



ENGINE SERIAL NUMBER RECORD

P/N: 79400-205

S/N: 361111

Inspector: _____

Date: MAR 04 2020

<u>P/N</u>	<u>S/N</u>	<u>DESCRIPTION</u>
54831	HCS-212698	SENSOR,N2 DUAL MAGNETIC SPEED
57847	GE-7454	INDICATOR,FUEL FILTER,ELECT
61027	20320	COVER, OIL TANK
61250	SBC-159C1	SEAL ASSY,RING SEAL
61250	SBC-161C3	SEAL ASSY,RING SEAL
65310	SBC-325C8	SEAL ASSY RING SEAL
69733	YYV284	PICKUP ASSY MAGNETIC-SPEED LP
71593	BG335	GEAR, BEVEL, DAMPED 1ST REDUCTION
77569	EMX000340	ITT PROBE,HARNESS ASSY
79368	JT-158798	BEARING, ASSY, ROLLER, OUTER GUIDED
79368	JT-158801	BEARING, ASSY, ROLLER, OUTER GUIDED
79369	JT-157819	BEARING, BALL, DEEP GROOVE
79370	JT-148528	BEARING, ROLLER, CYL - OD FLANGE
79387	MFI47316	HOUSING ASSY, #1 BEARING
79408	HW58162	ROTOR, FAN
79538	HW57629	DISK, LP TURBINE ROTOR, STAGE 1
79582	20201	HOUSING, CARBON RING SEAL & BRG RET
79857	SBC-554F0	RUNNER, SEAL, LP SHAFT, FRONT
110930	BCC-00009594	NOZZLE ASSY, FUEL, FJ33
111127	HW57686	DISK, H.P. TURBINE
113472	JT-149967	BEARING, BALL SPLIT INNER RING
113653	SBC-089C9	SEAL ASSY, FACE, CARBON
113762	AXT0102727	PT2 PRESSURE SENSOR DUAL
114944	AXT0203376	TT2 DUAL TEMP SENSOR W/ PRESS PORT



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114944	AXT0203381	TT2 DUAL TEMP SENSOR W/ PRESS PORT
114947	20235	COVER ASSY, HP COMPRESSOR
115015	KM-1389	INDICATOR,LATCHING,DEL P,OIL FILTER
115470	20242	SEAL & FUEL SLINGER ASSY
118925	RX19RY0331	SHAFT, HIGH PRESSURE
119349	20291	VANE ASSEMBLY IP COMPRESSOR STAGE 1 AND
121281	RX19TX0233	SHAFT ASSY, COMPLETE, L.P.
121373	20373	FUEL MANIFOLD ASSEMBLY
121535	PP3217	COOLER, LUBE OIL
123323	JT-153881	BEARING, ROLLER, INNER GUIDED
123442	20345	SUPPORT,BRG,1ST RDCN BVL GEAR
123443	SBC-271C1	RUNNER, HP SHAFT SEAL, FRONT
123459	50129	HOUSING ASSY, NOZZLE/HEATSHIELD, 1ST LPT
123492	ABK275	TOWERSHAFT, ACCESSORY DRIVE
123899	50151	CASE ASSEMBLY DIFFUSER
124611	20247	BEARING AND PINION ASSEMBLY
125558	HW57439	DISK, ROTOR, 2ND LPT
125572	HW57686	ROTOR ASSY, HP TURBINE
125575	30218	HOUSING ASSY, INTERSTAGE
126038	ABK181	NUT,RETAINER,AXIAL CPRSR
126113	50157	COMBUSTOR ASSY
126140	20235	LP TURBINE MODULE ASSEMBLY
126621	CK-1901514	EXCITER,IGNITION
126621	CK-1901996	EXCITER,IGNITION



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206908	CK-1905221	PLUG, IGNITER (IGNITOR)
206908	CK-1905237	PLUG, IGNITER (IGNITOR)
208048	HW57405	ROTOR ASSY. IP CPRSR BALANCED
208049	HW54576	ROTOR, H.P. COMPRESSOR
210458	50185	PUMP ASSY, LUBE AND SCAVENGE
211076	50154	SEAL ASSY, REAR, FUEL SLINGER
212037	60138	FUEL CONTROL UNIT
219782	WS00019	HARNESS ASSEMBLY, ENGINE, DUAL CHANNEL F
220593	50089	GEARBOX ASSY, ACCESSORY DRIVE
221385	50099	VANE, STATOR, IPC STAGE III
221858	MFI48873	CASE AND INSERT ASSEMBLY



ENGINE MODEL NUMBER	FJ33-5A	ENGINE SERIAL NUMBER	361111
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[illegible]



FJ Component Life Limited Card

THIS LOG MUST REMAIN WITH THE ENGINE LOGBOOK IN WHICH THE COMPONENT IS INSTALLED
REFER TO CHAPTER 5 OF THE APPROPRIATE MAINTENANCE MANUAL FOR COMPONENT LIFE LIMITS

PN: 79408 S/N: HW58162

ROTOR, FAN

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0	NA				0	NA			
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6114 JUL 2018



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PN: 208048 S/N: HW57405

ROTOR ASSY. IP CPRSR BALANCED

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0	NA				0	NA			
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PN: 208049 S/N: HW54576

ROTOR, H.P. COMPRESSOR

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0	NA				0	NA			
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PN: 79538 S/N: HW57629

DISK, LP TURBINE ROTOR, STAGE 1

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0	NA				0	NA			
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FJ Component Life Limited Card

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PN: 125558 S/N: HW57439

DISK, ROTOR, 2ND LPT

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0		NA			0		NA		
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FJ Component Life Limited Card

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PN: 111127 S/N: HW57686

DISK, H.P. TURBINE

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS					CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS AT INSTALL	PART HOURS AT REMOVAL		ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES AT INSTALL	PART CYCLES AT REMOVAL	
	X	361111		0	NA				0	NA			
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	X				NA					NA			



Williams
INTERNATIONAL

SERVICE RECORD

ENGINE MODEL NUMBER: FJ33-5A

ENGINE SERIAL NUMBER: 361111

A/C SERIAL NUMBER	A/C UNIT NUMBER	A/C REGISTRATION NUMBER	DATE	CITY IDENTIFIER	TOTAL A/C HOURS	TOTAL A/C CYCLES	TOTAL A/C LANDINGS	TOTAL ENGINE HOURS	TOTAL ENGINE CYCLES

ITEM NUMBER	ITEM NAME / MAINTENANCE ACTION	INSTALLED P/N	INSTALLED SN	HOURS SINCE NEW	CYCLES SINCE NEW	HOURS SINCE OVERHAUL	CYCLES SINCE OVERHAUL
1							
2							
3							
4							
5							
6							
7							

ITEM NUMBER	GENERAL COMMENTS (I.E. REMOVE PART NUMBER, REMOVE SERIAL NUMBERS, SERVICE BULLETIN NUMBERS, REASON FOR REMOVAL)

REPAIR FACILITY _____
WORK PERFORMED BY _____

CERTIFICATE NUMBER _____
CERTIFICATE NUMBER _____

WORKORDER _____
DATE _____

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the:

- ☐ FEDERAL AVIATION ADMINISTRATION
☐ MINISTRY OF TRANSPORT
☐ OTHER (SPECIFY)

and the engine identified above is presently airworthy and approved for return to service.

PAGE _____



04/09/2021
[REDACTED]
GAINESVILLE, FL 32609

N:1GG	
MAKE: WILLIAMS	
MODEL: FJ33-5A	
S/N: 361111	EFT: NA
FLIGHT: 206.6	ERT: NA
HOBBS: 261.7	CYCLES: 290.5

1. Performed FADEC download sent to [REDACTED]
2. CW 100hr inspection of engine IAW SF50 AMM 5-20
3. Complied with water rinse IAW Williams LMM 71-00-03-170-801
4. CW SB5X-77-02 PT2 drain hole by installing PN 28694-002 tube.

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen [REDACTED]



05/25/2021
[REDACTED]
GAINESVILLE, FL 32609

N:1GG	
MAKE: WILLIAMS	
MODEL: FJ33-5A	
S/N: 361111	EFT: 235.3
FLIGHT: 233.3	ERT: 292.9
HOBBS: 293.2	CYCLES: 322.0

1. Performed FADEC download sent to [REDACTED]
2. Performed Williams Check II using Tap kit PN 126280-B, replaced both ignitors, engine start nozzle, fuel and oil filters. IAW Williams LMM 05-20-00-210-816
3. Performed water rinse IAW Williams LMM 71-00-03-170-801
4. Performed 100hr inspection IAW SF50 AMM 5-20

I certify this Engine has been inspected in accordance with an Annual inspection in observance of 14 CFR Part 43, Appendix D using the manufacturer's checklist and current Federal Air Regulations as guidelines. This Engine was found to be in an airworthy condition and is approved for return to service.

Ian Thiessen [REDACTED]



07/14/2021
[REDACTED]
GAINESVILLE, FL 32609

N:1GG	
MAKE: WILLIAMS	
MODEL: FJ33-5A	
S/N: 361111	EFT: 251.9
FLIGHT: 249.7	ERT: 314.3
HOBBS: 314.8	CYCLES: 352.0

1. Performed FADEC download sent to [REDACTED]
2. Inspected and cleaned chip detector and oil debris sensor, found very small fines on tank sensor, IAW Williams LMM 79-30-01-220-801, 79-30-02-220-801

I certify the maintenance and/or alteration described above was accomplished in accordance with the requirements of 14 CFR Part 43, and with respect to the work performed is airworthy and approved for return to service.

Ian A. Thiessen [REDACTED]



CERTIFICATE OF CONFORMANCE

WILLIAMS INTERNATIONAL HEREBY CERTIFIES THAT ALL ARTICLES WITHIN THIS SHIPMENT CONFORM IN ALL ASPECTS TO THE PURCHASE ORDER, DRAWING, SPECIFICATIONS AND STANDARDS AS DEFINED BY CONTRACT. RECORDS OF INSPECTION RESULTS FOR ITEMS INCLUDED WITHIN THIS CERTIFICATION ARE ON FILE AND MAY BE REVIEWED UPON REQUEST.

SALES ORDER: 30043818 CUSTOMER P.O.: 178762 SHIPPER/INVOICE: N/A

<u>ITEMS</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>REV</u>	<u>QTY</u>	<u>SERIAL NUMBER</u>
1	79400-205	Turbo-Fan Engine, FJ33-5A	D	1	361111

REMARKS: NONE

DATE OF EXECUTION: 04, March 2020

SIGNATURE OF WILLIAMS INTERNATIONAL REPRESENTATIVE:

TITLE OF WILLIAMS INTERNATIONAL REPRESENTATIVE:

Quality Assurance, Assembly & Test, Ogden

AUTHORIZED CUSTOMER REPRESENTATIVE SIGNATURE & DATE:

N/A

FORM 3092 JAN 2018

 **Williams**
INTERNATIONAL

WILLIAMS INTERNATIONAL PROPRIETARY INFORMATION

All information and technical data disclosed herein are the property of Williams International and may be subject to US export control laws and are not to be duplicated or disclosed to others for any purpose without the written consent of Williams International, Pontiac, Michigan USA

SF50 FJ33-5A Oil Consumption Tracking Sheet

Do not add oil unless required by indication on sight glass to ensure oil consumption record is accurate

Williams published oil consumption limit is 0.012 gal (1.54 oz.) per hr.
If oil consumption exceeds limits, contact Williams International for disposition

ASN:	0202						
Engine Serial:	361111						
Flight #	Hobbs Hrs	Flight Hrs	Oil Added (oz.)	Oil Type	Consumption Rate = Oil added / Flt Hrs.	Checked/Service By (Print/Sign)	Date (MM/DD/YYYY)
INITIAL SERVICING	0.0	0.0	16	Mobil Jet II	N/A	Production Line Technician	03/17/2020
1							
2							
3							
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19							
20							

DO NOT ADD OIL UNLESS REQUIRED BY INDICATION ON SIGHT GLASS TO ENSURE OIL CONSUMPTION RECORD IS ACCURATE