
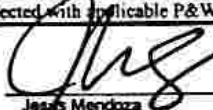


Section 3A: Engine Service and Maintenance Log

DATE / /		TIME RUN		TIME SINCE OVERHAUL		CYCLES	
HOURS	min	HOURS	min	Sub Total	TOTAL		
BROUGHT FORWARD →							
Airforce Turbine Service P.O. Box 146 Tynan, TX 78391 www.pt6a.aero						 Certified Repair Station TQZR133K Phone (361) 547-3386 Fax (361) 547-7273	
Cycle Sheet							
W.O.		9942		Date		11/9/20	
A/C Reg.		A/C Model		Eng Model		Eng S/N (PCE#)	
N/A		N/A		PT6A-114A		PCE-PC0940	
Eng TT		Eng TSO		Eng CSN		Eng CSO	
8,003.6		0.0		9,739		0.0	
Work Performed							
<ul style="list-style-type: none">Engine OverhaulTest Cell						Parts List Attached	
Remarks: Installed 58 new CT Blades P/N E3045741-01 and 41 new PT Blades P/N E3013102. The following service bulletins accomplished at this shop visit: 1555 1558 1574 A1620 1621 1637 1638 1645 1665 a1667 1705 1766.							
Nomenclature		PN		SN		Cycles	
						Consumed Remaining	
1 st Stg. Hub		3013111		74B488		9,739 9,261	
2 nd Stg. Disk		3013712		A001289C		9,739 14,261	
3 rd Stg. Disk		3011713		A0011X3F		9,739 15,261	
Impeller		3027798		TX1A1190		9,739 9,261	
CT Disk		3013411		CRAZAFCD154		4,685 11,315	
1 st Stg. PT Disk		3026812		A0012BAA		9,739 10,261	
All work carried out I.A.W. P&WC							
Overhaul Manual P/N 3021243 Rev. 47							
This signed document is an official Log Book Entry and must be fixed in the appropriate Log Book							
This certifies that only work approved by the customer was accomplished I.A.W. FAA regulations and current Mfg. Specifications. The product is approved for return to service. Pertinent details are on file at this repair station under the assigned Work Order (W.O.) number (if applicable). Turbine Blade Warranty: New blades are warranted by manufacturer; overhauled blades are warranted by overhaul vendor; serviceable blades are inspected with applicable P&WC Manuals and are reinstalled as per customer. ATS does not warranty turbine blades.							
Authorized Signature				Chief Inspector		Date 11/9/20	
		Jesse Mendoza				11/9/20	
ATS Form# LE003							
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04/12/2021 N950PA Hobbs: 6252.5
PT6A-114A S/N: PCE-PC0940 TT: 8003.6 TSO: 0.0 TC: 9739 CSO: 0

This date this engine installed on N950PA, S/N: 208B1063 and completed a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. All Fuel and Oil Hoses replaced with new. Engine Oil Breather Vent Hoses replaced with new. Installed serviceable Propeller Overspeed Governor, P/N: D210507W, S/N: 18047609, TSO: 1105.2. Ops check good. Installed serviceable Starter Generator, P/N: 200SGL153Q, S/N: S00132XL, TSO: 782.4, Ops check good. Installed Overhauled Ignition Exciter, P/N: 10-381550-4, S/N: NN01385028, TSO: 0.0. Ops check good. Balanced Propeller and performed Engine Vibes per MORE STC using MicroVib II. Ops check and leak check good on ground runs. See Work Order SA-1509 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

David Gibson  AP4124130
Southern Airways Express

05/02/2021 N950PA Hobbs: 6338.9
PT6A-114A S/N: PCE-PC0940 TT: 8090.0 TSO: 86.4 TC: 9797 CSO: 58

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1528 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
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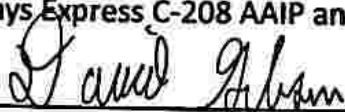
05/16/2021 N950PA Hobbs: 6425.6
PT6A-114A S/N: PCE-PC0940 TT: 8176.7 TSO: 173.1 TC: 9851 CSO: 112

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W Starter Generator Brush Inspection. See Work Order SA-1540 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

05/29/2021 N950PA Hobbs: 6516.7
PT6A-114A S/N: PCE-PC0940 TT: 8267.8 TSO: 264.2 TC: 9912 CSO: 173

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Installed Inspected/Repaired Fuel Nozzles, TSO: 763.7. See Heritage Turbines 8130 dated 5/12/21. Ops check and leak check good. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1585 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

David Gibson  AP4124130
Southern Airways Express

06/15/2021 N950PA Hobbs: 6614.3
PT6A-114A S/N: PCE-PC0940 TT: 8365.4 TSO: 361.8 TC: 9980 CSO: 241

This date completed a MORE 400 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W Starter Generator Brush Inspection. See Work Order SA-1598 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

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06/28/2021 N950PA Hobbs: 6684.1
PT6A-114A S/N: PCE-PC0940 TT: 8435.2 TSO: 431.6 TC: 10034 CSO: 295

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W AD 2014-17-08R1 by Boroscope inspection. No defects noted. Next due at Hobbs: 7184.1. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1615 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

07/14/2021 N950PA Hobbs: 6777.6
PT6A-114A S/N: PCE-PC0940 TT: 8528.7 TSO: 525.1 TC: 10102 CSO: 363

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Installed Repaired/Inspected Fuel Nozzles. Ops check and leak check good. C/W Starter Generator Brush Inspection. See Work Order SA-1643 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

07/27/2021 N950PA Hobbs: 6874.6
PT6A-114A S/N: PCE-PC0940 TT: 8625.7 TSO: 622.1 TC: 10167 CSO: 428

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1661 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
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08/19/2021 N950PA Hobbs: 6961.7
PT6A-114A S/N: PCE-PC0940 TT: 8712.8 TSO: 709.2 TC: 10228 CSO: 489

This date completed a MORE 400 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Balanced Propeller. C/W Starter Generator Brush Inspection. See Work Order SA-1704 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

David Gibson David Gibson AP4124130
Southern Airways Express

09/11/2021 N950PA Hobbs: 7045.4
PT6A-114A S/N: PCE-PC0940 TT: 8796.5 TSO: 792.9 TC: 10283 CSO: 544

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Installed overhauled Fuel Nozzles, TSO: 0.0. Ops check and leak check good. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1726 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

David Gibson David Gibson AP4124130
Southern Airways Express

09/24/2021 N950PA Hobbs: 7135.8
PT6A-114A S/N: PCE-PC0940 TT: 8886.9 TSO: 883.3 TC: 10358 CSO: 619

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W AD 2014-17-08 by boroscope inspection. Next due at Hobbs: 7635.8. C/W Starter Generator Brush Inspection. See Work Order SA-1752 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

James Morasky James B Morasky AP3792754
Southern Airways Express

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10/08/2021 N950PA Hobbs: 7199.7
PT6A-114A S/N: PCE-PC0940 TT: 8950.8 TSO: 947.2 TC: 10416 CSO: 677

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W AGB Scavenge Screen Inspection. C/W FCU Manual Override Check. Replaced P3 Filter and Oil Filter with new. C/W Starter Generator Brush Inspection. See Work Order SA-1772 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

James Morasky  AP3792754
Southern Airways Express

10/30/2021 N950PA Hobbs: 7296.0
PT6A-114A S/N: PCE-PC0940 TT: 9047.1 TSO: 1043.5 TC: 10503 CSO: 764

This date completed a MORE 300/400 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Installed overhauled Nozzles, TSO: 0.0. See Heritage Turbines 8130 dated 9/16/21. Leak check good. C/W Starter Generator Brush Inspection. See Work Order SA-1796 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

William Devine  AP3450885
Southern Airways Express

11/13/2021 N950PA Hobbs: 7362.7
PT6A-114A S/N: PCE-PC0940 TT: 9113.8 TSO: 1110.2 TC: 10563 CSO: 824

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Removed Starter Generator S/N: S00132XL for overhaul, TSO: 1892.6. Installed overhauled Starter Generator P/N: 200SGL153Q, S/N: 2161XL, TSO: 0.0. C/W FCU Manual Override Check. See Work Order SA-1830 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Thomas Leverich  AP3328084
Southern Airways Express

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
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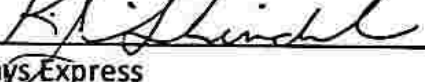
12/11/2021 N950PA Hobbs: 7431.9
PT6A-114A S/N: PCE-PC0940 TT: 9183.0 TSO: 1179.4 TC: 10627 CSO: 888

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W Starter Generator Brush Inspection. See Work Order SA-1861 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

01/05/2022 N950PA Hobbs: 7474.4
PT6A-114A S/N: PCE-PC0940 TT: 9225.5 TSO: 1221.9 TC: 10665 CSO: 926

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1922 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

02/01/2022 N950PA Hobbs: 7567.8
PT6A-114A S/N: PCE-PC0940 TT: 9318.9 TSO: 1315.3 TC: 10747 CSO: 1008

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. installed Inspected/Repaired Nozzles, TSO: 280.8. Ops check and leak check good. C/W AD 2014-17-08R1 CT Blade Boroscope Inspection with no defects noted. Next due at Hobbs: 8067.8. C/W Starter Generator Brush Inspection. See Work Order SA-1956 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

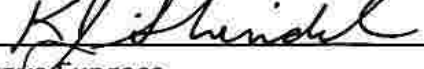
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02/17/2022 N950PA Hobbs: 7662.0
PT6A-114A S/N: PCE-PC0940 TT: 9413.1 TSO: 1409.5 TC: 10827 CSO: 1088

This date completed a MORE 400 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Removed Bleed Valve for 1500 hr inspection S/N: GA1531, TSO: 1409.5. Installed overhauled Bleed Valve P/N: 540-1407-4, S/N: 5705, TSO: 0.0. Ops check good. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-1981 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express


03/09/2022 N950PA Hobbs: 7751.6
PT6A-114A S/N: PCE-PC0940 TT: 9502.7 TSO: 1499.1 TC: 10907 CSO: 1168

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W Starter Generator Brush Inspection. See Work Order SA-2005 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

04/01/2022 N950PA Hobbs: 7838.8
PT6A-114A S/N: PCE-PC0940 TT: 9589.9 TSO: 1586.3 TC: 10985 CSO: 1246

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Installed Inspected Fuel Nozzles, TSO: 271.8. See Heritage Turbines 8130 dated 2/10/22. Leak check good. C/W FCU Manual Override check. C/W Starter Generator Brush Inspection. See Work Order SA-2046 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

Section 3A: Engine Service and Maintenance Log


DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

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04/27/2022 N950PA Hobbs: 7931.6
PT6A-114A S/N: PCE-PC0940 TT: 9682.7 TSO: 1679.1 TC: 11065 CSO: 1326

This date completed a MORE 100 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. Removed Propeller S/N: 040209. Installed overhauled Propeller 3GFR34C703-B, S/N: 952448. Ops check and leak check good. C/W Starter Generator Brush Inspection. See Work Order SA-2086 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

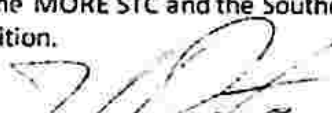
05/22/2022 N950PA Hobbs: 8020.4
PT6A-114A S/N: PCE-PC0940 TT: 9771.5 TSO: 1767.9 TC: 11145 CSO: 1406

This date completed a MORE 400 and a P&WC Engine Minor Inspection. C/W a 100 hr Special Inspection. C/W Ignition System Inspection. C/W AD 2014-17-08R1 by boroscope inspection with no defects noted. Next due at Hobbs: 8520.4 C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2145 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

06/26/2022 N950PA Hobbs: 8128.5
PT6A-114A S/N: PCE-PC0940 TT: 9879.6 TSO: 1876.0 TC: 11236 CSO: 1497

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed Inspected/Repaired Nozzles, TSO: 444.2. Leak check good. C/W AGB Scavenge Screen Inspection. C/W FCU Manual Override Check. Replaced Oil Filter and P3 Filter with new. Removed Starter Generator S/N: 2161XL, TSO: 765.8. Installed overhauled Starter Generator P/N: 2005GL153Q, S/N: S000132XL, TSO: 0.0. Ops check good. See Work Order SA-2191 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

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07/22/2022 N950PA Hobbs: 8271.0
PT6A-114A S/N: PCE-PC0940 TT: 10022.1 TSO: 2018.5 TC: 11354 CSO: 1615

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Removed Fuel Control Unit for MORE Special Inspection, S/N: C66590, TSO: 2018.5. Installed overhauled Fuel Control Unit, P/N: 3244897-4, S/N: B10518, TSO: 0.0. Ops check and leak check good. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2254 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

07/28/2022 N950PA Hobbs: 8273.2
PT6A-114A S/N: PCE-PC0940 TT: 10024.3 TSO: 2020.7 TC: 11356 CSO: 1617

This date removed Fuel Control S/N: B10518, TSO: 2.2. Installed serviceable FCU P/N: 3244897-4, S/N: C65765, TSO: 1006.2. Ops check and leak check good.

Teodulo Quintero  AP4331266
Southern Airways Express

08/25/2022 N950PA Hobbs: 8417.5
PT6A-114A S/N: PCE-PC0940 TT: 10168.6 TSO: 2165.0 TC: 11478 CSO: 1739

This date completed a MORE 300/450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed Inspected/Repaired Nozzles, TSO: 279.0. Leak check good. C/W AD 2014-17-08R1 by boroscope inspection with no defects noted. Next due at Hobbs: 8917.5. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2309 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

09/17/2022 N950PA Hobbs: 8564.9
PT6A-114A S/N: PCE-PC0940 TT: 10316.0 TSO: 2312.4 TC: 11602 CSO: 1863

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2339 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

Section 3A: Engine Service and Maintenance Log

10/10/2022 N950PA Hobbs: 8706.0
PT6A-114A S/N: PCE-PC0940 TT: 10457.1 TSO: 2453.5 TC: 11724 CSO: 1985

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed Inspected/Repaired Nozzles. Leak check good. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2387 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express


11/18/2022 N950PA Hobbs: 8853.3
PT6A-114A S/N: PCE-PC0940 TT: 10604.4 TSO: 2600.8 TC: 11850 CSO: 2111

This date completed a MORE 450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W AD 2014-17-08R1 CT Blade Boroscope Inspection. Next due at Hobbs: 9353.3. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2476 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

12/26/2022 N950PA Hobbs: 8991.7
PT6A-114A S/N: PCE-PC0940 TT: 10742.8 TSO: 2739.2 TC: 11969 CSO: 2230

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed Repaired/Inspected Nozzles, TSO: 297.3. Leak check good. C/W AGB Scavenge Screen Inspection. Replaced Oil Filter and P3 Filter with new. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2554 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express

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01/29/2023 N950PA Hobbs: 9144.2
PT6A-114A S/N: PCE-PC0940 TT: 10895.3 TSO: 2891.7 TC: 12098 CSO: 2359

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. C/W Starter Generator Brush Inspection. See Work Order SA-2611 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Teodulo Quintero  AP4331266
Southern Airways Express


02/02/2023 N950PA Hobbs: 9162.8
PT6A-114A S/N: PCE-PC0940 TT: 10913.9 TSO: 2910.3 TC: 12114 CSO: 2375

Removed Bleed Valve S/N: 5705 for test/inspection. Installed overhauled Bleed Valve P/N: 540-1407-4(3049038-03), S/N: GA1531. TSO: 0.0. Ops check and leak check good.

Teodulo Quintero  AP4331266
Southern Airways Express

03/21/2023 N950PA Hobbs: 9290.2
PT6A-114A S/N: PCE-PC0940 TT: 11041.3 TSO: 3037.7 TC: 12239 CSO: 2500

This date completed a MORE 300/450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed overhauled Fuel Nozzles, TSO: 0.0. Leak check good. Removed Fuel Control for MORE Special Inspection S/N: C65765, TSO: 2023.2. Installed overhauled Fuel Control PN: 3224897-4, SN: F66862, TSO: 0.0. Ops check and leak check good. C/W AD 2014-17-08R1 by boroscope inspection with no defects noted. Next due at Hobbs: 9790.2. C/W FCU Manual Override Check. See Work Order SA-2696 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Martin Flores  AP3941346
Southern Airways Express

04/26/2023 N950PA Hobbs: 9437.0
PT6A-114A S/N: PCE-PC0940 TT: 11188.1 TSO: 3184.5 TC: 12379 CSO: 2640

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. See Work Order SA-2776 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Martin Flores  AP3941346
Southern Airways Express

05/30/2023 N950PA Hobbs: 9554.5
PT6A-114A S/N: PCE-PC0940 TT: 11305.6 TSO: 3302.0 TC: 12506 CSO: 2767

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. Installed leak checked and flow checked fuel nozzles, TSO: 454.8. Leak check good. See Work Order SA-2875 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Martin Flores M. Flores AP3941346
Southern Airways Express

06/24/2023 N950PA Hobbs: 9696.5
PT6A-114A S/N: PCE-PC0940 TT: 11447.6 TSO: 3444.0 TC: 12638 CSO: 2899

This date completed a MORE 450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W AD 2014-17-08R1 by borescope inspection with no defects noted. Next due at Hobbs: 10196.5. C/W Ignition System Inspection. C/W FCU Manual Override Check. Balanced Propeller. See Work Order SA-2904 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Martin Flores M. Flores AP3941346
Southern Airways Express

07/20/2023 N950PA S/N: PCE-PC0940 Hobbs: 9827.2 TT: 11578.3 TSO: 3574.7
TC: 12758 CSO: 3019

This date completed a MORE 300 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. Removed and Replaced Engine Fuel Nozzles. All Operational Checks Good. Reference Heritage Turbines Work Order: 23-1371. Inspected Set of Nozzles Installed. TSO: (613.3). C/W FCU Manual Override Check. See Work Order SA-2944 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Rich Hanzel Rich Hanzel AP3441187
Southern Airways Express

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PREVIOUS TOTALS									
TOTALS SINCE NEW									

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ENGINE

Serial PCE-PC0940 Total Time: 11612.1 ENTC:12797 TSOH:3608.5 CSOH:3058

COMPLIED WITH ENGINE MINOR.

COMPLIED WITH MORE 100/150 HOUR INSPECTION.

COMPLIED WITH MANUAL OVERRIDE CHECK.

REPLACED OIL FILTER

REPLACED P-3 FILTER.

COMPLIED WITH IGNITION SYSTEM INSPECTION.

COMPLIED WITH AGB SCAVENGE SCREEN INSPECTION.

GROUND RUN, LEAK CHECKS, AND OPS CHECKS GOOD AT THIS TIME.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE
 PRATT & WHITNEY PT6A-114A MM AND FOUND TO BE AIRWORTHY FOR RETURN
 TO SERVICE.

 TECHNICIAN:  DATE: 09/19/2023 CERT: 34394791A

 10/05/2023 N950PA S/N: PCE-PC0940 Hobbs: 9962.0 TT: 11713.1 TSO: 3709.5
 TC: 12919 CSO: 3180

This date completed a MORE 150 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W
 Ignition System Inspection. C/W FCU Manual Override Check. See Work Order SA-3102 for further inspection details. I
 certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to
 be in an airworthy condition.

 Rich Hanzel  AP3441187
 Southern Airways Express

 11/07/2023 N950PA Hobbs: 105.8
 PT6A-114A S/N: PCE-PC0940 TT: 11856.9 TSO: 3853.3 TC: 13049 CSO: 3310

This date completed a MORE 300/450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special
 Inspection. C/W AD 2014-17-08R1 by borescope inspection with no defects noted. Next due at
 Hobbs: 605.8. Installed leak checked and flow tested Fuel Nozzles, TSO: 255.8. Leak check good. C/W
 Ignition System Inspection. C/W FCU Manual Override Check. Balanced Propeller. See Work Order
 SA-3150 for further inspection details. I certify this engine has been inspected in accordance with the
 MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy
 condition.

 Mike Rogers  AP3210978
 Southern Airways Express

12/01/2023 N950PA Hobbs: 243.0
PT6A-114A S/N: PCE-PC0940 TT: 11994.1 TSO: 3990.5 TC: 13139 CSO: 3400

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. Removed Ignition Exciter for overhaul, SN: NN01385028, TSO: 3990.5. Installed new Ignition Exciter PN: CH92106-5, SN: 21025543. Ops check good. Removed Propeller Governor for overhaul, SN: 1758625, TSO: 3990.5. Installed overhauled Governor PN: 8210-002-01, SN: 12383141, TSO: 0.0. Ops check and leak check good. Removed Fuel Pump for overhaul, SN: 002563, TSO: 3990.5. Installed overhauled Fuel Pump PN: 702801-5, SN: 003787, TSO: 0.0. Ops check and leak check good. C/W FCU Manual Override Check. See Work Order SA-3207 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Mike Rogers  AP3210978
Southern Airways Express


01/09/2024 N950PA S/N: PCE-PC0940 Hobbs: 385.9 TT: 12137.0 TSO: 4133.4
TC: 13269 CSO: 3530

This date completed a MORE 300 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. Removed and Replaced Engine Fuel Nozzles. All Operational Checks Good. Reference Heritage Turbines Work Order: 23-2509. Inspected Set of Nozzles Installed. TSO: (519.3). C/W FCU Manual Override Check. See Work Order SA-3237 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Rich Hanzel  AP3441187
Southern Airways Express

03/07/2024 N950PA S/N: PCE-PC0940 Hobbs: 515.6 TT: 12266.7 TSO: 4263.1
TC: 13395 CSO: 3656

This date completed a MORE 450 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. Removed and Replaced Engine Bleed Valve. All Operational Checks Good. PNON: 540-1407-4. SNON: GA1063. Reference Heritage Turbines Work Order: 23-1568. Inspected Bleed Valve Installed. TSO: (1427.5). C/W AD 2014-17-08R1 CT Blade Borescope Inspection. No Defects Noted. Next Due at Hobbs: (1015.6). Cleaned P3 Filter. C/W P3 Filter and Drain valve Inspection. C/W FCU Manual Override Check. See Work Order SA-3381 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Rich Hanzel  AP3441187
Southern Airways Express

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FAA Approved Repair Station No. CP2R750K - TASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
2011 Airport Rd. Okmulgee, OK 74447 Ph 918-756-7862 Fax 918-756-3424

Date February 3, 2024	Each/Hobbs 408.0	Engine Model PT6A-114A	Engine S/N PT1-PT0910	Act. Rep. No. N950PA
Eng. Total Time 12159.1	TSOH 4153.8	Eng. Total Cycles Ref SH 10021031	C/SN 13287 C/SO 3548	Act. Mod Ser No. 208 B 1063
<p>Removed accessories from the rear of the engine, drained oil, removed the Accessory Gearbox, split AGB Case from Diaphragm and removed the defective Starter Generator Gearshaft Carbon Seal. Installed New Carbon Seal P/N 3036777, replaced all packings and reassembled engine. Installed all removed components, serviced engine with qts. of Aeroshell 560, complied with a leak check run and then ran the engine at 80% Ng for 10 minutes. No defects noted.</p> <p>All work performed in accordance with the manufacturer's manuals and other data acceptable to the administrator.</p> <p>MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturer's specifications. In respect to the work performed, the engine/component is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No: 0220228442</p> <p>Authorized Signature: <i>[Signature]</i> Date February 3, 2024 C/OV1056 (Rev 06-99)</p>				



FAA Approved Repair Station No. CP2R750K - TASA Approved
Pratt & Whitney Canada Designated Overhaul Facility
2011 Airport Rd. Okmulgee, OK 74447 Ph 918-756-7862 Fax 918-756-3424

Date February 3, 2024	Each/Hobbs 408.0	Engine Model PT6A-114A	Engine S/N PT1-PT0910	Act. Rep. No. N950PA
Eng. Total Time 12159.1	TSOH 4155.5	Eng. Total Cycles Ref SH 10021031	C/SN 13287 C/SO 3548	Act. Mod Ser No. 208 B 1063
<p>Removed accessories from the rear of the engine, drained oil, removed the Accessory Gearbox, split AGB Case from Diaphragm and removed the defective Starter Generator Gearshaft Carbon Seal. Installed New Carbon Seal P/N 3036777, replaced all packings and reassembled engine. Installed all removed components, serviced engine with qts. of Aeroshell 560, complied with a leak check run and then ran the engine at 80% Ng for 10 minutes. No defects noted.</p> <p>All work performed in accordance with the manufacturer's manuals and other data acceptable to the administrator.</p> <p>MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturer's specifications. In respect to the work performed, the engine/component is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No: 0220228442</p> <p>Authorized Signature: <i>[Signature]</i> Date February 3, 2024 C/OV1056 (Rev 06-99)</p>				



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04/16/2024 N950PA Hobbs: 652.3
PT6A-114A S/N: PCE-PC0940 TT: 12403.4 TSO: 4399.8 TC: 13534 CSO: 3795

This date completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed leak checked and flow checked Fuel Nozzles. TSO: 858.0. Leak check good. C/W FCU Manual Override Check. C/W P3 Filter Drain Valve Inspection. Replaced P3 Filter with new. See Work Order SA-3456 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

05/10/2024 N950PA S/N: PCE-PC0940 Hobbs: 781.1 TT: 12532.2 TSO: 4528.6
TC: 13673 CSO: 3934

This date completed a MORE 150 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. C/W AGB Scavenge Screen Inspection. Replaced Engine Oil Filter with New. Cleaned P3 Filter. C/W P3 Filter and Drain valve Inspection. C/W FCU Manual Override Check. See Work Order SA-3538 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Rich Hanzel  AP3441187
Southern Airways Express

06/03/2024 N950PA Hobbs: 912.9
PT6A-114A S/N: PCE-PC0940 TT: 12664.0 TSO: 4660.4 TC: 13824 CSO: 4085

This date completed a MORE 300/450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed leak checked and flow checked Fuel Nozzles, TSO: 883.8. Leak check good. C/W AD 2014-17-08R1 by borescope inspection with no defects noted. Next due at Hobbs: 1412.9. C/W FCU Manual Override Check. C/W P3 Filter Drain Valve Inspection. Replaced P3 Filter with new. See Work Order SA-3577 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							

06/29/2024 N950PA S/N: PCE-PC0940 Hobbs: 1039.4 TT: 12790.5 TSO: 4786.9
 TC: 14003 CSO: 4264

This date completed a MORE 150 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. Cleaned P3 Filter. C/W P3 Filter and Drain valve Inspection. C/W FCU Manual Override Check. See Work Order SA-3614 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAP and determined to be in an airworthy condition.

Rich Hanzel AP3441187
 Southern Airways Express

07/22/2024 N950PA Hobbs: 1164.5 AFTT: 21176.1
 PT6A-114A S/N: PCE-PC0940 TT: 12915.6 TSO: 4912.0 TC: 14140 CSO: 4401

This date engine split at C-Flange and CT Disk Assembly removed for shipment to Turbine Standard for the MORE 5000 hr CT Disk and Blade Inspection. CT Disk PN: 3013411, SN: CRAZAFCD154, CSN: ~~14140~~ 9086 CT Blade PN: E3045741-01, TSN: 4912.0

Nevin Spade, Manager of Quality AP3860187
 Southern Airways Express

TURBINE STANDARD, LTD. FAA CRS: X2ZR927X		ENGINE LOG ENTRY		DATE 8/5/2024
ENGINE MODEL	SERIAL NUMBER	CUSTOMER	WORK SCOPE	W.O.#
PT6A-114A	PCE-PC0940	Southern Airways	Limited Repair	101149
ENGINE T.S.N. 12,915.6	ENGINE C.S.N. 14,140	ENGINE T.S.O. 4,912.0	ENGINE C.S.O. 4,401	
Completed Limited Repair in accordance with the PT6A-114A Overhaul Manual 3021243. Inspected CT Disk Assembly [PN: 3045761-01, SN: CRAZAFCD154, CSN: 9,086]. Installed (58) each New CT Blades PN: E3045741-01 IAW Entex SB T-812 as an AMOC to AD 2014-17-08 R1. Ground and balanced CT Disk Assembly to an outside diameter of 8.556. Installed (9) each New Shroud Segments PN: E3018503CL12. Ground CT Vane Assembly [Vane SN: HLA197P, Flow Class: 6.22] to a tip clearance of .013. Pertinent details of all work completed are on file at Turbine Standard, Ltd. under Work Order 101149. All work was accomplished IAW FAR Part 43 and, with respect to the work performed has been found to be airworthy, is approved for return to service.				

SIGNATURE:
 Brandon M. Carman for FAA CRS: X2ZR927X

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

08/19/2024 N950PA Hobbs: 1164.5 AFTT: 21176.1
PT6A-114A S/N: PCE-PC0940 TT: 12915.6 TSO: 4912.0 TC: 14140 CSO: 4401

Engine split at C-flange to remove CT Disk Assembly for the MORE CT Blade/CT Disk 5000 hr inspection. CT Disk Assembly inspected by Turbine Standard, who installed all new CT Blades PN: E3045741-01. See their WO 101149 for details. This complies with AMOC to AD 2014-17-08R1. Next CT Blade Inspection due at Hobbs: 1664.5. Inspected CT Disk Assembly returned and reinstalled. Completed a MORE 300 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Installed leak checked and flow checked Fuel Nozzles, TSO: 1032.6. Leak check good. C/W FCU Manual Override Check. C/W P3 Filter Drain Valve Inspection. Cleaned P3 Filter. Engine Performance Run completed with no leaks or defects noted. See Work Order SA-3684 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

09/11/2024 N950PA Hobbs: 1279.7 ACTT: 21291.3
PT6A-114A S/N: PCE-PC0940 TT: 13030.8 TSO: 5027.2 TC: 14263 CSO: 4524

This date completed a MORE 450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Check. C/W P3 Filter Drain Valve Inspection. Cleaned P3 Filter. See Work Order SA-3834 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Tom Leverich  AP3328084
Southern Airways Express

10/10/2024 N950PA Hobbs: 1332.4 ACTT: 21344.0
PT6A-114A S/N: PCE-PC0940 TT: 13083.5 TSO: 5079.9 TC: 14323 CSO: 4584

This date removed FCU SN: F66862, TSO: 2042.2, for the MORE Special Inspection. Installed overhauled FCU PN: 3244897-4, SN: B10590, TSO: 0.0. Ops check and leak check good.

Tom Leverich  AP3328084
Southern Airways Express

1. Approving Civil Aviation Authority/Country: FAA/United States		2.		3. Form Tracking Number: 101149-049-01	
4. Organization Name and Address: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Turbine Standard, Ltd. 10550 Industrial Rd. Holland, OH 43528 X2ZR927X				5. Work Order/Contract/Invoice Number: 101149	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number	11. Status/Work
1	CT Disk Assembly	3045761-01	1	CRAZAFCD154	INSPECTED
12. Remarks: Inspected IAW PT6A-114A Overhaul Manual 3021243. Installed (58) each New CT Blades PN: E3045741-01 IAW Entex SB T-812 as an AMOC to AD 2014-17-08 R1. Ground and Balanced to an outside diameter of 8.556. CSN: 9,086 This statement certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: EASA.145.11					
13a. Certify the items identified above were manufactured in conformity with: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-Approved design data specified in Block 12.					
13b. Authorized Signature:		13c. Approval/Signature:		13d. Date (dd/mm/yyyy):	
13b. Name (Typed or Printed):		13c. Date (dd/mm/yyyy):		13d. Date (dd/mm/yyyy):	
14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other Regulation specified in Block 12. Certified that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.					
14b. Authorized Signature:		14c. Approval/Certificate No.:		14d. Date (dd/mm/yyyy):	
14b. Name (Typed or Printed): Brandon M. Carman		14c. FAA CRS: X2ZR927X		14d. Date (dd/mm/yyyy): 05/Aug/2024	
User / Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the air worthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.					

T-812 Service Bulletin

AMOC to AD 2014-17-08R1

Blade, Compressor Turbine P/N E3045741-01

Revision: IR

Issued: 11/16/2016

Subject:	Alternative Method of Compliance (AMOC) of General Applicability to Airworthiness Directive (A.D.) 2014-17-08R1.
Part Numbers:	P/N E3045741-01 -- Blade, Compressor Turbine (CT)
Installation(s):	Pratt & Whitney Canada PT6A-114, PT6A-114A Models
Revision History:	IR -- Dated 11/16/2016 Initial Release
Reason:	To provide an alternative method of compliance (AMOC) to AD 2014-17-08R1 actions.
Description:	AMOC Permits continued operation of EXTEX replacement CT Blade P/N E3045741-01
Applicability:	EXTEX PMA replacement CT Blades P/N E3045741-01 that have ever been operated in, that are currently installed in, or will be installed in, Pratt & Whitney Canada model engines PT6A-114, PT6A-114A.
Accomplishment Instructions:	<p>All references to CT blades are to EXTEX CT blade P/N E3045741-01 only. For each engine when you are using this AMOC, record information on the page 2 form of this document (Appendix A) and return to EXTEX Customer Service.</p> <p>In lieu of A.D. 2014-17-08R1 paragraph (e)(1): The periodic inspection requirements are as follows.</p> <ol style="list-style-type: none">For CT blades installed prior to October 8, 2014; perform the initial borescope inspection (BSI) of the CT blade leading and trailing edges per A.D. 2014-17-08R1 paragraph (e)(1)(i). Repeat the BSI within every 500 hours since the previous BSI per A.D. 2014-17-08R1 paragraph (e)(1)(ii).For new CT blades installed after October 8, 2014; perform the initial borescope inspection (BSI) of the CT blade leading and trailing edges within 500 operating hours per A.D. 2014-17-08R1 paragraph (e)(1)(i)(B). Repeat the BSI within every 500 hours since the previous BSI per A.D. 2014-17-08R1 paragraph (e)(1)(ii).At the next hot section inspection (HSI) or overhaul inspection (OHI), and each HSI or OHI thereafter, replace the complete set of CT blades with the following, in any combination:<ol style="list-style-type: none">New CT blades; orCT blades that have passed a two-blade metallurgical inspection in accordance with PWC Standard Practices Manual PN 585005 or per A.D. 2014-17-08R1 paragraph (e)(1)(iii)(B). <p>2) In lieu of A.D. 2014-17-08R1 paragraph (e)(2): Replace the complete set of CT blades with EXTEX CT blades, P/N E3045741-01. The initial and periodic inspections defined previously apply.</p> <p>3) In lieu of A.D. 2014-17-08R1 paragraph (e)(3): By October 8, 2017, if not previously accomplished, replace the complete set of CT blades with EXTEX CT blades P/N E3045741-01. The initial and periodic inspections defined previously apply.</p>
Approval:	This document is FAA approved per Engine Certification Office Letter dated 11/16/2016.
Notes:	Please contact EXTEX customer service with any questions at 480.606.1039

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Appendix A

AMOC to AD 2014-17-08R1 Notification

Customer:

Engine Information

Engine Model

☐ PT6A-114

☒ PT6A-114A

Engine Serial Number

PCE - PC0940

E3045741-01 Blade Information

Blades Installed (Date):

8/5/2024

Blades Installed (Engine TSN/CSN):

12,915.6 / 14,140

Airplane Information

Airplane Model:

Registration Number:

N

Operator:

Operator Contact:

Return to EXTEX Customer Service at: 480.632.1039, fax to 480.635.0058, or email to your customer service representative

Section 3A- Engine Service and Maintenance Log

09/25/2024 N950PA Hobbs: 1332.4 ACTT: 21344.0
PT6A-114A S/N: PCE-PC0940 TT: 13083.5 TSO: 5079.9 TC: 14323 CSO: 4584

1ED: 

This date completed a MORE 150 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. C/W FCU Manual Override Static Check. C/W P3 Filter Drain Valve Inspection. Cleaned P3 Filter. See Work Order SA-3874 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Kevin Shindel  AP3680541
Southern Airways Express

10/25/2024 N950PA S/N: PCE-PC0940 Hobbs: 1432.2 ACTT: 21443.8 TT: 13183.3 TSO: 5179.7
TC: 14421 CSO: 4682

This date completed a MORE 300 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. Removed and Replaced Engine Fuel Nozzles All Operational Checks Good. Reference Heritage Turbines Work Order 24-2526. Inspected Set of Nozzles Installed. TSO:(585.2) Cleaned P3 Filter. C/W P3 Filter and Drain valve Inspection. C/W FCU Manual Override Static Check. See Work Order SA-3962 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Rich Hanzel  AP3441187
Southern Airways Express

11/11/2024 N950PA S/N: PCE-PC0940 Hobbs: 1545.9 ACTT: 21557.5 TT: 13297.0
TSO: 5293.4 TC: 14535 CSO: 4796

This date completed a MORE 150 Hour Inspection IAW the MORE STC ICA. C/W P&WC Engine Minor Inspection C/W Ignition System Inspection. C/W AD 2014-17-08R1. By Borescope Inspection. No defects were found. Next due at Hobbs: 2045.9. Removed and Replaced P3 Filter. All Operational Checks Good. Reference Heritage Turbines Work Order 23-0138. Overhauled Filter Installed. TSO: (0.0). C/W P3 Filter and Drain valve Inspection. Removed and Replaced Propeller Overspeed Governor. All Operational Checks Good. Reference IGS Work Order 2469101. Overhauled Unit Installed. TSO: (0.0). C/W FCU Manual Override Static Check. See Work Order SA-3992 for further inspection details. I certify this engine has been inspected in accordance with the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.


Rich Hanzel  AP3441187
Southern Airways Express

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01/10/2025 N950PA Hobbs: 1653.6 ACTT: 21665.2
 PT6A-114A S/N: PCE-PC0940 TT: 13404.7 TSO: 5401.1 TC: 14652 CSO:4913

This date completed a MORE 300/450 and a P&WC Engine Minor Inspection. C/W a 150 hr Special Inspection. C/W Ignition System Inspection. Leak checked and flow checked Fuel Nozzles installed, TSO: 834.1. Leak check good. C/W AGB Scavenge Screen Inspection. C/W FCU Manual Override Static Check. C/W P3 Filter Drain Valve Inspection. Replaced Oil Filter with new. Replaced P3 Filter with overhauled Filter, TSO: 0.0. See Work Order SA-4102 for further inspection details. I certify this engine has been inspected in accordance with the MORE STC and the Southern Airways Express C-208 AAIP and determined to be in an airworthy condition.

Tom Leverich  AP3328084
 Southern Airways Express


02/27/2025 N950PA Hobbs: 1664.9 ACTT: 21676.5
 PT6A-114A S/N: PCE-PC0940 TT: 13416.0 TSO: 5412.4 TC: 14665 CSO: 4926

This date completed an Annual Inspection. Removed Propeller SN: 95248 and installed Propeller SN: 240954. TSN: 0.0. Ops check and leak check good. See Southern Airways Work Order SA-4291 for further inspection details. I certify that this engine has been inspected in accordance with an Annual inspection per FAR Part 43 Appendix D and determined to be in an airworthy condition.

Tom Leverich  AP3328084IA
 Southern Airways Express

02/28/2025 N950PA Hobbs: 1664.9 ACTT: 21676.5
 PT6A-114A S/N: PCE-PC0940 TT: 13416.0 TSO: 5412.4 TC: 14665 CSO: 4926

This engine and its accessories are no longer maintained and operated under the Southern Airways Express C208 AAIP.

Nevin Spade, Manager of Quality  AP3860187
 Southern Airways Express