

# ENGINE SERVICE AND

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

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>W1340</b>	
4. Organization Name and Address: <b>Consolidated Turbine Specialists LLC 304 Old Trail Road Bristow, OK 74010</b>				Repair Station Number: <b>6CUR212C</b>		5. Work Order/Contract/Invoice Number: <b>W1340</b>
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	PT6T-3D (Power Section)	3122952-01	1	CP-PS TH0542	Repaired	
12. Remarks:						
Repaired and Tested IAW P&W O/H Manual P/N 3040593 Revision 24. All Periodic Inspections were C/W IAW P&W Maintenance Manual P/N 3040592 Revision 30. No FAA or Canadian AD's are applicable. Fuel Nozzles (Exchanged) were Cleaned and Flowed IAW P&W Maintenance Manual P/N 3040592 Revision 30. This Engine has been purged, preserved and prepared for storage IAW P&W O/H Manual 3040593 Revision 24. PS TSN: 6,827.8 PS TSO: 2,789.7						
13a. Certifies the items identified above were manufactured in conformity to:				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
<input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				Certifies 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.		
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
					6CUR212C	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
			Trenton Whitehouse		27/Apr/2016	
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/artic. 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 aircraft 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 the national regulations by the user/installer before the aircraft may be flown.						
FAA Form 8130-3 (02-14)				NSN: 0052-00-012-9005		

CARRIED FORWARD						
TOTAL THIS PAGE						
TOTAL FROM PREVIOUS SUMMARY						
TOTAL SINCE MFG.						

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

**Consolidated Turbine Specialists LLC**

P.O. Box 596  
Bristow, OK 74010  
Phone: 918-367-9665



**FAA Repair Station # 6CUR212C**

Model:  S/N:  Work Order:  Cond.:

Power Section Total Time:	6,827.8	Power Section Time Since Overhaul:	2,789.7
Gas Generator Time Since New:	N/A	Gas Generator Time Since Overhaul:	N/A
Power Section Total Cycles:	N/A	Power Section Cycles Since Overhaul:	N/A
Gas Generator Total Cycles:	N/A	Gas Generator Cycles Since Overhaul:	N/A
Time Since Last H.S.I.	Not Provided	Time Since Last Repair:	0.0

**Maintenance Release**

Work Accomplished: Repaired and Tested IAW P&W O/H Manual P/N 3040593 Revision 24.  
All Periodic Inspections were C/W IAW P&W Maintenance Manual P/N 3040592 Revision 30.  
No FAA or Canadian AD's are applicable  
Fuel Nozzles (Exchanged) were Cleaned and Flowed IAW P&W Maintenance Manual P/N 3040592 Revision 30.  
This Engine has been purged, preserved and prepared for storage IAW P&W O/H Manual 3040593 Revision 24.

This Unit listed above has been Overhauled/Inspected /Repaired/Tested in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under the work order number list above.

**Corrected Engine Performance**

	SHP	NG	TS	SFC
Rating Take Off:	970	37950	1880	0.550
Test Cell Requirement:	N/A	N/A	N/A	N/A
Cor. Eng. Take Off Performance Repair Limit:	970	38749	1925	0.6174
Cor. Eng. Take Off Performance Overhaul Limit:	970	38500	1900	0.605
Cor. Eng. Test Cell Requirement Repair Limits:	N/A	N/A	N/A	N/A
Cor. Eng. Test Cell Requirement Overhaul Limits:	N/A	N/A	N/A	N/A

Trim Degrees F:  Trim Degrees C:  Trim Box P/N:  S/N:

Bleed Valve P/N:  S/N:  B/V Class:

Inspector:  Signature: Date:

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.



# MAINTENANCE RECORD

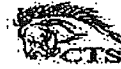
REPAIRS, ADJUSTMENTS, MODIFICATIONS  
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE  
NUMBER

**Consolidated Turbine Specialists LLC**

P.O. Box 596  
Bristow, OK 7401  
Phone: 918-367-9665



**FAA Repair Station # 6CUR212C**

Model:  S/N:  Work Order:  Cond.:

Log Book Accessories

Nomenclature	P/N	S/N	YSN	TSO
Fuel Pump		Ship Short		
Flow Divider	3120483-01	1027	UNK	2,789.7
Fuel Oil Heater	3049386-02	WA15671	UNK	UNK
Fuel Nozzle Set	Various Cleaned and Flowed IAW Maintenance Manual			
P3 Filter	WF336238	N/A	0.0	N/A
Fuel Pump Filter	WF336680	N/A	0.0	N/A
Manual Fuel Control (PT6T Only)	Ship Short			
Automatic Fuel Control (PT6T Only)	Ship Short			
Calendar Life Expired on AFCU	Ship Short			
Bleed Valve	3049038-03	S611	UNK	3,021.3

Inspector:  Signature: Date:

**Consolidated Turbine Specialists LLC**

P.O. Box 596  
Bristow, OK 74010  
Phone: 918-367-9665



**FAA Repair Station # 6CUR212C**

Model:  S/N:  Work Order:  Cond.:

Log Book Cycle Life Limited Components

Nomenclature	P/N	S/N	Total Hours	Hour Limit	Hours Remain	Total Cycles	Cycle Limit	Cycle Remain
Rear Hub	3041255	A001AAP9	N/A	N/A	N/A	22,806	35,000	12,194
2 <sup>nd</sup> Stage Comp. Disk	3040312	A001BDF8	N/A	N/A	N/A	22,806	29,000	6,194
3 <sup>rd</sup> Stage Comp. Disk	3040213	A001ARRF	N/A	N/A	N/A	22,806	29,000	6,194
Impeller	3027798	8H993	N/A	N/A	N/A	22,806	29,000	6,194
CT Disk	3041241	A00206RR	N/A	N/A	N/A	6,443	7,200	757
PT Disk	3045622	A001B1TH	N/A	N/A	N/A	10,557	15,000	4,443
CT Blades	3043951-02	NSN	6,827.8	10,000	3,172.2	N/A	N/A	N/A

Inspector:  Signature: Date:

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.