

WILLIAMS INTERNATIONAL
ATTN: PRODUCT SUPPORT
2280 E. WEST MAPLE ROAD, P.O. BOX 200
WALLED LAKE, MICHIGAN 48390
(800) 859-3544 or (248) 960-2929

wiproducsupport@williams-int.com



Williams International

ENGINE SERVICE AND MAINTENANCE RECORD

ENGINE MODEL NUMBER

FJ44-3A

ENGINE SERIAL NUMBER

141688

ENGINE POSITION

E2-Right

Aircraft Identification and Status

A/C Serial Number	A/C Registration	TOTAL ENGINE HOURS	TOTAL ENGINE CYCLES
525B-	0329	1999.20	2411.00

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Transaction No.	Type	Item Description	Installed Part Number	Installed Serial Number	Installed Part Status	HOURS SINCE NEW	CYCLES SINCE NEW	HOURS SINCE OH	CYCLES SINCE OH
1	1	BEARING AND PINION ASSEMBLY	125105	WL20012	N	0.00	0.00		
2	1	No. 2 CARBON SEAL RUNNER	123497	SBC696B2	N	0.00	0.00		
3	1	No. 2 CARBON SEAL	68937	SBC665B2	N	0.00	0.00		
4	1	BEARING, BALL, DEEP GROOVE	72109	JT-118385	N	0.00	0.00		
5	1	BEARING, BALL, DEEP GROOVE	78321	JT-117901	N	0.00	0.00		
6	1	HOUSING ASSY, FRT BRG, HP SHAFT	56195	JDM00296	N	0.00	0.00		
7	1	ROTOR ASSY, HP TURBINE	111414	HW31308	M	0.00	0.00		
8	1	TOWERSHAFT	123069	GG738	N	0.00	0.00		
9	1	FUEL DELIVERY UNIT (FDU)	119149	CL8APU0968	R	1980.00	1918.00		
10	1	1ST LPT NOZZLE HOUSING HEATSHIELD ASSY	122141	AU22693	N	0.00	0.00		
11	1	SUPPORT, BRG, 1ST RDCN BVL GEAR	118847	AU22623	N	0.00	0.00		
12	1	VANE ASSY, IP CPRSR, STAGE 1 AND 2	115569	AU20366	M	2047.10	1505.00		
	2	Williams International Performed Engine Check No. 1, 2, 3							

Transaction Type: 1=Component Change 2=Inspection Accomplished 3=Service Bulletin Accomplished 4=Airworthiness Directive

Installed Part Status: N=New R=Repaired S=Serviceable O=Overhauled M=Modified I=Inspected

Ref No.	Removed Part Numbers	Removed Serial Numbers	Item Description	Maintenance Comments
1	55666 56278	MW3366 BG2610	#2 BEARING AND PINION BEVEK GEAR	FJ44-72-151
2	78640	TX58Y03	No. 2 CARBON SEAL RUNNER	FJ44-72-151
3	68937	TX76Y65	No. 2 CARBON SEAL	FJ44-72-151
4	78321	JT78633	BEARING, BALL, DEEP GROOVE	FJ44-72-080
5	UNKNOWN	UNKNOWN	BEARING, BALL, DEEP GROOVE	
6	55684	JDM00759	No. 2 BEARING HOUSING	FJ44-72-151
7	73458	HW30064	ROTOR ASSY, HP TURBINE	FJ44-72-124
8	76166	GG741	FJ44-72-108	
9	77697	CL8ATW0287	FUEL DELIVERY UNIT (FDU)	
10	72165	AU21219	1ST LPT NOZZLE HOUSING HEATSHIELD ASSY	FJ44-72-133
11	55663	AU21358	SUPPORT, BRG, 1ST RDCN BVL GEAR	FJ44-72-151
12	66948	AU20789	VANE ASSY, IP CPRSR, STAGE 1 AND 2	FJ44-72-078

DISPOSITION/APPROVAL

REPAIR FACILITY:	Williams International	Certificated Repair Station Number: WI5R335J	WORK ORDER:	41810
Work Inspected By:		Certificate Number: WI5R335J	Date: 02/07/17	Permanent Aircraft Engine Record - File In Maintenance Log

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ENGINE MODEL NUMBER

FJ44-3A

ENGINE SERIAL NUMBER

141688

ENGINE POSITION

E2-Right

Aircraft Identification and Status

A/C Serial Number	A/C Registration	TOTAL ENGINE HOURS	TOTAL ENGINE CYCLES
525B-	0329	1999.20	2411.00

Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished

Transaction No.	Type	Item Description	Installed Part Number	Installed Serial Number	Installed Part Status	HOURS SINCE NEW	CYCLES SINCE NEW	HOURS SINCE OH	CYCLES SINCE OH
13	1	COMBUSTOR MODULE ASSY (CONFIG No. 2)	116723	AU00130	R	1972.00	1509.00		
14	1	COMBUSTOR ASSY (CONFIG No. 2)	121594	AU00130	M	1972.00	1509.00		
15	1	FUEL SLINGER	115471	AU1045	R	N/R	N/R		
16	1	BALANCE PISTON	115094	AU21295	N	0.00	0.00		
17	1	DISK, HP TURBINE	67093	HW31308	N	0.00	0.00		
18	1	HPT BLADES	78282	SEE MAP (QTY: 43)	N	0.00	0.00		
19	1	No. 3 BEARING	79027	JT-121258	N	0.00	0.00		
20	1	No. 4 BEARING	78301	JT-124122	N	0.00	0.00		
21	1	No. 4 CARBON SEAL	45075	SBC782B0	N	0.00	0.00		
22	1	No. 4 CARBON SEAL	45075	SBC782B1	N	0.00	0.00		
23	1	HARNESS ASSY,ITT TC	75378	YYF003494	N	0.00	0.00		
24									
2		Williams International Performed Engine Check No. 1, 2, 3							

Transaction Type: 1=Component Change 2=Inspection Accomplished 3=Service Bulletin Accomplished 4=Airworthiness Directive

Installed Part Status: N=New R=Repaired S=Serviceable O=Overhauled M=Modified I=Inspected

Ref No	Removed Part Numbers	Removed Serial Numbers	Item Description	Maintenance Comments
13	112981	AU21035	COMBUSTOR MODULE ASSY (CONFIG No. 1)	
14	75406	AU21035	COMBUSTOR ASSY (CONFIG No. 1)	FJ44-72-124
15	55608	AU21441	FUEL SLINGER	FJ44-72-124
16	57882	MX20068	BALANCE PISTON	FJ44-72-124
17	67093	HW30064	FJ44-72-124	
18	78282	QTY: 43	HPT BLADES	FJ44-72-124
19	59853	FT5291	No. 3 BEARING	
20	78301	JT81092	No. 4 BEARING	
21	45075	TX50433	No. 4 CARBON SEAL	
22	45075	TX50468	No. 4 CARBON SEAL	
23	75378	YYF001573	HARNESS ASSY,ITT TC	
24				

DISPOSITION/APPROVAL

REPAIR FACILITY:	Williams International	Certificated Repair Station Number: WI5R335J	WORK ORDER:	41810
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Work Inspected By:

Certificate Number: WI5R335J

Date: 02/07/17

Permanent Aircraft Engine Record - File In Maintenance Log

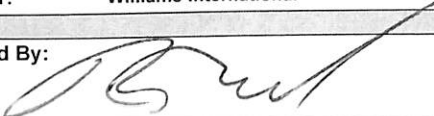
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Williams International

ENGINE SERVICE AND MAINTENANCE RECORD

Service Letters and Service Bulletins

ENGINE MODEL NUMBER		ENGINE SERIAL NUMBER		ENGINE POSITION	
FJ44-3A		141688		E2-Right	
Aircraft Identification and Status					
A/C SERIAL NUMBER		A/C REGISTRATION		TOTAL ENGINE HOURS	TOTAL ENGINE CYCLES
525B- 0329		N528DV		1999.20	2411.00
Component Changes, Inspections, Service Bulletins, or Airworthiness Directives Accomplished					
Transaction No.	Type	Item Description	NUMBER S/B, A/D, S/I, MODS	BULLETIN TYPE	Status
1	3	ENGINE INDICATING - FADEC ENGINE HARNESS ASSEMBLY - REPLACE	FJ44-77-013	RECOMMENDED	C/W
2	3	ENGINE - GEARBOX HOUSING ASSEMBLY - INSPECTION	FJ44-72-140	MANDATORY	C/W
3	3	ENGINE - 1ST LP TURBINE NOZZLE - REPLACE	FJ44-72-133	RECOMMENDED	C/W
4	3	ENGINE - BLEED VALVE SHAFT - REPLACE	FJ44-72-143	RECOMMENDED	C/W
5	3	ENGINE - LP REAR BEARING SEAL RETAINER - REPLACE	FJ44-72-150	RECOMMENDED	C/W
6	3	ENGINE - BEARING AND PINION ASSEMBLY - INSTALL	FJ44-72-151	MANDATORY	C/W
7	3	OIL - OIL FILLER CAP - ASSEMBLY - REPLACE	FJ44-79-013	OPTIONAL	C/W
8	3	ENGINE - IDENTIFICATION PLATE - INSTALL	SL44-72-327	N/A	C/W
9	3	ENGINE - 1ST LP TURBINE NOZZLE - REPLACE	SL44-72-318	N/A	C/W
10	3	ENGINE FUEL AND CONTROL - FUEL TUBE LOOP CLAMP BRACKET - REPLACE	FJ44-73-042	RECOMMENDED	C/W
11	3	ENGINE FUEL AND CONTROL - FUEL DELIVERY UNIT - REPLACE	FJ44-73-044	MANDATORY	C/W
12	3	ENGINE - 2ND REDUCTION PINION BEARING HOUSING - REPLACE	FJ44-72-107	RECOMMENDED	C/W
13	3	ENGINE - IP COMPRESSOR STATOR (STAGE 1-2) - REPLACE	FJ44-72-078	OPTIONAL	C/W
14	3	ENGINE - 2ND REDUCTION BEVEL GEAR BALL BEARING (GEARBOX ASSEMBLY) - REMOVE AND REPLACE	FJ44-72-080	RECOMMENDED	C/W
15	3	ENGINE - ACCESSORY DRIVE SHAFT - REPLACE	FJ44-72-108	RECOMMENDED	C/W
16	3	ENGINE - DAMPENER BRACKET ASSEMBLY - REPLACE	FJ44-72-110	MANDATORY	C/W
17	3	ENGINE - 1ST REDUCTION BEVEL GEAR BALL BEARING - REMOVE AND REPLACE	FJ44-72-109	MANDATORY	P/C/W
18	3	ENGINE - HP TURBINE BLADES - REPLACE	FJ44-72-124	RECOMMENDED	C/W
Transaction Type: 1=Component Change 2=Inspection Accomplished 3=Service Bulletin Accomplished 4=Airworthiness Directive Accomplished			Status: C/W=Complied With P/C/W=Previously Complied With		
DISPOSITION/APPROVAL					
REPAIR FACILITY: Williams International		Certificated Repair Station Number: WI5R335J		WORK ORDER: 41810	
Work Inspected By: 		Certificate Number: WI5R335J	Date: 02/07/17	PERMANENT AIRCRAFT ENGINE RECORD FILE IN MAINTENANCE LOG	

Component Life Limited Card



Williams International

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REFER TO CHAPTER 5 OF THE APPROPRIATE MAINTENANCE MANUAL FOR COMPONENT LIFE LIMITS

P/N: 72036 S/N: AU22058
ROTOR,FAN,16 BLADE,SWEPT BACK

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS				CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL	
	☒	141688	2-13-09	<i>[Signature]</i>		NA		<i>[Signature]</i>		NA		
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P/N: 69026 S/N: HW30161
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 THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL	
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Williams International

P/N: 67093

S/N: HW31308

DISK,HP TURBINE

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS				CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL	
☒	☒	141688	2-7-17	1999.2		NA		2411.0		NA		PART NEW AT INSTALL W15R335J
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Component Life Limited Card

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Williams International

P/N: 72037

S/N: HW29792

DISK,LP TURB ROTOR,STG 1

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS				CYCLES				AUTHORIZED SIGNATURE AND NUMBER
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL	
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Time Between Overhaul (TBO) Card



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P/N: 119149 S/N: CL8APU0968
FUEL DELIVER UNIT (FJ44-3 W/SHIELD)

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	Time Since Overhaul				COMMENTS: Note when part is overhauled, zero out part hours
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL	PART HOURS	
☐	☒	141688	2-7-17	1999.2	NA		1980.0	David R. [Signature] W15R335J
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Time Between Overhaul (TBO) Card



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P/N: 114520 **S/N: MX20761**

PUMP ASSY, LUBE AND SCAVENGE

[illegible]

Component Life Limited Card



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P/N: 66055

S/N: HW29997

ROTOR,HP COMPRESSOR

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	HOURS				CYCLES				AUTHORIZED SIGNATURE AND NUMBER	
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL		
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P/N: 66993

S/N: HW29909

DISC, 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 THIS INSTALL	PART HOURS AT REMOVAL	ENGINE CYCLES AT INSTALL	ENGINE CYCLES AT REMOVAL	PART CYCLES THIS INSTALL	PART CYCLES AT REMOVAL	
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