1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/UNITED STATES	**AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	**37983**

4. Organization Name and Address:	5. Work Order/Contract/Invoice Number:
TURBINE CONTROLS, INC. 5 OLD WINDSOR ROAD BLOOMFIELD CT USA FAA REPAIR STATION NO. SM5R202N	Work Order 184946 / / Cust PO: R3372

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	FAN SHAFT	335-006-414-0	N/A	1	DD086080	OVERHAULED

13. Remarks:

1. THE ABOVE UNIT WAS OVERHAULED IAW CFM56-3, ENGINE MANUAL CFMI-TP.SM.5, REVISION 69, DATED 12/15/2011, ATA 72-22-01. CLEANING -001. INSPECTION -001. REPAIRS -001, -002, -004. COMPLIED WITH MAGNETIC PARTICLE INSPECTION (MPI) PER AD 2002-13-03, AMENDMENT: 39-12790, DATED 08/01/2002. S/B 72-0497, REVISION 5, DATED 08/08/2011 N/A PER S/N. S/B 72-0823, REVISION 0, DATED 07/12/1996 N/A PER S/N. TSN: 11127 CSN: 8571 CYCLES REMAINING: 21429 REMOVED FROM ESN: 856266

Turbine Controls, Inc. certifies that the work specified in Blocks 12 and 13 was performed in accordance with EASA Implementation Rule part 145 approval, and with respect to that work, the aircraft component is considered ready for release to service under EASA approval number EASA. 145.4954

14. Certifies the items identified above were manufactured in conformity to:	19. [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13	
☐ Approved design data and are in condition for safe operation. ☐ Non-approved design data 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.:** SM5R202N
17. Name (Typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):** KENNETH STANAT **23. Date (m/d/y):** Sep 18 2012

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 preforms 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.

1 国家 Country	2 中国民用航空总局 CAAC ☐ 符合性 Conformity ☒ 适航性 Airworthiness 批准放行证书 / 适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG	3 证书编号 Certificate Ref. No.
CHINA		TCCA- 4183

4 单位 Organization	5 工作单 / 合同单 / 货单 Work Order/Contract/Invoice
Turbine Controls, Inc. **5 Old Windsor Road** **Bloomfield, CT 06002**	184946 / R3372

6 序号 Item	7 内容 Description	8 件号 Part No.	9 适用性 Eligibility	10 数量 Qty	11 系列号 / 批号 Serial/Batch No.	12 产品状态 Status/Work
1	FAN SHAFT	335-006-414-0	CFM56-3	1	DD086080	OVERHAULED

13 备注 Remarks: THE ABOVE UNIT WAS OVERHAULED IAW CFM56-3, ENGINE MANUAL CFMI-TP.SM.5, REVISION 69, DATED 12/15/2011, ATA 72-22-01. CLEANING -001. INSPECTION -001. REPAIRS -001, -002, -004. COMPLIED WITH MAGNETIC PARTICLE INSPECTION (MPI) PER CAD2002-MULT-51, AMENDMENT: 39-3845, DATED 11/21/2002. S/B 72-0497, REVISION 5, DATED 08/08/2011 N/A PER S/N. S/B 72-0823, REVISION 0, DATED 07/12/1996 N/A PER S/N.
TSN: 11127 CSN: 8571 CYCLES REMAINING: 21429 REMOVED FROM ESN: 856266

14 新产品 New Parts
~~兹声明上述产品除第 13 项的其它规定以外，已按照上述国家适航条例进行制造 / 检查，并且该产品（出口产品）符合经批准的型号设计资料和进口国提出的专用要求。~~

~~Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the airworthiness regulations of the stated country and/or in the case of parts to be exported with the approved design data and with the notified special requirements of the importing country.~~

15 使用过的产品 Used Parts
☒ 兹声明上述产品除第 13 项的其它规定以外，已按照上述国家适航条例和进国通知的特殊要求进行了工作，该产品处于安全可用状态可以批准放行使用。

Certifies that the work specified above except as specified in block 13 was carried out in accordance with the airworthiness regulations of the stated country and the notified special requirements of the importing country and in respect to that work, the part(s) is (are) in condition for safe operation and considered ready for release to service. (over)

16 批准人签名
Signature:

18 批准日期
Date: SEP. 18, 2012

19 中国民航总局授权
Issued by or on behalf of the CAAC

F00100038

17 批准人姓名（打印的）
Name (Printed): KENNETH STANAT

AAC-038 (12/94)

*参阅产品目录详细查找适用性
Cross-check eligibility for more details with parts catalogue

Turbine Controls, Inc.
Record of Inspection/Measurement

Part Number: 335-006-414-0	**TCI Job Number:** 184946	
Serial Number: DD086080	**Date:** 09/18/2012	**Customer P.O. Number:** R3372
Engine Manual: CFMI-TP.SM.5		**ATA:** 72-22-01
Technical Data: Inspection 001		

Inspection Characteristics	Dimensions to Check	Dimensions Actual	Accept/Reject
Index A - Diameter "A"	7.7153 – 7.7177	7.7176	Accept
Index B - Diameter "C"	9.3701 – 9.3725	9.3711	Accept
Index C - Diameter "D"	9.3288– 9.3307	9.3291	Accept
Index D - Diameter "E"	3.4646 – 3.4663	3.4654	Accept
Index E - Diameter "F"	4.2323 – 4.2337	4.2333	Accept
Index F - Diameter "U"	4.9224 – 4.9231	4.9227	Accept
Index G - Diameter "Y"	6.3003 – 6.3010	6.3007	Accept
Index H - Diameter "Z"	6.3396 – 6.3403	6.3397	Accept
Index I - Dimension "L" *	0.0965 – 0.1220	N/A	N/A
Index J - Dimension "M" *	0.138 – 0.2028	N/A	N/A
Index K - Dimension "N" *	0.2756 – 0.3012	N/A	N/A
Index L - Dimension "N"	0.2756 – 0.3268	N/A	N/A
Index M – Thread "P" *	Pitch – 4.5952 – 4.6073	N/A	N/A
	Outer Dia. 4.6241 – 4.6378	N/A	N/A
	Inner Dia. 4.5569 – 4.5732	N/A	N/A
Index N - Dimension "AX" *	0.425 – 0.441	N/A	N/A
Index O - Diameter "H"	4.6346 Min.	4.6453	Accept
Index P - Dimension "S" (for configuration 2)	0.551 Max.	0.536	Accept
Index Q – Radius "T"	0.146 Max.	0.130	Accept

Note: Items preceded by an asterisk (*) are to be inspected only if visual inspection or other conditions indicate a requirement.

Inspector/Repairman:
KENNETH STANAT

Date: 09/18/2012