

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

141687

ENGINE POSITION

E1-Left

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	HARNESS ASSY,ITT TC	75378	YYF003557	N	0.00	0.00		
2	1	BEARING AND PINION ASSEMBLY	125105	WL20082	N	0.00	0.00		
3	1	No. 2 CARBON SEAL RUNNER	123497	SBC696B0	N	0.00	0.00		
4	1	No. 2 CARBON SEAL	68937	SBC664B6	N	0.00	0.00		
5	1	No. 3 CARBON SEAL	64771	SBC-595B8	N	0.00	0.00		
6	1	SENSOR,SPEED,N1 DUAL,MAGNETIC	57355	MD-01880330	N	0.00	0.00		
7	1	No. 4 BEARING	78301	JT-124116	N	0.00	0.00		
8	1	No. 3 BEARING	79027	JT-121305	N	0.00	0.00		
9	1	BEARING, BALL, DEEP GROOVE	72109	JT-118373	N	0.00	0.00		
10	1	HOUSING ASSY,FRT BRG,HP SHAFT	56195	JDM00259	N	0.00	0.00		
11	1	ROTOR ASSY, HP TURBINE	111414	HW31657	M	0.00	0.00		
12	1	TOWERSHAFT	123069	GG726	N	0.00	0.00		
	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	75378	YY001563	HARNESS ASSY,ITT TC	
2	55666 / 56278	MW-3483 / BG2621	No. 2 BEARING AND PINION ASSEMBLY	FJ44-72-151
3	78640	TX-57498	No. 2 CARBON SEAL RUNNER	FJ44-72-151
4	68937	TX-76442	No. 2 CARBON SEAL	
5	64771	TX-82W69	No. 3 CARBON SEAL	
6	57355	MD-0122330	SENSOR,SPEED,N1 DUAL,MAGNETIC	
7	78301	JT-81084	No. 4 BEARING	
8	59863	FT-5284	FUEL PUMP ASSY	
9	78321	JT-78655	BEARING, BALL, DEEP GROOVE	FJ44-72-080
10	55684	JDM-00707	No. 2 BEARING HOUSING	FJ44-72-151
11	73458	HW29637	ROTOR ASSY, HP TURBINE	FJ44-72-124
12	76166	GG716	TOWERSHAFT	FJ44-72-108

DISPOSITION/APPROVAL

REPAIR FACILITY:	Williams International	Certificated Repair Station Number: WI5R335J	WORK ORDER:	41811
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Work Inspected By:

Certificate Number: WI5R335J

Date:

07/February

Permanent Aircraft Engine Record - File In Maintenance Log

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ENGINE MODEL NUMBER

FJ44-3A

ENGINE SERIAL NUMBER

141687

ENGINE POSITION

E1-Left

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	INDICATOR,FUEL FILTER,ELECT	57847	GE4091	R	N/R	N/R		
14	1	FUEL DELIVERY UNIT (FDU)	119149	CLAPU0046	R	2419.90	2398.00		
15	1	1ST LPT NOZZLE HOUSING HEATSHIELD ASSY	122141	AU22699	N	0.00	0.00		
16	1	SUPPORT, BRG, 1ST RDCN BVL GEAR	118847	AU22622	N	0.00	0.00		
17	1	COMBUSTOR MODULE ASSY (CONFIG No. 2)	116723	AU20507	R	2035.50	1279.00		
18	1	VANE ASSY,IP CPRSR,STAGE 1 AND 2	115569	AU20355	M	2047.10	1505.00		
19	1	COMBUSTOR ASSY (CONFIG No. 2)	113636	AU20507	M	2035.50	1279.00		
20	1	FUEL SLINGER	55608	AU20801	I	N/R	N/R		
21	1	BALANCE PISTON	115094	AU21212	N	0.00	0.00		
22	1	DISK, HP TURBINE	67093	HW31657	N	0.00	0.00		
23	1	HPT BLADES	78282	QTY: 43	N	0.00	0.00		
24	1	GEARBOX ASSY, ACCESSORY DRIVE	120746	MX20087	M	1999.20	2411.00		
	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
13	57847	G3-3971	INDICATOR,FUEL FILTER,ELECT	
14	77697	CL8ATW0202	FUEL DELIVERY UNIT (FDU)	FJ44-72-044
15	72165	AU21250	1ST LPT NOZZLE HOUSING HEATSHIELD ASSY	FJ44-72-133
16	55663	AU-21357	SUPPORT,BRG,1ST RDCN BVL GEAR	FJ44-72-151
17	112981	AU21090	COMBUSTOR MODULE ASSY (CONFIG No. 1)	FJ44-72-124
18	66948	AU20838	VANE ASSY,IP CPRSR,STAGE 1 AND 2	FJ44-72-078
19	75406	AU201090	COMBUSTOR ASSY (CONFIG No. 1)	FJ44-72-124
20	55608	AU21444	FUEL SLINGER	FJ44-72-124
21	57882	MX20067	BALANCE PISTON	FJ44-72-124
22	67093	HW29637	DISK, HP TURBINE	FJ44-72-124
23	78517	QTY: 43	HPT BLADES	FJ44-72-124
24	78823	MX20087	GEARBOX ASSEMBLY, ACCESSORY DRIVE	FJ44-72-107

DISPOSITION/APPROVAL

REPAIR FACILITY:	Williams International	Certificated Repair Station Number: WI5R335J	WORK ORDER:	41811
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Work Inspected By:

[Signature]

Certificate Number: WI5R335J

Date:

07/FEB/2017

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		141687		E1-Left	
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 - IP COMPRESSOR STATOR (STAGE 1-2) - REPLACE	FJ44-72-078	OPTIONAL	C/W
2	3	ENGINE - 2ND REDUCTION BEVEL GEAR BALL BEARING (GEARBOX ASSEMBLY) - REMOVE AND REPLACE	FJ44-72-080	RECOMMENDED	C/W
3	3	ENGINE - 2ND REDUCTION PINION BEARING HOUSING - REPLACE	FJ44-72-107	RECOMMENDED	C/W
4	3	ENGINE - ACCESSORY DRIVE SHAFT - REPLACE	FJ44-72-108	RECOMMENDED	C/W
5	3	ENGINE - 1ST REDUCTION BEVEL GEAR BALL BEARING - REMOVE AND REPLACE	FJ44-72-109	MANDATORY	P/C/W
6	3	ENGINE - DAMPENER BRACKET ASSEMBLY - REPLACE	FJ44-72-110	MANDATORY	C/W
7	3	ENGINE - HP TURBINE BLADES - REPLACE	FJ44-72-124	RECOMMENDED	C/W
8	3	ENGINE - 1ST LP TURBINE NOZZLE - REPLACE	FJ44-72-133	RECOMMENDED	C/W
9	3	ENGINE - GEARBOX HOUSING ASSEMBLY - INSPECTION	FJ44-72-140	MANDATORY	C/W
10	3	ENGINE - BLEED VALVE SHAFT - REPLACE	FJ44-72-143	RECOMMENDED	C/W
11	3	ENGINE - LP REAR BEARING SEAL RETAINER - REPLACE	FJ44-72-150	RECOMMENDED	C/W
12	3	ENGINE - BEARING AND PINION ASSEMBLY - INSTALL	FJ44-72-151	MANDATORY	C/W
13	3	ENGINE FUEL AND CONTROL - FUEL TUBE LOOP CLAMP BRACKET - REPLACE	FJ44-73-042	RECOMMENDED	C/W
14	3	ENGINE FUEL AND CONTROL - FUEL DELIVERY UNIT - REPLACE	FJ44-73-044	MANDATORY	C/W
15	3	ENGINE INDICATING - FADEC ENGINE HARNESS ASSEMBLY - REPLACE	FJ44-77-013	RECOMMENDED	C/W
16	3	OIL - OIL FILLER CAP - ASSEMBLY - REPLACE	FJ44-79-013	OPTIONAL	C/W
17	3	ENGINE - 1ST LP TURBINE NOZZLE - REPLACE	SL44-72-318	N/A	C/W
18	3	ENGINE - IDENTIFICATION PLATE - INSTALL	SL44-72-327	N/A	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: 41811
Work Inspected By:		Certificate Number: WI5R335J	Date: 07/FEB/2017	PERMANENT AIRCRAFT ENGINE RECORD FILE IN MAINTENANCE LOG	

Component Life Limited Card



Williams International

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

P/N: 72036 S/N: AU22022
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	
☐	☒	141687	2/10/09	☒		NA		☒		NA		
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Component Life Limited Card



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P/N: 69026

S/N: HW29677

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	
	☒	141687	2/10/09	☒		NA		☒		NA		
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Component Life Limited Card



Williams International

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P/N: 66055

S/N: HW30588

ROTOR,HP COMPRESSOR

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	<u>HOURS</u>				<u>CYCLES</u>				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	
☐	☒	141687	2/10/09	☒		NA		☒		NA		
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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: 67093

S/N: HW31657

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		
☐	☒	141687	2/7/17	1999.20		NA		2411.00		NA		Part new at install	W15R335J
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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: 72037

S/N: HW29791

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	
☐	☒	141487	2/10/09	0		NA		0		NA		
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☐	☒			NA		NA		NA		NA		

 Williams International

P/N: 66993 S/N: HW30498
DISC, ROTOR, 2ND LPT

[illegible]

Time Between Overhaul (TBO) 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 OVERHAUL TIMES

P/N: 119149 S/N: CLAPU0046
FUEL DELIVER UNIT (FJ44-3 W/SHIELD)

REMOVED	INSTALLED	ENGINE SERIAL NUMBER	DATE	Time Since Overhaul			PART HOURS	COMMENTS: Note when part is overhauled, zero out part hours
				ENGINE HOURS AT INSTALL	ENGINE HOURS AT REMOVAL	PART HOURS THIS INSTALL		
☐	☒	141687	2/7/17	1999.20	NA		2419.90	<i>[Signature]</i> W15R33SJ
☐	☒			NA				
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 Williams International

P/N: 114520 S/N: MX20758
PUMP ASSY, LUBE AND SCAVENGE

[illegible]