

ENGINEERING RECORD

12

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER**MOYER AVIATION, Inc.**

Date: 7-27-2012

Aircraft: N365SMT HOBBS: 5683.4, Total Time: _____

Install aileron servo tabs IAW Tri-State Aviation Inc. Installation Instructions TSA-12003 Dated: April 24, 1991 and STC# SA1653GL. NO change in Weight and Balance and NO special instructions for continued airworthiness.

A&P/IA: A&P [REDACTED] IA Mechanic: Mike Moyer [REDACTED]

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD	
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	
BROUGHT FORW					FAA C.R.S. DFOR172D	
MIDCONTINENT Aircraft Corporation				Hayti, MO. 63851		
				Phone		
MAKE THRUSH		MODEL S2R-T34		SERIAL NUMBER T34-053DC	REGISTRATION N365SM	
TOTAL TIME 8371.6		TACH TIME 5571.7		TIME SINCE O/H N/A		
COMPLETED INSTALLATION OF HEMISPHERE M3 BANTAM SWATH GUIDANCE SYSTEM P/N 900-1037-000 IN ACCORDANCE WITH MANUFACTURERS INSTALLATION MANUAL P/N 875-0265-000 REV. A1 WITH OPTIONAL FLOW CONTROL SYSTEM P/N 900-3009-000 I.A.W. MANUFACTURERS INSTALLATION MANUAL P/N 875-0085-003 REV. B1 AND 17-A-1165 REV.B. SEE FAA FORM 337 DATED 5-16-2012 APPROVAL. CALCULATED WEIGHT/BALANCE CHANGES AND UPDATED AIRCRAFT RECORDS. COMPLETED INSTALLATION OF NEW OUTBOARD BOOM HANGERS, NEW FACTORY T-BOOM AND ALUMINUM BOOMS. FINAL INSPECTION PERFORMED OF ALL WORK ACCOMPLISHED. PERTINENT DETAILS OF ALL WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER AS INDICATED BELOW. AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR WORK ACCOMPLISHED.						
W.O.33234		5-16-2012		KEVIN JACKSON		
						CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

MANUFACTURER Ayers	UNIT NAME Aircraft	TYPE/MODEL S2R-T34	SERIAL NUMBER T34-053DC
TOTAL TIME 8368.5	TIME SINCE OVERHAUL N/A	TOTAL CYCLES N/A	CYCLES SINCE OVERHAUL N/A

THE ABOVE ITEM IDENTIFIES RECEIVED
 ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☐ HOT SECTION INSPECTION ☐

Complied with SB AG-45-Rev B vertical fin. Vertical fin, rudder, horizontal stab, and elevators re-installed using new hardware. Inspected elevator push pull end caps. Re-installed landing gear with new AN bolts without grease fittings in accordance with AD 2000-05-23. Installed new tires, new brake pads, new brake rotors. Installed new battery. Installed Pt6A-34 S/N PCE-56009 0 TSO, and prop HC-B3TN-3D S/N BUA 32008 0 TSN.

I certify this engine has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

Hobbs: 5568.6

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

5-2-12
DATE


SIGNATURE

MANUFACTURER Ayers	UNIT NAME Aircraft	TYPE/MODEL S2R-T34DC	SERIAL NUMBER T34-053DC
TOTAL TIME 8368.5	TIME SINCE OVERHAUL N/A	TOTAL CYCLES N/A	CYCLES SINCE OVERHAUL N/A

THE ABOVE ITEM IDENTIFIES RECEIVED
 ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☐ HOT SECTION INSPECTION ☐

I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be in an airworthy condition.

Hobbs 5568.6

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

5-2-12
DATE

 IA
SIGNATURE

CARRIED FORWARD

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD 					

MANUFACTURER Pratt & Whitney	UNIT NAME Engine	TYPE/MODEL Pt6A-34	SERIAL NUMBER PCE 56009
TOTAL TIME 44727.3	TIME SINCE OVERHAUL 0.00	TOTAL CYCLES N/A	CYCLES SINCE OVERHAUL 0.0

THE ABOVE ITEM IDENTIFIES RECEIVED
ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☐ HOT SECTION INSPECTION ☐

Installed engine on N365SM, engine ground ran, rigged and leak checked satisfactory.

Hobbs 5568.6

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

5-2-12
DATE

SIGNATURE

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

15

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

IAW a 100 hour inspection and was found to be in an

W/O T5120

PART	P/N	Engine	PT6A-34	PCE56009
		S/N	TOTAL CYCLES	CYCLES REM
REAR HUB	3013111	1967	12585	6415
DISK 2ND STG	3013712	A001780	19160	4840
DISK 3RD STG	3011713	3440	19165	48342
IMPELLER	3013176	1F582	13858	5835 5/11/12
CT DISK	3013411	6L307	11055.2	5142
CT BLADES	E3102401-01	New	New	4944.8
PT 1ST STG	3022412	75A071	2325	17685

ACCESSORIES INSTALLATION

		S/N	TSO
FUEL CONTROL	2524440-7-6	A7447	0:00
FUEL PUMP	025323-101-03	9911-0078	0:00
BLEED VAVLE	3100829-03	A9632	0:00
FUEL/OIL HEATER	10552E	1549	0:00
CSU	8210-002-01	12082444	0:00
START CONTROL	35324-2	7954	0:00

SIGNED

DATE *NOV 16 2011*

Engine Test Certificate

Pratt & Whitney

Engine

PT6A-34

PCE56009

Oil Type-Exxon 2380

Fuel Type- jetA

Rating	SHp	Ng%	T5 Degrees f	SFC	Data Plate SPD	Class
Take Off	644	94%	1826	0.59239	35,400	CL 18
Vane Class Average			6 PT: 12.20			

AD Note

Date

Method

All AD notes previously complied with, SEE ATTCHED UBS

SERVICE BULLETINS COMPLIES WITH ON THIS OVERHAUL

NONE

SIGNED

DATE *NOV 16 2011*

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
6-10-11			0	0	<i>I certify this engine has been inspected airworthy condition.</i> AP

Central Arkansas Turbines, Inc.

Forrest City, AR 72335 Phone: [REDACTED]

REG#: N455JM MAN: PRATT & WHITNEY MOD: PT6A-34AG
 S/N: PCE-56009 HOBBS: 7743.8

REMOVED ENG. SN: PCE-56009 FROM AIRCRAFT REG. #: N455JM FOR REPAIR.

DATE: 08-25-11
 LARRY D. WHITLOW A&P # [REDACTED]

Signature: [REDACTED]

A&P #: [REDACTED]

MANUFACTURER Pratt & Whitney	UNIT NAME Engine	TYPE/MODEL PT6A-34	SERIAL NUMBER PCE56009
TOTAL TIME 44727.3	TIME SINCE OVERHAUL 0.00	TOTAL CYCLES N/A	CYCLES SINCE OVERHAUL 0.00

THE ABOVE ITEM IDENTIFIED RECEIVED
 ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☒ HOT SECTION INSPECTION ☐

**Engine has been OVERHAULED IAW Pratt and Whitney Overhaul
 Manual # 3021243 R38, Engine tested and certified as TSO: 0.00 and released for
 return to service, Details of this OVERHAUL are on file at this Repair Station under W/O T5120**

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WITH [REDACTED] FORMED AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION. WORK ORDER No. [REDACTED] DATE [REDACTED] SIGNATURE [REDACTED] FOR: [REDACTED]

FAX No. [REDACTED]

CRS UTBR513L

TURBINES INC.

Terre Haute International Airport, Hulman Field
 Terre Haute, IN 47803

Phone [REDACTED]

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

14

REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		

Manufacturer: Pratt & Whitney Engine: PT6A-34 PCE-56009

ENGINE TEST DATA		FUEL TYPE - JETA II		DATA PLATE SPD		TRIM CLASS	
RATING	SHP	Ng%	TSR DEGREES	SFC			
TAKE OFF	750	98.6	1845	.61037		36,527	CL 20
VANES RING CLASS AVERAGE		CT VANE : 5.99		PT: 12.23			

AD NOTE and SERVICE BULLETIN COMPLIANCE

ID	DATE	METHOD OF COMPLIANCE	REOCCURRING
5-06-01	12-29-2010	N/A CW 1138,1220,1216	N/A
5-11-04	12-29-2010	N/A PT SHAFT P/N 3010548 NOT INSTALLED	N/A
10-08-12	12-29-2010	N/A BY P/N 5006050 INSTALLED	N/A
10-12-05	12-29-2010	N/A BY S/N	N/A
12-15-11	12-29-2010	N/A BY INSTALLATION	N/A
17-04-12	12-29-2010	N/A BY CODE	N/A
2002-23-13	12-29-2010	CW WITH VISUAL INSP I A W P/W 1610	100 HR

SERVICE BULLETINS COMPLIED WITH ON THIS OVERHAUL
1138,1216,1220

SIGNED: [Redacted Signature] DATE: 29 Dec 2010

MANUFACTURER Pratt & Whitney	UNIT NAME Engine	TYPE/MODEL PT6A-34	SERIAL NUMBER PCE56009
TOTAL TIME 4,459.8	TIME SINCE OVERHAUL	TOTAL CYCLES	CYCLES SINCE OVERHAUL

ABOVE ITEM IDENTIFIES RECEIVED
☐ VISUAL INSPECTION OR 100 HOUR INSPECTION
 ☐ REPAIR
 ☐ OHCS
 ☐ HOT SECTION INSPECTION

Called engine PCE56009 on aircraft N455JM S/N 6016. Rigged, ground ops
 checked all checks satisfactory. All in accordance with Ayers Thrush
 maintenance manual.

Hours: 7476.3

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
 REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

June 10, 2011 [Redacted Signature] [Redacted Signature]

DATE SIGNATURE

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

MANUFACTURER Pratt & Whitney	UNIT NAME Engine	TYPE/MODEL PT6A-34	SERIAL NUMBER PCE-56009
TOTAL TIME 44,459.8	TIME SINCE OVERHAUL 0	TOTAL CYCLES 68,354	CYCLES SINCE OVERHAUL 0

THE ABOVE ITEM IDENTIFIED RECEIVED
 ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☐ HOT SECTION INSPECTION ☐

THIS ENGINE HAS BEEN OVERHAULED AND TESTED IN ACCORDANCE WITH PRATT WHITNEY MANUAL P/N 3021243. COMPLIED WITH STC SE1251GL. THIS ENGINE IS APPROVED TO RETURN TO SERVICES IN ACCORDANCE WITH THE FAA REGULATIONS. PERTINENT DETAILS OF THIS OVERHAUL ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER T-4932

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. **T-4932** DATE **29 DEC 2010** SIGNATURE **[REDACTED]** FOR: **[REDACTED]**

FAX No. **[REDACTED]**

CRS UTBR513L

TURBINES INC.

Terre Haute International Airport, Hulman Field
Terre Haute, IN 47603

Phone **[REDACTED]**

Pratt & Whitney

Engine

PT6A-34

PCE-56009

OVERHAULED AND TESTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. DETAILS OF THIS OVERHAUL ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. T4932

PART	P/N	S/N	TOTAL CYCLES	CYCLES REM	CYC LIMITS
REAR HUB	3013111	1967	12,425	6,575	19,000
DISK 2ND STG	3013712	A001780	19,000	5,000	24,000
DISK 3RD STG	3011713	3440	19,005	5,995	25,000
IMPELLER	3013176	1F582	13,698	5,302	19,000
CT DISK	3013411	6L307	10,968	5,032	16,000
CT BLADES	T102401-792	----	NEW	----	----
CT VANES	3032151 FC 5.99	----	----	----	----
PT DISC	3026812	A001HN8W	14,765	5,235	20,000

ACCESSORIES INSTALLATIONS/N	TSO
FCU 2524440-7-6	A74486 0:00
FUEL PUMP 025323-101-03	1062D 0:00
BLEED VALVE 3100829	A9632 0:00
PROP GOV 8210-002-01	12082444 0:00
FUEL/OIL HEATER 10552E	1549 0:00
START FLOW CONT 25234-2	8251 0:00
OVERSPEED GOV A210507	1745508 0:00

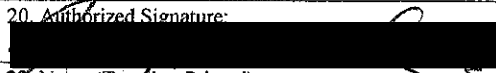
SIGNED **[REDACTED]**

TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG		

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: T5120	
4. Organization Name and Address: Turbines, Inc. 7303 Maynard Wheeler Lane. Terre Haute International Airport. Terre Haute, Indiana. 47803						5. Work Order/Contract/Invoice Number: T5120	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PT6A-34 ENGINE	3020800	NA	1	PCE56009	Overhaul	
13. Remarks: THIS ENGINE HAS BEEN OVERHUALED IAW PRATT & WHITNEY MANAUAL NUMBER 3021243 R 38 ALL DETAILS OF THIS OVERHAUL MAY BE FOUND IN THIS REPAIR STATION UNDER W/O T5120 THIS ENGINE HAS BEEN CONVERTED FROM A PT6A-34AG TO PT6A-34 DURING THIS SHOP VISIT ALL AD'S HAVE BEEN COMPLIED WITH OR PREVIOUSLY FOUND EMBODIED TTSN: 44727.3 TCSN: UNKNOWN T\$O: 0.00 CSO: 0.00							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: UTBR513L	
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): JAMES PELLEK		23. Date (m/d/y): NOV/16/2011	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block1.							
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 081412	
4. Organization Name and Address: Kansas Aviation of Independence, L.L.C. Repair Station VKUR 823L Independence Municipal Airport Independence, KS 67301		Repair Station : VKUR 823L FAA Certificate : VKUR 823L			5. Work Order/Contract/Invoice Number: 3902	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	GOVERNOR, WOODWARD	8210-002-01	N/A	1 EA	12082444	OVERHAULED
13. Remarks: OVERHAULED REF: Woodward Governor CMM 61-20-14 WG 60044, Series 8210 Basic July 30, 1988 Rev. #3, September 30, 1997 SERVICE BULLETIN 33531C Turbines, Inc.; ESN: 56009; Engine Type: Not supplied; TSO: 0.0; TSN: Not supplied; Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA.145.4603.						
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13:			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:
						VKUR 823L
17. Name (Type or Printed):		18. Date (m d y):		22. Name (Type or Printed):		23. Date (m d y):
				Terry Martinez		Sep 19 2011
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 082046	
4. Organization Name and Address: Kansas Aviation of Independence, L.L.C. Repair Station VKUR 823L Independence Municipal Airport Independence, KS 67301		. Repair Station : VKUR 823L FAA Certificate : VKUR 823L			5. Work Order/Contract/Invoice Number: 3942	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	START FLOW CONTROL PT6A	25234-2 3019109A	N/A	1 EA	7954	OVERHAULED
13. Remarks: OVERHAULED REF. Lucas O/H Manual 73-10-02 Model SPC113 Basic Date October 19, 1970 Rev. #5, April 28, 1995 Turbines, Inc.; ESN: Not supplied; Engine Type: Not supplied; TSO: 0.0; TSN: Not supplied; Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145-EASA.145.4603.						
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.: VKUR 823L
17. Name (Type or Printed):		18. Date (m d y):		22. Name (Typed or Printed): Terry Martinez		23. Date (m d y): Oct 07 2011
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 081410	
4. Organization Name and Address: Kansas Aviation of Independence, L.L.C. Repair Station VKUR 823L Independence Municipal Airport Independence, KS 67301			Repair Station : VKUR 823L FAA Certificate : VKUR 823L		5. Work Order/Contract/Invoice Number: 3903	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	FUEL HEATER PT6A	10552E 3032710	N/A	1 EA	1549	OVERHAULED
13. Remarks: OVERHAULED REF. Stewart Warner CMM 73-10-03 Basic Date September 1, 1972 Rev. #15, March 10, 2008 Turbines, Inc.; ESN: 56009; Engine Type: PT6A-34; TSO: 0.0; TSN: Not supplied;						
Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145-EASA.145.4603.						
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:
						VKUR 823L
17. Name (Type or Printed):		18. Date (m d y):		22. Name (Typed or Printed):		23. Date (m d y):
				Terry Martinez		Sep 08 2011
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 64776	
4. Organization Name and Address: International Governor Services, LLC Broomfield, CO 80020 USA REPAIR STATION: IG0R976N						5. Work Order/Contract/Invoice Number: 11924	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
001	SUNDSTRAND FUEL PUMP	025323-101-03	N/A	1	9911-0078	OVERHAULED	
13. Remarks: OVERHAULED AND RECALIBRATED FUEL PUMP PER SUNDSTRAND MANUAL 73-10-02 REV 14 (05/08) TSO: 0.0 TSN: 0.0							
CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA 145.4575							
14. Certifies that items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13				19. ☒ 14 CFR 43.9 Return to service ☒ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14 Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
						IG0R976N	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				NATHAN LONG		DEC 23, 2009	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.							

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 081894
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4. Organization Name and Address: Kansas Aviation of Independence, L.L.C. Repair Station VKUR 823L Independence Municipal Airport Independence, KS 67301	Repair Station : VKUR 823L FAA Certificate : VKUR 823L	5. Work Order/Contract/Invoice Number: 3928
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6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	FUEL CONTROL	2524440-7-6	N/A	1 EA	A7447	OVERHAULED

13. Remarks:
OVERHAULED AND UPGRADED REF. Honeywell Model DP-F2
CMM 73-20-31
Basic Date December 15, 1986
Rev. #2, February 29, 2008
SIB28 & SERVICE BULLETINS 3029224-73-4 & 3029224-73-9.
Turbines, Inc.; ESN: Not supplied; Engine Type: Not supplied; TSO: 0.0; TSN: Not supplied;

Certifies work specified in Blocks 12/13 was carried out in accordance with EASA part 145, and with respect to that work, the component is considered ready for release to service under EASA part 145 Approval Number EASA 145-EASA.145.4603.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulations specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: 	21. Approval/Certificate No.: VKUR 823L
17. Name (Type or Printed):	18. Date (m d y):	22. Name (Typed or Printed): Terry Martinez	23. Date (m d y): Oct 05 2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

MAINTENANCE RECORD

14

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Pratt & Whitney

Engine

PT6A-34

PCE-56009

ENGINE TEST DATA

OIL TYPE - EXXON 2380

FUEL TYPE - JETA II

RATING	SHP	Ng%	T5R DEGREES	SFC	DATA PLATE SPD	TRIM CLASS
TAKE OFF	750	98.6	1845	.61037	36,527	CL 20
VANES RING CLASS AVERAGE		CT VANE : 5.99		PT: 12.23		

AD NOTE and SERVICE BULLETIN COMPLIANCE

AD	DATE	METHOD OF COMPLIANCE	REOCCURRING
75-06-01	12-29-2010	N/A CW 1138,1220,1216	N/A
75-11-04	12-29-2010	N/A PT SHAFT P/N 3010548 NOT INSTALLED	N/A
80-08-12	12-29-2010	N/A BY P/N 5006050 INSTALLED	N/A
90-12-05	12-29-2010	N/A BY S/N	N/A
92-15-11	12-29-2010	N/A BY INSTALLATION	N/A
97-04-12	12-29-2010	N/A BY CODE	N/A
2002-23-13	12-29-2010	CW WITH VISUAL INSP I A W P/W 1610	100 HR

SERVICE BULLETINS COMPLIED WITH ON THIS OVERHAUL

1138,1216,1220

SIGNED

DATE 29 Dec 2010

100 HR
ERROR
ONE TIME
ONLY

MANUFACTURER
Pratt & Whitney

UNIT NAME
Engine

TYPE/MODEL
PT6A-34

SERIAL NUMBER
PCE56009

TOTAL TIME
44,459.8

TIME SINCE OVERHAUL

TOTAL CYCLES

CYCLES SINCE OVERHAUL

THE ABOVE ITEM IDENTIFIES RECEIVED

ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐

REPAIR ☐

OHC ☐

HOT SECTION INSPECTION ☐

Installed engine PCE56009 on aircraft N455JM S/N 6016. Rigged, ground ops
leaked checked all checks satisfactory. All in accordance with Ayers Thrush
maintenance manual.

Hobbs: 7476.3

THIS ENGINE OR APPLIANCE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

June 10, 2011

DATE

SIGNATURE

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

[illegible]