

1. Approving Civil Aviation Authority/Country:
 FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

W1344

4. Organization Name and Address:

Consolidated Turbine Specialists LLC
 304 Old Trail Road
 Bristol, OK 74010

Repair Station Number: 6CUR212C

5. Work Order/Contract/Invoice Number:

W1344

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	PT6T-3D (Combining Gearbox)	3117180-01	1	CP-GB TJ0262	Repaired

12. Remarks:

Repaired and Tested IAW P&W O/H Manual P/N 3040593 Revision 25.

No FAA or Canadian AD's are applicable.

Periodic Inspections C/W IAW P&W Maintenance Manual P/N 3040592 Revision 30.

This Combining Gearbox has been purged, preserved and prepared for storage IAW P&W O/H Manual 3040593 Revision 25.

TSN: 7,127.4 TSO: 3,416.0

Certifies that the work specified in block 11/12 was carried out in accordance with EASA-145 and in respect to that work the item is considered ready for release to service under EASA Acceptance Certificate Number: EASA 145.6564

13a. 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 12.

14a. 14 CFR 43.9 Return to Service

Other regulation 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.:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

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 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.

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.:

Gearbox Total Time: Gearbox Time Since Overhaul:

Maintenance Release

Work Accomplished: Repaired and Tested IAW P&W O/H Manual P/N 3040593 Revision 25.

No FAA or Canadian AD's are applicable.

Periodic Inspections C/W IAW P&W Maintenance Manual P/N 3040592 Revision 30.

This Combining Gearbox has been purged, preserved and prepared for storage IAW P&W O/H Manual 3040593 Revision 25.

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.

Test Performance Results

Torque Transducer Settings			
L.H. Valves Addit.	NIL	R.H. Valves Addit.	NIL
Bell ALPHA	86.1DEG	Bell ALPHA	85.6 DEG
Valves on Transmitter	All OFF	Valves on Transmitter	All OFF

Torquemeter Index			
Index	7.0	Index	7.7
Zero Increment Adj.	POS 0.2 DEG	Zero Increment Adj.	POS 0.3 DEG
Span Ratio	NEG 1.9 DEG	Span Ratio	NEG 3.2 DEG
Sikorsky Indexed 70%	69.4%	Sikorsky Indexed 70%	69%
Sikorsky Indexed 80%	79.5%	Sikorsky Indexed 80%	79.2%

A. D's C/W and/or Verified: No AD's applicable

S.B.'s C/W and/or Verified: No S/B's were C/W at this event

Accessories Installed This Visit				
Nomenclature	P/N	S/N	TSO	Remarks
Torque Control Unit	3244881-2	C-42518	1,347.1	
LH Governor	3244885-3	C-45848	918.9	
RH Governor	3244885-3	D-46092	TSN=56.5	
3 Ea. Oil Filters	3034568WFC	N/A	TSN: 0.0	

Inspector: Signature: Date: