

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

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

3. Form Tracking Number:
4154546

4. Organization Name and Address:

GKN Aerospace Chem-tronics, Inc., 1150 West Bradley Avenue, El Cajon, CA. 92020, USA
FAA Repair Station C13R424L

5. Work Order/Contract/Invoice Number

R407180

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	BLADE	338-002-114-0	1	HD252861	OVERHAULED

12. Remarks: Mfg spec: CFM1-TP, SM. 9 Rev: 79 Date: Apr 15, 2023 Sec: 72-21-01

REMOVED FROM ESN: 729932

MFR: 168219
TSN: 3008.23
CSN: 2848

AD2010-0212	COMPLIES WITH SB 72-0777 AD DATE: NOV. 1, 2010	REPAIR 006	RECONDITIONING OF MIDSPAN SHROUD FACES BY WELD BUILDUP
AD2012-02-03	COMPLIES WITH SB 72-0777 AD DATE: MAR. 15, 2012	REPAIR 007	STRAIGHTENING OF AIRFOIL BY HOT CREEP FORMING
INSP. 001	FAN BLADE INSPECTION	REPAIR 012	RECONDITIONING OF THE LEADING EDGE PROFILE
INSP. 001 ECI	EDDY CURRENT INSPECTION OF ROOT DOVETAIL	REPAIR 018	REMOVAL OF EROSION IN MIDSPAN AIRFOIL
	SUBTASK 72-21-01-220-094		FILET RADIUS BY BLEND
REPAIR 001	BLEND REPAIR OF AIRFOIL	REPAIR 021	BLEND REPAIR IN THE CRITICAL AREA
REPAIR 002	RECONDITIONING OF CU-NI-IN THERMAL SPRAY COATING AND DRY FILM LUBRICANT VARNISH	SB 72-0777	FAN BLADE REPLACEMENT FOR MID-SPAN SHROUD
REPAIR 004	SHOT PEENING OF THE FAN ROTOR BLADE		NON-CONFORMING CONTOUR DATE: MAR. 22, 2013
REPAIR 005	RECONDITIONING OF HARDCOAT ON MIDSPAN SHROUD FACES	SB 72-1080	REV. 2
			FAN BLADE DOVETAIL EDDY CURRENT INSPECTION
			DATE: MAR. 06, 2019 REV. 0

Certifies that the work specified in block 11/12 was carried out in accordance with EASA Part-145 and with respect to that work the aircraft component is considered ready for release to service under EASA Part -145 Approval number: EASA.145.4314.

<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><input type="checkbox"/> Approved design data and are in a condition for safe operation.</p> <p><input type="checkbox"/> Non-approved design data specified in Block 12.</p>		<p>14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12</p> <p>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.</p>	
<p>13b. Authorized Signature:</p>	<p>13c. Approval/Authorization No.:</p>	<p>14b. Authorized Signature:</p>	<p>14c. Approval/Certificate No.:</p>
<p>13d. Name (Typed or Printed):</p>	<p>13e. Date (dd/mm/yyyy):</p>	<p>14d. Name (Typed or Printed):</p>	<p>14e. Date (dd/mm/yyyy):</p>
		SUSAN HOPE / XS050239	28/Nov/2023

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.

1 国家 country	<input type="checkbox"/> 符合性 Conformity		2 中国民用航空总局 CAAC	3 证书编号 Certificate Ref No.
CHINA	<input checked="" type="checkbox"/> 适航性 Airworthiness			4154546
AUTHORIZED RELEASE CERTIFICATE/AIRWORTHINESS APPROVAL TAG				

4 单位 Organization: GKN AEROSPACE, CHEM-TRONICS INC. 1150 W. BRADLEY AVE, EL CAJON, CA 92020	5 工作单/合同单/货单 Work Order/Contract/Invoice: R407180
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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.	BLADE	338-002-114-0	NOT KNOWN	1	HD252861	OVERHAULED

13 备注 REMARKS: Mfg spec: CEMT-TP.SM.9 Rev: 79 Date: Apr 15, 2023 Sec: 72-21-01

AD2010-0212 COMPLETES WITH SB 72-0777 AD DATE: NOV. 1, 2010 REPAIR 018 REMOVAL OF EROSION IN MIDSPAN AIRFOIL FILLET RADIUS
AD2012-02-03 COMPLETES WITH SB 72-0777 AD DATE: MAR. 15, 2012 REPAIR 021 BY BLEND
INSP. 001 FAN BLADE INSPECTION TSN: 3008:23
INSP. 001 EDDY CURRENT INSPECTION OF ROOT DOVETAIL SUBTASK SB 72-0777 FAN BLADE REPLACEMENT FOR MID-SPAN SHROUD NON-
72-21-01-220-094 CONFORMING CONTOUR DATE: MAR. 22, 2013 REV. 2
REPAIR 001 BLEND REPAIR OF AIRFOIL FAN BLADE DOVETAIL EDDY CURRENT INSPECTION DATE: MAR. 06, 2019 REV. 0
REPAIR 002 RECONDITIONING OF CU-NI-IN THERMAL SPRAY COATING
AND DRY FILM LUBRICANT VARNISH
REPAIR 004 SHOT PEENING OF THE FAN ROTOR BLADE
REPAIR 005 RECONDITIONING OF HARDCOAT ON MIDSPAN SHROUD FACES
REPAIR 006 RECONDITIONING OF MIDSPAN SHROUD FACES BY WELD BUILDUP
REPAIR 007 STRAIGHTENING OF AIRFOIL BY HOT CREEP FORMING
REPAIR 012 RECONDITIONING OF THE LEADING EDGE PROFILE

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)符合经批准型号设计资料 and 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.

16 批准人签名 Signature	18 批准日期 Date: Nov 28, 2023
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17 批准人姓名(打印的) Name(printed)	SUSAN HOPE / XS050239
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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口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 otherwise specified on 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 services

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

F00100151



**GKN Aerospace
Chem-tronics Inc.**

Aviation Repair Division 1150 W. Bradley Ave., El Cajon, Calif. 92020, USA

FAA Repair Station Number CI3R424L

Telephone (619) 448-2320 - Fax (619) 448-6992

MOMENT WEIGHT RECORD

CUSTOMER : AJ Walter Aviation				PART NO. CFM56-5			DATE : Nov 28, 2023
				P.O. Various			
NO.	SERIAL NO.	MOMENT WT.		NO.	SERIAL NO.	MOMENT WT.	
1	DB856041	165526		13			
1A	DB856515	165404		13A			
				14			
				14A			
	Unable to pair			15			
	HD252861	168219		15A			
	BB773519	157373		16			
				16A			
				17			
5A				17A			
6				18			
6A				18A			
7				19			
7A				19A			
8				20			
8A				20A			
9				21			
9A				21A			
10				22			
10A				22A			
11				23			
11A				23A			
12				24			
12A				24A			



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5A			17A		
6			18		
6A			18A		
7			19		
7A			19A		
8			20		
8A			20A		
9			21		
9A			21A		
10			22		
10A			22A		
11			23		
11A			23A		
12			24		
12A			24A		