1. Approving Civil Aviation Authority/Country: FAA/United States	AUTHORIZED	JTHORIZED RELEASE CERTIFICA	TE	3. Form Tracking Number: 296661
4. Organization Name and Address: TWIN MANUFACTURING CO	t. Organization Name and Address: TWIN MANUFACTURING COMPANY, 273 CHAPEL ROAD, SOUTH WINDSOR, CT 06074 USA, PHONE: (860) 289-6041	TH WINDSOR CT 06074 US	VP5R283N	5. Work Order/Contract/Invoice Number: ERO17405
6. Item: 7. Description:	8. Part Number:	9. Quantity:		11. Status/Work:
1 FAN SHAFT ASSEMBLY				OVERHAULED
12. Remarks: WORK HAS BEEN ACCOMPLIS REPAIR-001, REPAIR-017, STO	12. Remarks: WORK HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH CFM56-7B EM P/N CFMI-TP.SM.10, REV. 63, REV. DATE REPAIR-001, REPAIR-017, STORAGE-001, SB 72-0287 REV.9 DATED 05/06/2020, AD 2002-13-03, CFMI-TP.SP.2 REV.9	B EM P/N CFMI-TP.SM.10, REV)5/06/2020, AD 2002-13-03, CFN	12. Remarks: WORK HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH CFM56-7B EM P/N CFMI-TP.SM.10, REV. 63, REV. DATE 15/JUN/2022, SECTION 72-22-01: CLEANING-001, INSPECT-001, REPAIR-001, REPAIR-017, STORAGE-001, SB 72-0287 REV.9 DATED 05/06/2020, AD 2002-13-03, CFMI-TP.SP.2 REV.97 DATED 01/30/2022: BLEND PER SPM 70-41-11-350-009.	ANING-001, INSPECT-001, M 70-41-11-350-009.
MANUFACTURER: CFMI				
TSN: 11127 CSN: 8571				
ESN 856266				
Certines that the work specified in block 11/12 was carried out in Part 145 approval no. EASA.145.4962. 3a. Certifies the items identified above were manufactured in conformity to: Approved design data and are in a condition for safe opera Non-approved design data specified in Block 12.	Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work Part 145 approval no. EASA.145.4962. 3a. 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.	ce with EASA Part 145 and in response of the common series of the common	the product/article is sturn to Service	considered ready for release to service under EASA Other regulation specified in Block 12 k 12, the work identified in Block 11 and described in Block 12 Code of Federal Regulations, part 43 and in respect to that ce.
3b. Authorized Signature:	13с. Аррг	13c. Approval/Authorization No.: 14b. A	14b. Authorized Signature:	14c. Approval/Certificate No.: VP5R283N
3d. Name (Typed or Printed):	13e. Date	13e. Date (dd/mmm/yyyy): 14d. N	14d. Name (Typed'or Printed):// JOSEPH FRAIETTA	14e. Date (dd/mmm/yyyy): 10/NOV/2022
It is important to understand that the ex	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.	User/Installer Responsibilities titically constitute authority to install the aircraft engine/pro	onsibilities e aircraft engine/propeller/article.	
Where the user/installer performs work nis/her airworthiness authority accepts	in accordance with the national regulations of a aircraft engine(s)/propeller(s)/article(s) from the	n airworthiness authority different thar airworthiness authority of the country.	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 nis/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in block 1.	essential that the user/installer ensures that
Statements in block 13a and 14a do no he aircraft may be flown.	Statements in block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation the aircraft may be flown.	aircraft maintenance records must co	ontain an installation certification issued in accordance with the national regulations by the user/installer before	onal regulations by the user/installer before

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

ogue	*参阅产品目录详细查找适用性 Cross-check eligibility for more details with parts catalogue	*参阅产品目录详细查找适用性 Cross-check eligibility for mo	*参阅? Cross			/94)	AAC-038(12/94)
						JOSEPH FRAIETTA	
	KETAIK GIAIION#F00100393	ZETAIZ			Name (Printed)	(如何生) 发生	17 排准人姓女
alf of the CAAC	[总局授权 Issued by or on behalf of the CAAC	19. 中国民航总局授权	批准日期 Date 11/10/2022	18. 批准日期 11/10/202	0	名 Signature	16. 批准人签名
已按照上述国家适航条例和进口国通知的可以批准放行使用。 as specified in block 13 was carried out in of the stated country ant the notified and in respect to that work, the part(s) is lered ready for release to service (over)	Used Parts 操第 13 项的其它规定以外, 以除第 13 项的其它规定以外, 以产品处于安全可用状态F ork specified above except ork specified above except ork specified above except ork specified above except of the importing country or safe operation and consider		14. 對片本品 New Parts 裁声明上途产品除某13項的其它规定以外,已按照上途間事理數条例进行制造/检查。 并且设产品(出口产品)特有整性海损型导致计算等和进口固提出约令用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the ajiworthiness 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.	14. 對作品 New Parts 教育與上途产品的第13項的其它類定即外,已接廣上結開事理數条例達行制造/检查, 并且被产品(出口产品)特有整常推模型导致计算制定由回提出的专用要求。 Certifies that the Part(s) identified above except as otherwise specified in block 13 was(were) manufactured/inspected in accordance with the ajinworthiness regulations 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.	新作品 New Parts 被产品(出口产品)特合定批准的基础分析 域产品(出口产品)特合定批准的基础分析计 lifes that the Part(s) identified above except (were) manufactured/inspected in accordated country and/or in the case of parts to and with the notified special requirements	New Parts 上海 第 131 出口产品) 符合 the Part(s) ider anufactured/in: anufactured/in: anufy and/or in to the notified sp	14. 新作品 #声明上 #且初作品(Certifies that was(were) m the stated countries that was was were was were with
_269							ESN 856266
						CSN: 8571	TSN: 11127 C
						RER: CFMI	MANUFACTURER: CFMI
I: CLEANING-001, INSPECT-001, R SPM 70-41-11-350-009.	13. 备注 Remarks WORK HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH CFM56-7B EM P/N CFMI-TP.SM.10, REV. 63, REV. DATE 15/JUN/2022, SECTION 72-22-01: CLEANING-001, INSPECT-001, WORK HAS BEEN ACCOMPLISHED IN ACCORDANCE WITH CFM56-7B EM P/N CFMI-TP.SM.10, REV. 63, REV. DATE 15/JUN/2022, SECTION 72-22-01: CLEANING-001, INSPECT-001, REPAIR-017, STORAGE-001, SB 72-0287 REV.9 DATED 05/06/2020, AD 2002-13-03, CFMI-TP.SP.2 REV.97 DATED 01/30/2022: BLEND PER SPM 70-41-11-350-009.	10, REV. 63, REV. 03, CFMI-TP.SP.:	EM P/N CFMI-TP.SM. /06/2020, AD 2002-13-	NCE WITH CFM56-7B)287 REV.9 DATED 05	ISHED IN ACCORDA ORAGE-001, SB 72-0	Remarks as been ACCOMPLI 001, REPAIR-017, ST	13. 各注 Re WORK HAS B REPAIR-001, I
							J
OVERHAULED	1 DD086080		CFM56	335-006-414-0	SSEMBLY	FAN SHAFT ASSEMBLY	1
12. 产品状态 Status/Work	10.数量 11.系列号/批号 Qty. Serial/Batch No.		9. 适用性 Eligibility	8. 件号 Part Number		7. 内容 Description	6. 序号 Item
5. 工作单/合同单/货单 Work Order/Contract/Invoice ERO17405	单位 Organization TWIN MANUFACTURING COMPANY, 273 CHAPEL ROAD, SOUTH WINDSOR, CT 06074 USA PHONE: (860) 289-6041	06074 USA PH	JTH WINDSOR, CT	CHAPEL ROAD, SO	COMPANY, 273 C	Organization MANUFACTURING	4. 单位 Org TWIN MAN
296661	NESS APPROVAL TAG	礼批准标签 VIRWORTHII	批准放行证书/适航批准标签 AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS	批准 IZED RELEASE	AUTHOR	CAAC / PEOPLES REPUBLIC OF CHINA	CAAC / PEOPLES REPUBLIC OF CH
3. 证书编号 Certificate Ref. No.	☑ 适航性 Airworthiness	nformity	□ 符合性 Conformity	总局 CAAC	2. 中国民用航空总局 CAAC	Country	1. 国家 Col

AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG USER/INSTALLER RESPONSIBILITIES 批准放行证书/适航批准标签 使用者/安装者职责

- (1) 必须明确:本文件并不批准零件/组件/部件可以装到有关产品上。
- (2)当使用者/安装者使用的是所在国适航当局的条例,而不是本表第1项中所指国家适航当局的条例时,使用者/安装者必须保证所在 国的适航当局能接受所指国家适航当局批准出口的零件/组件/部件。
- (3)表中第14项、第15项的陈述,并不说明本表是安装批准。在所有情况下,航空器使用前,航空器使用者/安装者应把按本国适航 条例颁发的安装批准放入维修记录中。
- (1) It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.
- (2) Where the user/installer works in accordance with the national regulations of an Airworthiness Authority different than the Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1 Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensure that his/her Airworthiness
- (3) Statements 14 and 15 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown



Record of Measurement Report

Form # TMC-571a Rev: Initial Issue

The Leaders in Turbine Component Repair!

Phone: +1 860 289 6041 Fax: +1 860 289 0561

273 Chapel Road, South Windsor, Connecticut 06074 USA

FAA Repair Station VP5R283N, EASA Repair Station 145.4962, CAAC Repair Station F00100393, ISO/AS Certified, Nadcap

Part Number: 335-006-414-0 Part Name: FAN SHAFT ASSEMBLY Page 1 of 1

TWIN MRO Job Number: 296661 Purchase Order Number: ERO17405/1 Part Quantity: 1

Primary Manual: CFMI-TP.SM.10 Rev.: 63 Rev. Date: 06/15/2022 Section: 72-22-01

Engine S/N: 856266 Order #: N/A

Serial Number(s): DD086080

Characteristic	Requirement	Reading	Result	
Diameter 'A'	7.7153 - 7.7177	7.7177	Accept	
Diameter 'C'	9.3701 - 9.3725	9.3707	Accept	
D <mark>i</mark> ameter 'D'	9.3275 - 9.3307	9.3297	Accept	
Diameter 'E'	3.4646 - 3.4663	3.4652	Accept	
Diameter 'F'	4.2323 - 4.2337	4.2332	Accept	
Diameter 'H'	4.64480 - 4.64567	4.64540	Accept	
)i <mark>a</mark> meter 'U'	4.9224 - 4.9231	4.9231	Accept	
Diameter -Y-	6.3003 - 6.3010	6.3009	Accept	
D <mark>i</mark> ameter 'Z'	6.3396 - 6.3403	6.3400	Accept	

Prepared By: Sara Huffman Prepared On: 11/10/2022