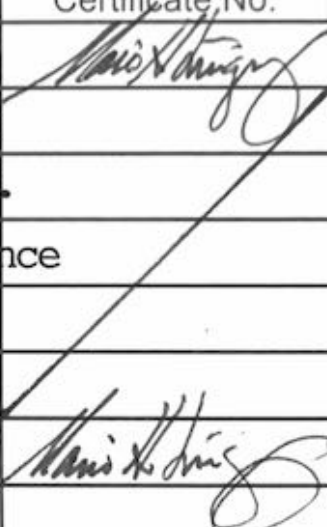
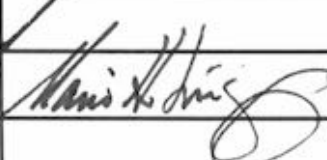
## ENGINE ASSEMBLY

Part IV  
Page No. \_\_\_\_\_

GT-2784A (1-94)

Engine Serial Number CAE- 881216

Engine Model 250- B17F/2



Date	Engine Time		Remarks	Signature and Certificate No.	Organization
	Since OH	Total			
12/21/11	New	1837.4	Repaired engine for sticking		AeroMaritime
		TC: 1911	torquemeter. Repaired gearbox		
			assembly. Functionally tested.		
			All work performed in accordance		
			with Rolls-Royce GTP 5243-3		
12/21/11			and CSP 21008 specs. Details on work order W318731.		CRS#XZNR915L

AeroMari  
America,

GT-2784A (1-94)  
Engine Serial Nur

			<b>A.I.R.</b> Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901		ENGINE
WORKOR 72121-211	REG. # N72121	SERIAL # E-2202	HOBBS: 1209		
REINSTALLED THIS ENGINE AFTER HOT SECTION INSPECTION W/ OVERHAUL EXCH. PROP GOVERNOR S/N 18D8591, AND OVERHAULED STARTER GENERATOR. SERVICED W/ BP23/80 TURBINE OIL. GROUND RUN, OPERATIONAL & LEAK CHECKED 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:		 BARRY BREDENSTEINER / 2793773 AP/IA			
8/2/2011					

Date

			<b>A.I.R.</b> Aircraft Inspection & Repair LLC R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132 (918)296-0901		ENGINE 250-B17F2
WORK ORDER# 72121.912	REG. # N72121	SERIAL# CAE-881216	HOBBS. 1429.8		
COMPLIED WITH 100 & 200 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. CHANGED ENGINE OIL. SERVICED WITH BP 2080 TURBINE OIL. INSPECTED CHIP DETECTORS. FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECKED OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.					
DATE:		 BARRY BREDENSTEINER / 2793773 AP/IA			
9.08.2012					



AIR

ENGINE

Aircraft Inspection & Repair LLC

R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132

918 -296-0901

PAGE NUM

W/O#: 72121 1013 REG. # N72121 S/N: E-2202 HOBBS 1651.8

Complied with 100 hour Annual Inspection I/A/W A 36 mantaince manual and trade winds turbine inspection check list. Changed oil serviced with BP2380 turbine oil. Replaced oil filters and fuel filters checked chip detectors. Replaced instrument air filters. Ground run and leak checked OK.

I certify this engine has been inspected in accordance with a 100 hour/ annual Inspection and determined to be in a airworthy condition this date.

DATE:

3-Oct-13

*Barry Bredensteiner*  
BARRY BREDENSTEINER / 2793773 AP/IA

Date

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

**ENGINE**  
 250-B17F2

**PAGE NU**

**WORK ORDEI** 72121.0914 | **REG. #** N72121 | **SERIAL#** CAE-881216 | **HOBBS.** 1858.1

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. CHANGED ENGINE OIL. SERVICED WITH BP 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECKED OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

Date

**DATE:**  
 9.11.2014

*Barry Bredensteiner*  
 BARRY BREDENSTEINER/2793773 AP/IA

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

**ENGINE**  
 250-B17F2

**WORK ORI** 72121.1015 | **REG. #** N72121 | **SERIAL#** CAE-881216 | **HOBBS.** 2027.5

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. CHANGED ENGINE OIL. SERVICED WITH BP 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

**DATE:**  
 10.14.2015

*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**  
 250-B17F2

**WORK ORI** 72121.0917 | **REG. #** N72121 | **SERIAL#** CAE-881216 | **HOBBS.** 2347.7

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. SERVICED ENGINE WITH 8 QTS 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

**DATE:**  
 09.13.2017

*Barry Bredensteiner*  
 BARRY BREDENSTEINER/2793773 AP/IA



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

250-B17F2

**WORK ORI** 72121.0916 | **REG. #** N72121 | **SERIAL#** CAE-881216 | **HOBBS.** 2185.4

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. CHANGED ENGINE OIL. SERVICED WITH BP 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

**DATE:**  
 09.19.2016

*Barry Bredensteiner*  
 BARRY BREDENSTEINER/2793773 AP/IA



R.L. Jones Airport (RVS)-Tulsa, Oklahoma 74132

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

ENGINE  
250-B17F2

WORK ORDER# 72121.	REG. #	N72121	SERIAL#	CAE-881216	HOBBS.	2475.5
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COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. DRAINED CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. SERVICED ENGINE WITH 8 QTS 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.

DATE:  
09.21.2018

*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  
250-B17F2

WORK ORDER# 72121.1019 REG. # N72121 SERIAL# CAE-881216

HOBBS. 2554.2

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. SERVICED ENGINE WITH 6 QTS 2380 TURBINE OIL. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. REMOVED WORN IGNITER PLUG AND REPLACED WITH NEW IGNITER PLUG P/N 23006266. AFTER SHUT DOWN FOR GROUND RUN, OIL DRAINED BACK TO ACCESSORY CASE FROM OIL TANK. TROUBLESHOT SYSTEM, FOUND LEAKING CHECK VALVE TO OIL PUMP. REPLACED WITH NEW CHECK VALVE P/N M250-10893, ORINGS AND SEAL. GROUND RUN AND LEAK CHECK OK. TROUBLESHOT SYSTEM DUE TO ENGINE POPPING IN SLOW FLIGHT CONFIGURATION AND SLOW TO SPOOL UP ON STARTUP. ADJUSTED FUEL CONTROL ACCELERATION. GROUND RUN START UP OK. COMPLIED WITH 100-HR INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

DATE:  
10.29.2019

*Barry Bredensteiner*  
BARRY BRENDENSTEINER/2793773 AP/IA



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

ENGINE  
250-B17F2

WORK ORDER# 72121.1018 REG. # N72121 SERIAL# CAE-881216

HOBBS.

CHECKED ENGINE COMPRESSOR BLEED VALVE. REMOVED AND REPLACED FUEL NOZZLE ASSEMBLY P/N M250-10603 S/N VNAAA10544 WITH NEW. TEST FLIGHT OK. ENGINE RETURNED TO SERVICE IN REGARD TO WORK PERFORMED THIS DATE.

DATE:  
10.18.18

*Barry Bredensteiner*  
BARRY BRENDENSTEINER/2793773 AP/IA



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

ENGINE TSHS 1378.8  
 250-B17F2

TT 3169.7  
 HOBBS. 2587.7

WORK ORDER# 72121.1120 REG. # N72121 SERIAL# CAE-881216

COMPLIED WITH 100 HOUR INSPECTION ITEMS. REPLACED FUEL AND OIL FILTERS. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. SERVICED ENGINE WITH 6 QTS 2380 TURBINE OIL. REPLACED OIL FILL CAP O-RING. INSPECTED CHIP DETECTORS, FUEL NOZZLES, AND IGNITER PLUG. GROUND RUN LEAK CHECK OK. COMPLIED WITH 100-HR INSPECTION IN ACCORDANCE WITH TRADEWINDS TURBINE MAINTENANCE MANUAL SUPPLEMENT. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

DATE:  
 11.02.2020

*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 TSHS 1378.8  
 250-B17F2

TT 3214.8  
 HOBBS. 2632.8

WORK ORDER# 72121.1021 REG. # N72121 SERIAL# CAE-881216

COMPLIED WITH 100 HOUR & 200 HOUR ROLLS ROYCE INSPECTION ITEMS. DRAINED OIL. CHECKED FILTER FOR CONTAMINATES, NONE NOTED AT THIS TIME. INSTALLED NEW 6898947 & 038088-08 OIL FILTERS. SERVICED ENGINE WITH 7 QTS BP2380 OIL. WASHED ENGINE, GROUND RUN, OPERATION & LEAK CHECK OK. GROUND RUN LEAK CHECK OK. REPLACED STARTER/GENERATOR WITH OVERHAUL / EXCHANGE UNIT P/N 150SG117Q S/N 7907. **I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.**

DATE:  
 10.13.2021

*Barry Bredensteiner*  
 BARRY BREDENSTEINER / 2793773 AP/IA

## INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS

TYPE Allison 250-B17F/2  
 REG. N72121  
 S/N CAE-881216  
 HOBBS 2720.5  
 TSMOH 1511.7



**RED MAN**  
**AVIATION**  
 8605 South Elwood Ave  
 Hangar B92  
 Tulsa, OK  
 918-289-8714

DATE 20 February 2023  
 W.O. # 20230220  
 T.T. N/A  
 TACH N/A

Performed Annual Inspection IAW Tradewinds Turbines Maintenance Manual Supplement, Rolls Royce M-250 Maintenance Manual, and 14 CFR 43 Appendix D. Owner reported compressor stall during flight and flame-out after landing. Removed FCU and installed serviceable FCU (P/N: 22524986-10) (S/N: BR57569) from Magellan. Time in service of FCU is 743.55 hrs SMOH. Found previously installed FCU missing stainless steel drain line to engine. Fabricated new stainless steel rigid tube and installed. Removed bleed air valve and installed overhauled bleed air valve (P/N: 23053190) (S/N: FF54371). Riggged FCU to engine IAW the procedures outlined in Chapter 76 Section 00 of Rolls Royce M-250 Maintenance Manual. Drained oil from engine. Performed 100 and 300 hr inspection per Tradewinds Turbines Maintenance Manual Supplement and removed and replaced o-rings and filters provided in kit (P/N: 1741125 ). Serviced engine with Turbo 2380 turbine oil. Cleaned ignitor and excitor. Performed compressor wash using Ardrex 6367 IAW the procedures outlined in Chapter 73 Section 30 of Rolls Royce M-250 Maintenance Manual. Test ran engine and found satisfactory. Checked AD's through T-Data 2023-04. AD's with recurring due dates noted on AD list provided to owner. I certify this engine has been inspected IAW 14 CFR 43 Appendix D Annual Inspection requirements and has been found to be in an airworthy condition. This engine is approved for return to service.

Shannon G Hankins AP37244461A

02/20/23

# TULSA AIRWORX INC

<https://tulsaairworx.com>

**Date:** 7/18/2024    **Tach:** Hobbs: 2833.1    **SMOH:** 1624.3    **Registration:** N72121

**Engine Model:** Allison/Rolls Royce 250-B17F/2    **Serial#:** CAE-881216

**Description:**

1. Performed Annual Inspection I/A/W Tradewinds Turbines Maintenance Manual Supplement, Rolls Royce M-250 Maintenance Manual and 14 CFR 43 (D).
2. Changed oil and cleaned filter, serviced with 7 qts Easton 2380 oil, reinstalled filter with new o-rings, examined oil, no discrepancies noted.
3. Installed fuel filter kit (P/N 1743645-02)
4. Checked chip detectors and replaced o-rings
5. Rinsed engine, performed engine run up, no leaks detected.

I certify that this engine has been inspected I/A/W an annual inspection and was determined to be in airworthy condition this date.

  
Sherman Sutliff A&P4467893981A