

TFE731



ENGINE LOG BOOK

Honeywell

HONEYWELL International Inc. Engines & Systems 111 S. 34th Street Phoenix, Az. 85034-2892

S/N P137180

DSC-A1629 , REV.

Honeywell Engine TFE731-40BR-1B Honeywell Part Number 3062075-1 ENGINE SERIAL NUMBER P137180

TEST DATE: 02/11/2014

1-							TEST DAT	E: 02/11/	2014	
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I		II II		LEVEL				SEA	-LEVEL	
Ī	-	II		ANDARD DAY					.0 F	
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Ī	THRUST SPECIFIC FUEL	II	I	I	I	-II			I	I I
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1		II	I	I	1 T	II TT-	MAXIMUM		I	1
Ī	HIGH PRESSUPE TURBINE			Ī	I	11		1668.		
1 T	DISCHARGE TEMPERATURE, F	II	I	I	I	II		1005.	I. T	I :
1	ENGINE SPEED, N1, RPM	I	I	1	1	-11		[[1 7
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7	ACCEPTANCE Made							SIGNAI		DATE
ī	ACCEPTANCE TEST CONDUCT NO PERFORMANCE ADJUSTME	TED WITH AIR	-OIL COOM	ers installi	ED.	II				I
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I							LABORATOR			12/11
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DSC-A1630 , PEV.

Honeywell Engine TFE731-40BR-1B Honeywell Part Number 3062075-1 ENGINE SERIAL NUMBER P177180

			TEST DAT	E: 02/11/2014				
			PERFORMAN	PERFORMANCE RECE AT TAKEOFF STATIC CONDITI				
			I TEST VALUES					
POWER SETTING	I TEMP.	I REQUIRED I THRUST LBS I	I THRUST LBS	I (MAX VALUE	I N1 RPM I (MAX VALUE I 19,611)			
APR	I I 44.4/112.0 I	I I 3850 I	I I 3850.	I 30686. I	II I I 19371. I			
			I SIGN/	ATURE	II DATE			
COOLERS IN	TEST CONDUCTED W STALLED: NO PERFO HAS BEEN MADE.	ITH AIR-OIL RMANCE	I I TEST I LABORATORY	17 (223	1 1 1 1 2-11-14			
			I QUALITY I ASSUPARCE	(P. 19)	2/12/14			

07/24/12 6.77 6.77 07/24/12 19:17:07 02/11/14



ENGINE DATA

Model No.	TFE731-40BR-1B		F	Part Number	3062075-1
Serial No.	P137180				
Net Thrust - Lbs.	Takeoff	3850	Maximu	m Continuous	3500
Specific Fuel Cor	sumption - Lb/Hr.	0.446			
High Pressure Tu	rbine Discharge Ter	nperature	Deg F _		
			Deg C _		
Fuel - See Aircraf	t Flight Manual				
Oil - See Aircraft	Flight Manual				

LBS.

871

TOTAL ENGINE WEIGHT

DEC-A1629 , REV.

Honeywell Engine TFE731-40BR-1B Honeywell Part Number 3062075-1 ENGINE SERIAL NUMBER P137180

						TEST DAT	E: 02/11/	2014	
	II II II II II II II	U.S. STA	-LEVEL ANDARD DAY CONDITIONS		II		103 STATIC	-LEVEL .0 F CONDITIONS	~
I 1	II II		I I		ΙΙ	•	TAKEOFF	I I	
I FARAMETER	II REQUIRED	I VALUE	I REQUIRED	I VALUE	II	REQUIRED	L TEST	I PEOUIDED :	TEST
I NET THRUST LES I I	II 3850.	I 3850.	I I	I I	II	3850. MINIMUM	3850.	I I I	[]
I CONSUMPTION ID/UU_ID	T T	_	-	•	11	0.469	0.455	t .	
HIGH PRESSUPE TURBINE DISCHARGE TEMPERATURE, F				<u>.</u>	TΤ		1668	r .	
ENGINE SPEED, N1, RPM	τ			[-	II.	[:	19219.	[] f	
L	:- []]			[II.			[] TDE	
ACCEPTANCE TEST CONDUCT NO PERFORMANCE ADJUSTME N1 COMPENSATOR PART NO.	ENIS HAVE BEE	-OIL COOLE EN MADE.	ERS INSTALLE	:	II II II II	TEST LABORATORY		-\\\[\frac{\varepsilon}{223}\right\]	2/11/14
					II II	QUALITY ASSURANCE		49)	2/12/19

DEC-A1630 , PEV.

Honeywell Engine TFE731-40BR-1B Honeywell Part Number 3062075-1 ENGINE SERIAL NUMBER P137180

			TEST DAT	E: 02/11/2014	
[]]]]			PERFORMAN	PERFORMANCE RE CE AI TAKEOFF STATIC CONDITI	
I I			I I	TEST VALUES	
I POWER I SETTING I	I AMBIENT I I TEMP. I I DEG. C/F I	11111931 11193	I I THRUST LBS	I (MAX VALUE	I N1 RPM 1 I (MAX VALUE 1 I 19,611) 1
I APR I	I I 44.4/112.0 I	3850	I 3850.	I 30686.	I ₋ I I I 19371. I
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: COOLERS INS	TEST CONDUCTED WI TALLED: NO PERFOR HAS BEEN MADE.	TH AIR-OIL	TEST LABORATORY	12 (23)	2-11-14
i i i]]]	QUALITY ASSUPPICE	(her	2/12/14

07/24/12 6.77 6.77 07/24/12 19:17:07 02/11/14



Unison Industries

7575 Baymeadows Way, Jacksonville, FL 32256 USA

Phone: 904-739-4201 Facsimile: 904-739-4006 CERTIFICATE FOR SEALED RADIOACTIVE SOURCE

Model number:

9060280-1 (Honeywell P/N 3061186-1)

Serial number:

T13460387

Radionuclide: Description:

Beta radiation source

Gas mixture containing 85 Kr in sealed glass/metal envelope

ISO Classification:

ISO/99/C11111

Estimated content activity:

215.4 kBq (107.7 kBq/spark gap) -

Radiation output:

Quantity measured:

Results:

Air kerma rate at 0.1 m from the source

Test for freedom from surface contamination:

< 0.002 µGy/hr (minimum level detectable by dose rate meter used)

N/A, inert gas

Test for freedom from leakage:

ISO 9978 Hot-liquid bubble test (See: 6.2.2)

Results: Passed

Date: 2013 (mm/dd/yyyy)

This certificate and the information contained herein complies with the requirements of ISO 2919

Buse D. Markert Bruce D. Markert Radiation Safety Office

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number Batch	Ref.Des	Quantity
1	3070685-11	VALVE, PRESSURE LIMI	U	18894	1		1.0
2	3070580-4	BODY, VALVE - PCD LIMITER	С				1.0
2	3070581-1	BELLOWS REGULATING,PCD LIMITER	R	131070005893			1.0
2	3070583-1	RETAINER, SPRING	В				1.0
2	3070586-1	SLEEVE SPACER	В				1.0
2	3070587-1	STRAP RETAINER	-				1.0
2	3070596-1	SEAT VALVE,BALL					1.0
2	3070872-1	SPRING, HELICAL, COMPRESSION	•				1.0
2	3070878-1	SPRING, HELICAL COMP	В				1.0
2	\$21025-3	PLATE, IDENTIFICATION	Α				1.0
2	3070584-1	LUG RETAINER, SPRING	В				1.0
1	394476-2	VALVE OUTL, FLOW DIVIDER		3725	1		1.0
1	3060150-3	SEAL, SEGMENTED		13-169020-00186			1.0
1	3070816-14	SENSOR, P2T2		1316901724313			1.0
1	3060116-1	COUPLING SFT RIGID			P4575791		1.0
1	3060155-6	FAN ROTOR ASSEMBLY	F	13-162246-00720	P4812555		1.0
2	3060154-3	FAN BLADE			13-181879-27C		12.0
2	3060154-3	FAN BLADE			13-181879-47C		3.0
2	3060154-3	FAN BLADE			13-181879-48C		13.0
2	3060154-3	FAN BLADE			13-181879-34C		2.0
2	3060287-2	DISK, FAN	F	13-162246-00720	131034289		1.0
3	3900358-111	DISK, FAN, ULTRASONIC SHAPE	Α	13-162246-00720			1.0
1 .	3060156-2	SPINNER ENG INL		13-5060-00131	13-5060-267		1.0
1 .	3060270-3	HOUSING, SEAL NO. 3			13-162545-000		1.0
1 ;	3060272-3	GEAR HLCL SUN	E	13-1034-38478	P4571238		1.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
2	3060272-751	GEAR HELICAL SUN	С	13-1034-38478	5018143171		-	1.0
3	9-8925	6.00 CBS600 AMS6255BAR STOCK						5.8
1	3060709-4	COOLER FUEL OIL	D	3748	2			1.0
2	160506-4	COOLER FUEL OIL	J	3748				1.0
1	3060720-5	TANK, OIL, ENGINE		14-5040-80003				1.0
1	3060735-4	COMPENSATOR		1316909400636				1.0
1	3060757-3	HARNESS, WIRING		13-150262-34905				1.0
1	3061186-1	IGNITION UNIT		J13460387				1.0
1	3071870-3	SHAFT SHOULDERED			13-169019-673			1.0
1	3072653-1	HOUSING, TOWER SHAFT			13-100159-323			1.0
1	3074672-2	SEAL AIR OIL			13-162313-062			1.0
1	70060003-1	PUMP, FUEL - MOTIVE FLOW		13-30003-00097				1.0
1	3060022-930	PLANET GEAR ASSEMBLY		LA049428				1.0
2	3060121-8	CARRIER, PLANETARY REDUCTION GEAR		1216224301178	13-3300-313			1.0
2	3060129-7	PLANETARY GEARSHAFT	Α	14P64280				1.0
3	3060255-1	BEARING, ROLLER PLANET-FWD		13-162255-25350				1.0
3	3060256-1	BEARING, ROLLER PLANET-AFT		13-162255-29655				1.0
3	3060273-2	GEAR HELICAL PLANETARY	E	13-1034-39027	P1592370			1.0
4	3060273-751	GEAR HELICAL PLANETARY	Đ	13-1034-39027	LN131034193			1.0
5	9-8915	3.00 CBS600 AMS-6255 BAR STOCK						5.0
2	3060129-7	PLANETARY GEARSHAFT	Α	14P64281				1.0
3	3060255-1	BEARING, ROLLER PLANET-FWD		13-162255-25352				1.0
3	3060256-1	BEARING, ROLLER PLANET-AFT		13-162255-29663				1.0
3	3060273-2	GEAR HELICAL PLANETARY	Ε	13-1034-39025	P1592370			1.0
4	3060273-751	GEAR HELICAL PLANETARY	D	13-1034-39025	LN131034193			1.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
5	9-8915	3.00 CBS600 AMS-6255 BAR STOCK		-				5.0
2	3060129-7	PLANETARY GEARSHAFT	Α	14P64282				1.0
3	3060255-1	BEARING, ROLLER PLANET-FWD		13-162255-25353				1.0
3	3060256-1	BEARING, ROLLER PLANET-AFT		13-162255-29668				1.0
3	3060273-2	GEAR HELICAL PLANETARY	E	13-1034-39041	P1592370			1.0
4	3060273-751	GEAR HELICAL PLANETARY	D	13-1034-39041	LN131034193			1.0
5	9-8915	3.00 CBS600 AMS-6255 BAR STOCK						5.0
2	3060129-7	PLANETARY GEARSHAFT	Α	14P64283				1.0
3	3060255-1	BEARING, ROLLER PLANET-FWD		13-162255-25356				1.0
3	3060256-1	BEARING, ROLLER PLANET-AFT		13-162255-29674				1.0
3	3060273-2	GEAR HELICAL PLANETARY	E	13-1034-39047	P1592370			1.0
4	3060273-751	GEAR HELICAL PLANETARY	D	13-1034-39047	LN131034193			1.0
5	9-8915	3.00 CBS600 AMS-6255 BAR STOCK						5.0
2	3060129-7	PLANETARY GEARSHAFT	Α	14P64284				1.0
3	3060255-1	BEARING, ROLLER PLANET-FWD		13-162255-25357				1.0
3	3060256-1	BEARING, ROLLER PLANET-AFT		13-162255-29749				1.0
3	3060273-2	GEAR HELICAL PLANETARY	Ε	13-1034-39040	P1592370			1.0
4	3060273-751	GEAR HELICAL PLANETARY	D	13-1034-39040	LN131034193			1.0
5	9-8915	3.00 CBS600 AMS-6255 BAR STOCK						5.0
2	3060212-1	BEARING, BALL-LP-THRUST		12-162255-27358				1.0
2	3000005-64	WASHER SPRING TNSN			13-151587-101			1.0
1	3060022-980	BYPASS DUCT ASSEMBLY		LA049424				1.0
2	109696-6-1	VALVE, SOLENOID-CONTROLLER	K	14190				1.0
2	3060769-1	VALVE, OIL REDUCTION		13-182215-12199				1.0
2	160554-5	COOLER, OIL, SURGACE - OUTLINE	J	3692	1			1.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number Batch	Ref.Des	Quantity
3	MFG3-6706	CORE AY		13110262			1.0
4	R2722-150	.003XMASTER 4047F AMS4185			4912790056		1.0
2	160554-6	COOLER, OIL, SURFACE - OUTLINE	К	3743	2		1.0
3	MFG3-6706	CORE AY		13100254			1.0
4	R2722-150	.003XMASTER 4047F AMS4185			4910703486		1.0
2	3061300-8	DUCT, BYPASS - LOWER		13-181898-01058	13-181898-024		1.0
2	3061300-7	DUCT, BYPASS - UPPER		13-181898-01017	13-181898-024		1.0
2	160552-4	COOLER, OIL, SURFACE - OUTLINE	М	2279			1.0
3	157024-7	CORE ASSEMBLY, OIL COOLER	R	13100005			1.0
1	3060188-7	SHAFT AND HOUSING ASSY, FAN SUPPORT	N	LA049425			1.0
2	3061510-1	BEARING, ROLLER		13-162111-19837			1.0
2	3075657-1	RUNNER ASSY SEAL NO1		13-162397-03934			1.0
2	3060130-1	WASHER SPRING TNSN			12-162298-734		1.0
2	3060162-4	HOUSING ASSEMBLY, FAN SUPPORT			13-3300-256		1.0
2	3060180-2	SHAFT FAN	В	1216205002353	P4425693		1.0
3	3060180-901	MACHINED FORGING SHA		1216205002353	5017178480		1.0
2	3060257-1	BEARING BALL NO2		13-162111-08661			1.0
2	3060277-4	GEAR HELICAL RING	Α	1215611408534	P4365751		1.0
3	3060277-751	GEAR HELICAL RING	В	1215611408534	LN131034081		1.0
4	3900214-115	FORGING GEAR RING	D	1215611408534			1.0
2	3060457-1	SEAL, HYDRODYNAMIC CARBON, NO. 1		13-152826-46959			1.0
1	3060022-925	POWER SECTION ASSEMB		LA049423			1.0
2	3060601-2	GEAR, EXCITER			13-163248-001		1.0
2	3060714-5	SENSOR, SPEED (N1 MONOPOLE)		14910300013			1.0
2	3060718-4	LEAD, N1 MONOPOLE		14-150262-375	555		1.0

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Material Number

3062075-1

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ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

ВОМ	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
2	3060722-11	LEAD IGNITER		S14020008				1,0
2	3060722-12	LEAD IGNITER		S14010045				1.0
2	158465-6	VALVE OIL TEMP CONT	L	14059	1			1.0
2	3071740-1	NUT RND SLOTTED			13-162313-106			1.0
2	3060022-907	PLENUM ASSEMBLY		LA049431				1.0
3	3060584-1	RETAINER VANE HPT			12-108737-007			1.0
3	3060540-2	NOZZLE FUEL INJ		13-163498-01150	13-163498-011			1.0
	3060540-2	NOZZLE FUEL INJ		13-163498-01171	13-163498-012			1.0
	3060540-2	NOZZLE FUEL INJ		13-163498-01174	13-163498-012			1.0
	3060540-2	NOZZLE FUEL INJ		13-163498-01177	13-163498-012			1.0
	3060540-2	NOZZLE FUEL INJ		14-163498-00018	14-163498-001			1.0
1	3060540-2	NOZZLE FUEL INJ		14-163498-00019	14-163498-001			1.0
	3060540-2	NOZZLE FUEL INJ		14-163498-00020	14-163498-001			1.0
	3060540-2	NOZZLE FUEL INJ		14-163498-00021	14-163498-001			1.0
	3060540-2	NOZZLE FUEL INJ		14-163498-00024	14-163498-001			1.0
	3060540-2	NOZZLE FUEL INJ		14-163498-00026	14-163498-001			1.0
:	3060540-2	NOZZLE FUEL INJ		14-163498-00028	14-163498-001			1.0
;	3060540-2	NOZZLE FUEL INJ		14-163498-00063	14-163498-001			1.0
;	3060318-8	DIFFUSER, CENTRIFUGAL COMPRESSOR, HP			14-3300-008			1.0
;	3060534-4	CASE, COMBUSTION CHAMBER		13-3300-02954	14-3300-018			1.0
ı	MS20605R3W2	MS20605R3W2 Per NASM20605 RIVET			010008347233			80.0
1	MS20470AD6-6	RIVET, SOLID, UNIVERSAL HEAD			010004909875			1.0
1	MS21062-3	NUT PLATE			010007113195			2.0
ľ	MS21076-3	NUT PLATE			010007751050			38.0
3	3060545-2	BOLT, D HEAD			010008088619			40.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
4	3072443-935	SUPPORT						1.0
4	VZOREK 28	SAMPLE TH3.18 INCO 718			6004248082			1.0
4	3060534-937	BOSS			010008322389			3.0
4	3060534-977	CLIP			010008010470			1.0
4	3060534-979	GUSSET, Find Number 10/MBP			010006542385			2.0
4	3072443-927	MACHINED BOSS			010008432019			1.0
4	3060534-907.51	WELDED SUBASSY			6004443780			1.0
4	3060534-991.51	WELDED FLANGE			6004443791			1.0
3	3060573-2	LINER, OUTER TRANSITION		13-3300-02988	13-3300-326			1.0
4	4662098	PLASMA POWDER METCO 81VF-NS				0001720065		150.0
4	3060573-01	SUB ASSY			6004490967			1.0
4	3060573-902	FLANGE			6004377006			1.0
4	3060573-903	LINER			6004413050			1.0
3	3060579-1	SWIRL RING, COOLING AIR, BLADE			13-3300-316			1.0
3	3060766-1	CHAMBER, COMBUSTION		13-3300-03522	13-3300-334			1.0
4	3060766-914	OUTER PANEL	W					1.0
4	3060766-916	INNER SUB ASSY	Р					1.0
4	3073026-1	IGNITER GROMMET			010008426677			2.0
4	3075542-2	NOZZLE GROMMET			010008309673			12.0
4	4662081	PLASMA POWDER AMDRY 964				0001908289		0.4
4	4665696	PLASMA POWDER AMDRY 204 NS-1				0001929369		1.0
2	3060022-912	TURBINE/REAR MOUNT ASSY		LA049426				1.0
3	3070344-2	ROTOR SEAL			13-162313-147			1.0
3	3071383-2	SEAL AIR OIL		13-150211-00287	13-150211-015			1.0
3	358750-2	BEARING, ROLLER		13-162111-13306				1.0

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Material Number

3062075-1

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ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
3	3060626-8	TURBINE ROTOR ASSY - LP, THIRD STAGE	Н	12-156103-00929	P4806391			1.0
4	3060671-2	DISK, ROTOR - LP TURBINE, STAGE 3		12-156103-00929	13-169025-499			1.0
4	3075307-1	SEAL ROTOR LPT 3STG		12-169025-00441	13-169025-832			1.0
4	3061823-2	BLADE, TURBINE, ROTOR, LPT, STAGE 3			HG-4024			1.0
4	3061823-2	BLADE, TURBINE, ROTOR, LPT, STAGE 3			HG-4025			55.0
3	3060653-7	NOZZLE TURB LP 2STG			13-3300-318			1.0
3	3060655-6	NOZZLE ASSY LPT 3STG			13-3300-340			1.0
3	3060662-1	PIN, RETAINER RING			13-5060-333			1.0
3	3060674-3	SHAFT AND SEAL AY LPT			P4708621			1.0
3	3060694-8	DUCT, TRANSITION, TURBINE INTERSTAGE		13-3300-02416	13-3300-303			1.0
4	3060694-921	FLANGE			010008183544			1.0
4	3060694-964	PIN			010006358376			6.0
4	3075293-1	BOLT ENG MOUNT AFT			010007801304			19.0
4	4662081	PLASMA POWDER AMDRY 964				0001781837		0.2
4	4665696	PLASMA POWDER AMDRY 204 NS-1				0001781836		0.4
4	3060694-927	FLANGE TX T.OWEN			010007815370			1.0
4	3060694-901	SUB ASSY		13-3300-02416				1.0
5	3060694-923	FLANGE			010008328243			1.0
5	3060694-925	FLANGE			010008094156			1.0
5	3060694-933	CONE			010008222779			1.0
1	3060694-920	FWD FLANGE						1.0
1 .	3060694-951	PAD			010006376613			1.0
1 :	3060694-961	MACHINED PAD			010008021092			4.0
3 ;	3060763-3	HARNESS ITT		1316901740684				1.0
3 ;	3061497-3	RING, RETAINING, HP SHROUD			12-182405-013			1.0



Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell international inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material R Description R	ev Serial Number	Lot Number	Batch	Ref.Des	Quantity
3	3074108-2	SEAL AIR ROTTUR2STG	12-169025-00239	13-169025-692			1.0
3	3074743-1	SHAFT TIE		13-156138-A4W			1.0
3	3074767-1	SEAL ROTATING		12-162313-032			1.0
3	3000005-5	WASHER SPRING		11-162298-725			1.0
3	3075443-4	BEARING HOUSING, REAR - NO. 6	13-3300-03337	13-3300-354			1.0
4	423-603-9011	INSERT, SCREW THREAD,-KEY LOCKED (THIN W		010008212033			11.0
4	3072889-5	PIN ALIGNMENT		010006950805			1.0
4	3074809-955	PLUG		010006497551			1.0
4	3075443-111	HOUSING BEARING		010008659527			1.0
1	3075443-902	SUB ASSY					1.0
1	3075443-931	STIFFENER		010008048877			1.0
1	4665708	PLASMA POWDER METCO 307 NS		010007771570			0.2
3	3060610-5	TURBINE ROTOR ASSY - LP, FIRST STAGE -	12-156103-01094	P4702468			1.0
ŀ	3060612-1	BLADE, TURBINE ROTOR, LPT - STAGE 1		HM-3317			17.0
	3060612-1	BLADE, TURBINE ROTOR, LPT - STAGE 1		HM-3316			25.0
Ļ	3060612-1	BLADE, TURBINE ROTOR, LPT - STAGE 1		HM-3312			8.0
,	3060612-1	BLADE, TURBINE ROTOR, LPT - STAGE 1		HM-3315			14.0
ļ	3060625-1	DISK, ROTOR - LP TURBINE, 1ST STAGE	12-156103-01094	13-169025-536			1.0
3	3060608-5	TURBINE ROTOR ASSY - LP, SECOND STAGE -	12-156103-00810	P5298284			1.0
ļ	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4154(ECWJ)			1.0
ļ	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECCW)			1.0
.	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECUH)			1.0
1	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECTY)			1.0
Ļ	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECWM)			1.0
ļ	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECWL)			2.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev Serial Number	Lot Number	Batch	Ref.Des	Quantity
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECWC)			9.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4150(ECWA)			5.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4149(ECWM)			2.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4149(ECWE)			1.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4149(ECWJ)			2.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4149(ECWK)			12.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4149(ECWL)			10.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4113(ECWD)			2.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4113(ECWC)			1.0
4	3075424-2	BLADE, TURNINE ROTOR 2DN STAGE LP		HM-4113(ECCW)			1.0
4	3060611-1	DISK, TURBINE ROTOR - LOW PRESSURE, STG	12-156103-00810	13-169025-961			1.0
3	3060666-11	NOZZLE ASSY, LPT, STAGE 1	13-3300-02512	13-3300-340			1.0
4	NAS1398C5-4	"RIVET, BLIND, PROTRUDING HEAD, LOCKED S		010008390849			1.0
4	NAS1398C5-4	"RIVET, BLIND, PROTRUDING HEAD, LOCKED S		010008390849			9.0
4	3060679-1	DEFLECTOR FORWARD		010008377847			1.0
4	3060680-1	DEFLECTOR-AFT		010008431760			1.0
4	3060693-1	SUPPORT, STATIONARY SEAL, AIR	13-3300-03364				1.0
5	3060693-111	SUPPORT-INVEST CSTG		010008578133			1.0
4	3073765-12	SEAL, AIR, STATIONARY	13-3300-03420				1,0
5	3073765	SEAL		6004508584			1.0
4	3001797-13	BUSHING TURB NOZ		010008509620			9.0
4	3001797-6	BUSHING TURB NOZ		010008378403			9.0
4 ;	NA\$1198-5-7	RIVET		010008432008			9.0
4	NAS1398C5-2	"RIVET, BLIND, PROTRUDING HEAD, LOCKED S		010008371282			2.0
4	NAS1398C5-2	"RIVET, BLIND, PROTRUDING HEAD, LOCKED S		010008371282			15.0



Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number Bat	ch Ref.Des	Quantity
4	3060651-10	NOZZLE TURBINE LP, STAGE 1	-	13-3300-02512			1.0
5	3060651-115	NOZZLE			010007938570		1.0
3	3073718-3	SUPPORT, BEARING HOUSING, REAR - NO. 6		13-3300-01989	13-3300-257		1.0
4	MS20605R3W2	MS20605R3W2 Per NASM20605 RIVET			010006515301		24.0
4	MS20501-1032	NUT			010007581898		12.0
4	3075384-902	SUB ASSEMBLY FIND #3 AND #4					1.0
4	3073718-113	SUPPORT, BEARING HOUSING, REAR - NO. 6 -			010007957713		1.0
2	3060022-913	LPT1 SHROUD ASSEMBLY		LA049427			1.0
3	3061494-1	HPT SHROUD SEGMENT			13-150285-018		9.0
3	3061494-1	HPT SHROUD SEGMENT			13-150285-017		3.0
3	3061495-2	CASE HP TURBINE	В	13-156113-18883			1.0
1	3061495-903	CASE		13-156113-18883	010008881118		1.0
2	3060022-950	FRONT FRAME ASSEMBLY	CA	LA049430			1.0
3	3060163-5	VANE ASSEMBLY, FAN STATOR	-	14P63992	P4787479		1.0
3	3060435-1	HOUSING, FAN INLET			13-3300-277		1.0
3	3060421-3	FRAME ASSY, FRONT - 9 STRUT MACHINING	•	13-101376-00047	13-3300-330		1.0
ŀ	423-603-9031	INSERT, SCREW THREAD, -KEY LOCKED (THIN			010008426750		58.0
ŀ	423-603-9031	INSERT, SCREW THREAD, -KEY LOCKED (THIN			010008426750		30.0
ļ	423-603-9031	INSERT, SCREW THREAD, -KEY LOCKED (THIN			010008426750		28.0
ŀ	682-557-2109	STUD KEY LKD			010008524751		88.0
}	682-557-2111	STUD KEY LKD			010008425669		14.0
1	682-557-2111	STUD KEY LKD			010008619935		9.0
	682-557-2111	STUD KEY LKD			010008619935		68.0
1	3060189-1	PIN ·			010007959301		5.0
1	3060207-12	BUSHING			010006669415		8.0

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Material Number

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Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
4	3060207-13	BUSHING			010007209145			2.0
4	3060207-14	BUSHING			010008050079			2.0
4	3060207-15	BUSHING			010007630065			8.0
4	3060207-2	BUSHING			010005066364			2.0
4	3060207-4	BUSHING			010007102395			2.0
4	3060416-1	PLUG FRONT FRAME			01003824413			2.0
4	682-557-2211	STUD KEY LKD			010008535082			18.0
4	423-603-9022	INSERT, SCREW THREAD, -KEY LOCKED (THIN			010007692336			4.0
4	682-5504-2401	STUD, KEY LOCKED - WEIGHT - REDUCED, INC			010008619396			18.0
4	3060420-111	FRAME, FRONT - 9 STRUT CASTING		13-101376-00047	010008454945			1.0
2	3060300-17	COMPRESSOR ASSEMBLY	AC	14P07071				1.0
3	3071824-5	RETAINER BRG HP RTR			13-169006-216			1.0
3	3075016-1	BEARING BALL THR RTR	J	13-151725-06988		0001972012		1.0
3	3075633-2	SEAL RUNNER ASSY NO5		13-162397-07434				1.0
3	3075639-2	SEAL RUNNER ASSY NO4		13-162397-08717				1.0
3	358751-1	BEARING, ROLLER		13-162111-20334				1.0
3	358752-3	BEARING, BALL		13-151725-06554				1.0
3	358759-1	BEARING, ROLLER CYLINDRICAL-HP ROTOR		13-162255-34891				1.0
3	3060316-4	CASE HP IMPELLER			13-3300-339			1.0
3	3060366-3	SHAFT SHOULDERED	-	14P64042	P4574637			1.0
4	3060366-751	SHAFT SHOULDER			5018673608			1.0
3	3060371-1	COMPRESSOR, ROTOR, CENTRIFUGAL	J	13-182449-09493	141034008			1.0
4	3900232-111	FORGING, IMPELLER	В	13-182449-09493				1.0
3	3060382-1	SPACER SLEEVE			13-5060-336			1.0
3	3060436-1	SEAL, HYDRODYNAMIC CARBON, NO. 5		14-152826-49353				1.0

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Material Number

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Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
3	3060437-1	SEAL, HYDRODYNAMIC CARBON, NO. 4		13-152826-47021				1.0
3	3060502-2	COUPLING, SHAFT HP TURBINE	E	13-1034-40068	131034289			1.0
4	3060502-751	COUPLING SFT HP TURB	D					1.0
4	3073609-5	RING SEAL METAL	K					1.0
4	3060502-915	PIN	-					2.0
3	3060514-1	SEAL PLATE, HPT	J	13-182449-08997	131034347			1.0
4	3060514-751	SEAL PLATE HPT	E	13-182449-08997				1.0
5	3900219-111	FORGING, ROTATING	В	13-182449-08997				1.0
3	3060555-5	HPT ROTOR ASSEMBLY	Н	12-156111-00365	P4787495			1.0
4	3060556-1	BLADE, TURBINE ROTOR, HP			HM-3360			7.0
4	3060556-1	BLADE, TURBINE ROTOR, HP			HM-3361			49.0
4	3060841-1	DISK, TURBINE ROTOR - HP	J	12-156111-00365	131034296			1.0
5	3900246-111	FORGING, DISK, HPT		12-156111-00365				1.0
3	3060698-1	SEAL, AIR, ROTATING	F	12-162053-47086	14-1034-017			1.0
4	3060698-761	SEAL AIR ROTATING		12-162053-47086				1.0
5	3900222-111	FORGING ROTATING	Α	12-162053-47086				1.0
3	3060804-1	GEARSHAFT, BEVEL	В	14P63798	P4606762			1.0
4	3060804-751	MACHINED BLANK			LN131034219			1.0
3	3060805-1	GEAR, BEVEL, ACCESSORY DRIVE			P4674811			1.0
3	3070024-1	SCOOP, OIL			13-107281-006			1.0
3	3070027-1	TUBE TRANSFER			09-162806-001			1.0
3	3070151-4	TIE SHAFT NUT			13-5040-420			1.0
3	3070369-2	SUPPORT ASSY			13-156138-DRG			1.0
3	3070490-1	SCOOP OIL			14-5060-015			1.0
3	3071463-1	CARRIER ASSEMBLY, ROLLER BEARING - HP CO			13-3300-303			1.0

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Material Number

3062075-1

Serial Number P137180

Material Desc ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material F Description F	lev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
3	3071863-1	RETAINER BRG			12-169006-666			1.0
3	3071866-3	CARRIER BEARING			13-162313-122			1.0
3	3060599-3	COUPLING, REAR SEAL - HP SHAFT H	1 1	13-1034-40494	131034336			1.0
2	3061704-2	NOZZLE, ASSEMBLY, H.P. TURBINE A	. 1	14P07070				1.0
3	3060581-1	SEAL CARR HP TURB			13-156162-010			1.0
3	3061496-2	HP NOZZLE RETAINING RING			12-182382-762			1.0
2	3061704-902	A-4 NOZZLE ASSEMBLY	Ł	.A049432				1.0
3	3060840-4	NOZZLE SEGMENT, HP, COOLED			13-1082-325			4.0
3	3060840-5	NOZZLE SEGMENT, HP, COOLED			13-1082-213			1.0
3	3060840-6	NOZZLE SEGMENT, HP, COOLED			14-1082-027			4.0
3	3060840-6	NOZZLE SEGMENT, HP, COOLED			14-1082-024			2.0
3	3060840-6	NOZZLE SEGMENT, HP, COOLED			14-1082-016			4.0
2	3060022-971	LPC STACK	L	.A049429				1.0
3	978812-7-1	VALVE OUTL MODULATING & SHUTOFF PNEUMATIG	. 1	14833	1			1.0
3	3060334-1	SEAL			13-3300-330			1.0
3	3070279-17	COMPRESSOR STATOR ASSEMBLY, THIRD STAGE A	.F 1	3P63456	P4708714			1.0
4	3060348-4	VANE, COMPRESSOR STATOR - STAGE 3			13-3500-106			21.0
4	3060348-4	VANE, COMPRESSOR STATOR - STAGE 3			13-3500-071			8.0
4	3060348-4	VANE, COMPRESSOR STATOR - STAGE 3			12-3500-045			11.0
4	3060348-5	VANE, COMPRESSOR STATOR - STAGE 3			13-3500-049			1.0
4	3060348-6	VANE STATOR LPC-3			13-3500-145			18.0
4	3072464-6	RING RTNR VANE 3STG			13-108737-003			1.0
3	3070280-9	COMPRESSOR STATOR ASSY, 2ND STAGE - LOW M	1 1	3P63454	P4708928			1.0
4 :	3060347-4	VANE STATOR LPC-2			13-3500-103			2.0
,	3060347-4	VANE STATOR LPC-2			13-3500-052			8.0

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Material Number

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Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
4	3060347-4	VANE STATOR LPC-2			13-3500-068			6.0
4	3060347-4	VANE STATOR LPC-2			13-3500-051			2.0
4	3060347-4	VANE STATOR LPC-2			12-3500-309			40.0
4	3060347-5	VANE STATOR LPC-2			12-3500-085			1.0
4	3060347-6	VANE STATOR LPC-2			08-07641-670			2.0
4	3072482-2	RING RETAINING			12-156138-A4F			1.0
4	3072485-1	STOP, VANE, STATOR - COMPRESSOR, SECOND			09-163248-001			1.0
3	3070281-12	COMPRESSURE STATOR ASSY, 1ST STAGE LOW F	v	13P63452	P4708712			1.0
4	3060346-4	VANE, COMPRESSOR STATOR - STAGE 1			13-3500-122			1.0
4	3060346-4	VANE, COMPRESSOR STATOR - STAGE 1			13-3500-110		•	14.0
4	3060346-4	VANE, COMPRESSOR STATOR - STAGE 1			13-3500-073			5.0
4	3060346-4	VANE, COMPRESSOR STATOR - STAGE 1			13-3500-143			25.0
4	3060346-5	VANE, COMPRESSOR STATOR - STAGE 1			12-3500-287			1.0
4	3060346-6	VANE, COMPRESSOR STATOR - STAGE 1			0707641184			1.0
4	3072481-2	RING VANE RETAINER, FIRST STAGE CMPRSR			13-108737-002			1.0
4	3072484-1	STOP STATOR VANE			13162301068			1.0
3	3070289-9	SHROUD LPC-2			13-182127-003			1.0
3	3070292-9	SHROUD, COMPRESSOR WHEEL, THIRD STAGE			13-182127-001			1.0
3	3071740-1	NUT RND SLOTTED			14-162313-010			1.0
3	3072417-12	COMPRESSOR ROTOR ASSY, AXIAL, TURBINE EN	AK	13-162045-00656	P4775847			1.0
1	3060343-1	BLADE CPRSR RTR 3STG			13-3500-187			39.0
1	3060374-1	DISK, AXIAL COMPRESSOR, TURBINE ENGINE -	н	13-162045-00656	131034242			1.0
5	3060374-111	DISK, AXIAL COMPRESSOR, TURBINE ENGINE -	н	13-162045-00656				1.0
1	3072404-4	SHROUD, AXIAL COMPRESSOR, TURBINE ENGINE			131034341			1.0
3	3074744-1	TIE ROD, THREADED ENDS	Р	13P62792				1.0

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Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number	Batch	Ref.Des	Quantity
4	9-8934	1.375 718 EMS55476 BAR STOCK			5018814423			36.0
3	3075351-12	COMPRESSOR ROTOR ASSY, AXIAL - STAGE 4	AA	13-162053-54870	P4783796			1.0
4	3060344-1	BLADE LPC-4			13-3500-183			10.0
4	3060344-1	BLADE LPC-4			13-3500-206			32.0
4	3072405-4	SHROUD, AXIAL COMPRESSOR, TURBINE ENGINE			141034015			1.0
4	3074803-5	SHAFT, SHOULDERED, LOW PRESSURE COMPRES	sw	14P63884	P4668145			1.0
5	3074803-753	SHAFT SHLDR LP CPRSR			5018756532			1.0
4	3075326-5	DISK, AXIAL COMPRESSOR, - STAGE 4	AB	13-162053-54870	131034263			1.0
5	3075324-111	FORGING	В	13-162053-54870				1.0
3	3060361-5	CASE AND VANE ASSY STAGE 4		13-3300-03751	13-3300-352			1.0
4	MS20427F3-4	MS20427F3-4 PER NASM20427 RIVT			0100064700633			6.0
4	MS21070-3	NUT, SELFLOCKING			010008268465			3.0
4	3075466-2	PIN STATOR LPC 4STG			0100085364			1.0
4	3060361-921	MACHINED HUB						1.0
4	3060361-927	SHROUD						1.0
4	3060361-933	RING			0100086524			1.0
4	3060361-999	SEALING WRAP/MBP						1.0
4	3073797-2	VANE, LP COMPRESSOR, STAGE 4			6004682946			50.0
4	3073797-2	VANE, LP COMPRESSOR, STAGE 4			6004670374			34.0
4	VZOREK 134	SAMPLE TH1,6 CRES 17-4PH			6004608866			1.0
3	3071873-6	SHROUD LPC 1STG			13-182127-003			1.0
3	3070440-24	COMPRESSOR ROTOR ASSY 1ST STAGE	AV	13-162045-00698	P4550010			1.0
4	3060314-3	SHAFT, SHOULDERED, LP COMPRESSOR - FWD	G	13P61652	P4387023			1.0
5	3060314-751	SHAFT SHLDR LP CPRSR			LN131034080			1.0
4	3060341-1	BLADE LPC-1			13-3500-104			31.0

Honeywen

Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

BOM	Material	Material Description	Rev	Serial Number	Lot Number		Batch	Ref.Des	Quantity
4	3060345-1	LPC RETAINER RING			13-169015-001				1.0
4	3060372-1	DISK, AXIAL COMPRESSOR, TURBINE ENGINE -	Н	13-162045-00698	131034248				1.0
5	3060372-111	DISK, AXIAL COMPRESSOR, TURBINE ENGINE -	G	13-162045-00698					1.0
3	3075841-3	COMPRESSOR ROTOR ASSY - STG 2	-	13-162045-00818	P4770490				1.0
4	3075839-1	DISK, LPC ROTOR-STG 2	Ε	13-162045-00818	131034294				1.0
5	3060373-111	DISK, AXIAL COMPRESSOR, TURBINE ENGINE -	F	13-162045-00818					1.0
4	3075840-3	BLADE, COMPRESSOR ROTOR - STAGE 2			13-3500-096				1.0
4	3075840-3	BLADE, COMPRESSOR ROTOR - STAGE 2			13-3500-095				2.0
4	3075840-3	BLADE, COMPRESSOR ROTOR - STAGE 2			13-3500-211				5.0
4	3075840-3	BLADE, COMPRESSOR ROTOR - STAGE 2			13-3500-213				3.0
4	3075840-3	BLADE, COMPRESSOR ROTOR - STAGE 2			13-3500-024				28.0
4	3072403-6	SHROUD, AXIAL COMPRESSOR			141034010				1.0
1	3070800-47	FUEL CONTROL ASSY MAIN TURBINE ENGINE	CL	20398	6				1.0
2	2683881	VALVE ASSEMBLY METERING (MTCHD)	С	163194-3276		000	1852489		1.0
2	3070643-4	VALVE ASSEMBLY BODY & HSG	υ	163194-3118					1.0
2	3070690-8	BODY FUEL CONTROL	AW	162260-CF4178					1.0
2	3070973-2	SET VALVE,MTCHD-RELIEF	K	10128-13-0094					1.0
2	3074127-2	SERVO PRESS REG VALVE SET, MATCHED	Κ	150529-1540					1.0
2	3074131-2	VALVE ASSEMBLY ROTARY-MATCHED SET	R	126102500223					1.0
2	3074253-3	FLYWEIGHT ASSY GOVERNOR	G	GOV6004654705					1.0
3	3073852-4	SET FLYWEIGHT, GOV, MTCHD	Н	12107006298					1.0
2	2690663	VALVE ASSEMBLY, METERING	Α	MS6004673318					1.0
3	3074139-3	BELLOWS SENSOR, COMPRESSOR DISCHAR	T	1315076800098					1.0
3	3074276-3	FILTER PLATE VALVE	D	5511					1.0
2	2690665	CONTROL ASSEMBLY, SERVO VALVE	Α	HS6004715141					1.0

Honeywen

Material Number

3062075-1

Serial Number P137180

Material Desc

ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev	Serial Number	Lot Number		Batch	Ref.Des	Quantity
3	2687608	BELLOWS REGULATING, SERVO VALVE	Α	13107010774		0	001990144		1.0
3	3070521-5	TORQUE MOTOR	AG	D9002S					1.0
2	2691329	LEVER ASSEMBLY, POWER	В	PLA6004708663					1.0
3	3074110-1	RESISTOR VAR,LIN,PRECISION	K	1316280100206					1.0
3	442580-2	SOLENOID AND VALVE, INSTALLATION OF		SVEBA10571					1.0
3	442581-2	SOLENOID AND VALVE		SVEBB10567					1.0
2	441886-ISS6	FUEL CONTROL, MAIN, TURBINE ENGINE, INSTL O	06	20398					1.0
1	2118882-8001	TFE-731 DIGITAL ELECTRONIC ENGINE CONTRO	BD	93-370058					1.0
2	2118883-11	TFE-731 DIGITAL ELECTRONIC ENGINE CONTRO	AL	101-22/401					1.0
3	4241318-13	MODULE ASSY	AA	1351-00977					1.0
4	4241319-13	SUB, FADEC SUBASSEMBLY	Р	1350-00976					1.0
5	4242010-905	SUB, DEEC:	М	1343-00967					1.0
5	4241325-909	SUB FADEC		1346-00954					1.0
3	4242225-803	Q-XDCR ASSY	Ε	1343-00946					1.0
4	4242710-2	CIRCUIT CARD ASSEMBLY EMI/FLEX	N	1343-00946					1.0
3	4241309-11	CIRCUIT CARD ASSEMBLY, POWER SUPPLY	BH	1342-00939					1.0
1	3062075-904	GEARBOX ASSEMBLY		LA049433					1.0
2	3070639-1	SHAFT, SHOULDER			11-169019-807				1.0
2	895349-1	COUPLING RGD SP			13-169006-137				1.0
2	3060760-4	FUEL PUMP		3547					1.0
2	3060800-1	SUPPORT ASSEMBLY			13-169019-939				1.0
2	3060801-1	MOUNT ASSY ACCESSORY			13-169019-794				1.0
2	3070093-16	GEARBOX, TRANSFER	ВР	14P64285					1.0
3	358753-2	BEARING, BALL, THRUST		12-162255-10441					1.0
3	358754-2	BEARING, ROLLER		13-162111-17843					1.0

Honeywen

Material Number

3062075-1

Serial Number P137180

Material Desc

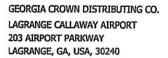
ENGINE ASSEMBLY TURBOFAN; TFE731-40BR-1B

Mfg. Revision A

ESS - Engines - Phoenix Honeywell International Inc 111 South 34th Street PHOENIX AZ 85072 USA

вом	Material	Material Description	Rev Serial Number	Lot Number	Batch Ref.Des	Quantity
3	358755-1	BEARING, ROLLER	13-162111-14548			1.0
3	358756-1	BEARING, ROLLER	13-162111-17165			1.0
3	3060828-2	HOUSING GRBX XFR		13-5060-305		1.0
3	3070212-3	GEARSHAFT, BEVEL TRANSFER GEARBOX		P4680517		1.0
3	3070219-2	GEARSHAFT, BEVEL, TRANSFER GEARBOX		P4606761		1.0
3	3070722-8	TRANSDUCER	13910300192			1.0
3	358757-1	BEARING BALL	13-151725-03565			1.0
2	3070201-2	SHAFT STRAIGHT	•	P4346176		1.0
2	3060785-3	PUMP - LUBE WITH REGULATOR & SCAV	1316225400153			1.0
2	3060827-4	GEARBOX ASSEMBLY ACCESSSORY DRIVE	S-4238	1		1.0





Page 1 of 2

TFE731-40BR-1B 3062075-1 S/N: P-137180

On Aircraft Reg: N877W Serial: 45-496

Work Order #:

			7							
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
09-M	ar-2022	0	0			3206.2	3206			
No.	Task No./F	Position		Description						 ·
1	761330A			NO. 2 ENGINE	- DOWNLOAD E	ENGINE (DEEC) (COMPUTER ECTM			
	ED FOR RETU Work P	AIRCRAFT HAS B RN TO SERVICE. erformed By: nspected By:	CURT TAU	OR REPAIRED IN A	ACCORDANCE W	Cer	tificate #: tificate #:	A&P 3788		

GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY LAGRANGE, GA, USA, 30240

Page 1 of 1

TFE731-40BR-1B 3062075-1 S/N: P-137180

On Aircraft Reg: N877W Serial: 45-496

						Work Ord	ler #:			
Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
18-Jan-2022	0	0			3109	3115				
No. Task No.	/Position		Description							
1 057110							MANUFACTURERS			
ERTIFY THAT THE	S AIRCRAFT HAS EURN TO SERVICE.	BEEN INSPECTED	OR REPAIRED IN	ACCORDANCE W	TTH CURRENT FE	DERAL AVIATIO	N REGULATION 9	1.409 (F)(3) AND		
Work	Performed By:		4							
		CURT TAL			Cer	tificate #:	A&P 3788	3607		
Work	Inspected By:				Cer	tificate #:				

									- Annual of the second	
ORGIA CROWN DI	STRIBUTING CO.				I 10 I 9g6	ı	TFE731-	40BR-1B 306	2075-1 S/I	N: P-137180
GRANGE CALLAWA BAIRPORT PARKW								On Aircraft	Reg: N877W	Serial: 45-496
GRANGE, GA, USA,						07000-11 2 712-1112				
	T	ΙΙ			I	Work Ord	er #:	T	T	T
Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
05-Feb-2022	0	0			3150.3	3157				
o. Task No./	Position		Description							
761330A			NO. 2 ENGINE	- DOWNLOAD E	NGINE (DEEC) C	OMPUTER ECTM				
ERTIFY THAT THIS		EN INSPECTED (OR REPAIRED IN A	CCORDANCE WI	TH CURRENT FE	DERAL AVIATION	N REGULATION 9	1.409 (F)(3) AND		
PROVED FOR RETU	RN TO SERVICE.	1								
Work F	erformed By:		ter		Cer	tificate #:	A&P 3788	3607		
		CURT TAU	NTON							
1071	and the state of t					ve				
Work I	nspected By:				Cer	tificate #:				



GEORGIA CROWN DISTRIBUTING CO.

TFE731-40BR-1B 3062075-1 S/N: P-137180

יטעא כטי	PORT PARKW	IΔY									
AGRAN	GE, GA, USA						Work Orde	er#:			
_	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
21-54	ep-2021	0	0			2949.9	2940				
No.	Task No.			Description							
1	TFE731-7 R01)	2-5256 R01 (D20)		SUSPECT SHO Method Of (OT PEENED ROLI Compliance:	LED EDGES ON T NO	FE731-20 AND -4 T APPLICABLE - N	O ENGINE MODEI IA BY SERIAL NUI		WITH TIN	
I CERTIF APPROV	ED FOR RET	IS AIRCRAFT HAS URN TO SERVICE Performed By:	M_{ℓ}	OR REPAIRED IN	ACCORDANCE W		EDERAL AVIATION		1.409 (F)(3) AND	1	
	Work	Inspected By:			/	Ce	rtificate #:				
ANGE C	CALLAWAY A					3ge 1 of 2	d	TFE731	-40BR-1B 30 On Aircra	•	
ANGE C		IRPORT				9 6e 1 o € 2				162075-1 S/ ft Reg: N877W	
ANGE C VIRPORT ANGE, (CALLAWAY A T PARKWAY GA, USA, 30	NIRPORT 1240	A/CAFI.	ENG 1 KRS	FNG 1 FNC		Work Ord	er#:	On Aircra	•	
LANGE C LIRPORT LANGE, (TALLAWAY A T PARKWAY GA, USA, 30	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	Work Ord			•	
LANGE C LIRPORT LANGE, (D	TALLAWAY A T PARKWAY GA, USA, 30 Mate	A/C HRS	A/CAFL 0		ENG 1 ENC		Work Ord	er#:	On Aircra	•	
D. D. Ta	CALLAWAY A T PARKWAY GA, USA, 30 late 021 ask No./Po	A/C HRS		Description		ENG 2 HRS 2963.3	Work Ord ENG 2 ENC 2953	er#; APU HRS	On Aircra	ft Reg: N877W	
D: CO-Sep-20	CALLAWAY AT PARKWAY GA, USA, 30 late 021 57110	A/C HRS 0 sition	0	Description NO. 2 ENGINE	- 150 TO 250 H	ENG 2 HRS 2963.3 R ROUTINE PER	Work Ord ENG 2 ENC 2953 IODIC INSP PER	APU HRS	APU Starts	ft Reg: N877W	
D: CTIFY TI	TALLAWAY AT PARKWAY GA, USA, 30 Rate 1021 157110 HAT THIS AT TOR RETURN	A/C HRS 0 sition	en inspected o	Description NO. 2 ENGINE	- 150 TO 250 H	ENG 2 HRS 2963.3 R ROUTINE PER	Work Ord ENG 2 ENC 2953 IODIC INSP PER	APU HRS MANUFACTUREF N REGULATION	On Aircra	ft Reg: N877W	

SERVICE RECORD ENTRY

StandardAero Bush Field Airport 1550 Hangar Road Augusta GA 30906-9684

FAA Repair Station No: GW4R221M

Telephone (706)771-5600 (706) 793-0469

CUSTOMER NAME: GEORGIA CROWN	Work Order Number: 362786	Date: 19/APR/2021
ENGINE serial Number: P-137180	ENGINE Time: 2745.7	ENGINE CYCLES: 2730

Performed logbook research and found that at this time, this engine qualifies for the first use of a 3500/7000 hour MPI/CZI interval in accordance with Honeywell maintenance manual 72-03-06 Rev. 13, TR 5-18. For subsequent use of the 3500 Hr MPI/7000 Hr CZI interval, the service bulletins in the final paragraph of temporary revision 5-18 will have to be complied with at the

Slealy AG 27 Date: 19/APR/2021 Signed: Jay Shealy StandardAero, CRS# GW4R221M, Augusta, Ga

For

SERVICE RECORD ENTRY

Georgia Crov	vn	Work Ord	er: 363356		Date: 04/June/2021
Serial Number: 496	Tail Number: N8	77W Model: I	Learjet 45	ACTT: 2.848.4	
Engine Position: 2	Engin	ne S/N: P-137180	Engine	TSN: 2,799.0	Engine Cycles: 2,799

- Complied with 150-250 Hour Inspection in accordance with Honeywell TFE731-60 LMM 72-03-06.
 - Analyze engine oil and filter. 0
 - Inspect chip detector for contamination.
- Complied with 500-650 Hour Inspection in accordance with Honeywell TFE731-60 LMM 72-03-06.
 - Chip detector.
 - Replace fuel filter element.
 - Inspect motive flow fuel pump drive spline. 0
- Complied with 500-850 Hour Inspection in accordance with Honeywell TFE731-60 LMM 72-03-06.
 - Inspect electrical wiring and connections.
 - Inspect plumbing lines and connections.
 - Inspect inlet/fan area. 0
 - Inspect tail-pipe and LPT3 rotor assembly.
- Complied with 1500-1650 Hour Inspection in accordance with Honeywell TFE731-60 LMM 72-03-06.
 - Carbon seal health check.
 - Inspect ignitor plug and leads.
- Accomplished engine run, performed vibration survey with all parameters within allowable limits, leak and ops check are satisfactory. All work done in accordance Honeywell TFE731-40 Light Maintenance Manual 72-06-12 Rev 13.
- Installed **new** starter cannon plug back-shell p/n 450DA001N08G IAW L75 AWD 20-20-01-201.

All maintenance performed on this aircraft/engine was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed. Details are on file under W/O# 363356. Date: 04/June/2021 Signed: Jonah Richie for

Standard Aero CRS No., GW4R221M Augusta, GA 30906

Georgia Crow	'n		Work Order	: 360266	Da	te: 27/October/2020	
Serial Number: 496	Tail Number: N	877W	Model: Lea	arjet 45	ACTT: 2,598.3	LNDS: 2,845	
Engine Position: 2	Engi	ine S/N: P-1	137180	Engine TSN: 2,548.9		Engine Cycles: 2,510	
Accomplished engine ridone in accordance Hor	un, performed vibra neywell TFE731-40	tion survey Light Mai	y with all paramet intenance Manual	ers within allo	wable limits, leak and of 13.	ps check are satisfactory.	

•	Accomplished engine run, performed vibration survey with all parameters within allowable limits, leak and ops check are satisfactory. All work done in accordance Honeywell TFE731-40 Light Maintenance Manual 72-06-12 Rev 13.

Federal Aviation Administration and is approved for return to service with respect to the work performed. Details are on file under W/O# 360266.

Signed: Jonah Richie Date: 27/October/2020

Standard Aero CRS No., GW4R221M Augusta, GA 30906

GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY LAGRANGE, GA, USA, 30240

Work Inspected By:

TFE731-40BR-1B 3062075-1 S/N: P-137180

MECHANIC AP3481311

On Aircraft Reg: N877W Serial: 45-496

			T	1		Work Ord	er #:		
Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	ADUG	
09-Mar-2021	0	0					Ar o mas	APU Starts	
					2668.6	2654			
No. Task No.	/Position		Description		·				
1 057110			NO. 2 ENGINE	- 150 TO 250 H	IR ROUTINE PER	IODIC INSP PER	MANUEACTURER	INSTRUCTIONS	
ERTIFY THAT TH	S AIRCRAFT HAS E	EEN INSPECTED	OD DEDATOED TAL	CCOPPANIE		TO ENDI TERM	THAT OF ACT DREEKS	INSTRUCTIONS	A
PROVED FOR RET	URN TO SERVICE.	Inol Ecilo	SK KLPAIRED IN	CCORDANCE W	ITH CURRENT FE	DERAL AVIATION	REGULATION 91	1.409 (F)(3) AND	
	Performed By:	M						()() /	

Certificate #:

Certificate #:

GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY LAGRANGE, GA, USA, 30240

Page 1 of 2

TFE731-40BR-1B 3062075-1 S/N: P-137180

On Aircraft Reg: N877W Serial: 45-496

	Date	A/C HRS	A/C AFL		T	T	Work O	der#:			75-496
	31-Aug-2020	0	0	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	T	T
No	D. Task No.,	/Position		Donn't II		2494.1	2449		APU Starts		
1				Description							
I CER	RTIFY THAT THIS	S AIRCRAFT HAS I	SFEN INCRECTED	NO. 2 ENGIN	E - DOWNLOAD	ENGINE (DEEC) (OMPLITED ECTA				
APPR	OVED FOR RETU	JRN TO SERVICE.	1 /	OF REPAIRED IN	ACEORDANCE W	ITH CURRENT FE	DERAL AVIATIO	n N regulation 91			
	Work F	Performed By:	,///	' '///	Z()		PLICIT MATALIO	N REGULATION 91	.409 (F)(3) AND		
		•	11/1	chel	Wal		rtificate #:				
			MICHAEL V	V. JOHNSON			tillette #:	AP3481311			
	Work Tr	nspected By:									
		specied by:				22					
						Cer	tificate #:				
N. E. H.			ON THE RESIDENCE OF THE PARTY O								
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The same of	3										
	<i>e</i> :-										
GEORG	SIA CROWN DIST	TRIBUTING CO.						TETTO			
LAGRAI	NGE CALLAWAY	AIRPORT						TFE731-4	10BR-1B 306	52075-1 S/I	N: P-137180
LAGRAI 203 AIF	NGE CALLAWAY RPORT PARKWA'	AIRPORT Y						TFE731-4			
LAGRAI 203 AIF	NGE CALLAWAY	AIRPORT Y					West Out				V: P-137180 Serial: 45-496
LAGRAI 203 AIF	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3	AIRPORT Y 80240	A/C AFI	ENG 1 Mpc			Work Orde				
LAGRAI 203 AIF LAGRAI	NGE CALLAWAY RPORT PARKWA NGE, GA, USA, 3 Date	AIRPORT Y 10240 A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	Work Orde				
LAGRAI 203 AIF LAGRAI	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date	AIRPORT Y 10240 A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC			r#:	On Aircraft		
LAGRAI 203 AIF LAGRAI 14-5 No.	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po	AIRPORT Y 10240 A/C HRS		Description		2506.4	ENG 2 ENC 2470	APU HRS	On Aircraft APU Starts		
LAGRAI 203 AIF LAGRAI 14-5 No.	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po	AIRPORT Y 10240 A/C HRS 0 psition	0	Description NO. 2 ENGINE	- 150 TO 250 HR	2506.4 ROUTINE PERIO	ENG 2 ENC 2470 DIC INSP PER M	APU HRS	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A	AIRPORT Y 10240 A/C HRS 0 Dittion	0	Description NO. 2 ENGINE	- 150 TO 250 HR	2506.4 ROUTINE PERIO	ENG 2 ENC 2470 DIC INSP PER M	APU HRS	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po	AIRPORT Y 10240 A/C HRS 0 Dittion	0	Description NO. 2 ENGINE	- 150 TO 250 HR	2506.4 ROUTINE PERIO	ENG 2 ENC 2470 DIC INSP PER M	APU HRS	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	PARE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A ZED FOR RETURN	AIRPORT Y 10240 A/C HRS 0 Dittion	0	Description NO. 2 ENGINE	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER MERAL AVIATION	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	PARE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A ZED FOR RETURN	AIRPORT Y 10240 A/C HRS 0 position AIRCRAFT HAS BEEN TO SERVICE.	0	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER M	APU HRS	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	PARE CALLAWAY RPORT PARKWA' NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A ZED FOR RETURN	AIRPORT Y 10240 A/C HRS 0 position AIRCRAFT HAS BEEN TO SERVICE.	O EN INSPECTED OF	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER MERAL AVIATION	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWAY NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A //ED FOR RETURN Work Pen	AIRPORT Y 10240 A/C HRS 0 position AIRCRAFT HAS BEEN TO SERVICE.	O EN INSPECTED OF	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER M ERAL AVIATION difficate #:	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWAY NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A //ED FOR RETURN Work Pen	AIRPORT Y 10240 A/C HRS 0 Distion AIRCRAFT HAS BEEN TO SERVICE.	O EN INSPECTED OF	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER MERAL AVIATION	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWAY NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A //ED FOR RETURN Work Pen	AIRPORT Y 10240 A/C HRS 0 Distion AIRCRAFT HAS BEEN TO SERVICE.	O EN INSPECTED OF	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER M ERAL AVIATION difficate #:	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		
LAGRAI 203 AII LAGRAI 14-5 No. 1	NGE CALLAWAY RPORT PARKWAY NGE, GA, USA, 3 Date Sep-2020 Task No./Po 057110 FY THAT THIS A //ED FOR RETURN Work Pen	AIRPORT Y 10240 A/C HRS 0 Distion AIRCRAFT HAS BEEN TO SERVICE.	O EN INSPECTED OF	Description NO. 2 ENGINE -	- 150 TO 250 HR	2506.4 ROUTINE PERIO CURRENT FEDI	ENG 2 ENC 2470 DIC INSP PER M ERAL AVIATION difficate #:	APU HRS IANUFACTURERS I REGULATION 91.4	On Aircraft APU Starts		

GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY LAGRANGE, GA, USA, 30240

Date

22-Feb-2020

A/C HRS

A/C AFL

TFE731-40BR-1B 3062075-1 S/N: P137180

APU Starts

On Aircraft Reg: N877W Serial: 45-496

Work Order #:

APU HRS

ENG 2 ENC

2242

No.	Task No./Posi	ition		Description							
1	793310			NO. 2 ENGINE - C	OIL FILTER BYPA	SS VALVE					
				Removed 3060782	2-2 S/N# K1800	5 From Aircraft	Reg: N877W Ser	ial: 45-496 Reaso	on Removed B-FAIL	URE	,
				Installed 3060782	2-2 S/N# 213859	On Aircraft Reg	: N877W Serial:	45-496 Installed F	Part Times TSN: 0 I	10S 0 HRS 0 I	ENC
	VED FOR RETURN		INSPECTED OR F	REPAIRED IN ACCO	ORDANCE WITH	1	RAL AVIATION RE	EGULATION 91.40 AP3481311	9 (F)(3) AND		
	Work Insp	pected By:	MICHAEL W. J	JOHNSON (Certi	ficate #:	-			
alasta a											
	DRGIA CROWN DIS							TFE731	l-40BR-1B 30	62075-1	S/N: P137180
LAG 203	GRANGE CALLAWAY	Y AIRPORT AY						TFE731			S/N: P137180
LAG 203	GRANGE CALLAWA	Y AIRPORT AY									S/N: P137180 W Serial: 45-496
LAG 203	GRANGE CALLAWA AIRPORT PARKWA GRANGE, GA, USA,	Y AIRPORT AY 30240	T				Work Ord				
LAG 203 LAG	GRANGE CALLAWA' AIRPORT PARKWA' RANGE, GA, USA, Date	Y AIRPORT AY 30240 A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	Work Ord ENG 2 ENC				
LAG 203 LAG	GRANGE CALLAWA' AIRPORT PARKW, RANGE, GA, USA, Date 05-Mar-2020	Y AIRPORT AY 30240 A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS 2335.9		er #:	On Aircraft		
LAG 203 LAG	GRANGE CALLAWA' AIRPORT PARKWA RANGE, GA, USA, Date 05-Mar-2020	Y AIRPORT AY 30240 A/C HRS		ENG 1 HRS Description	ENG 1 ENC		ENG 2 ENC	er #:	On Aircraft		
LAG 203 LAGI	Date 05-Mar-2020 0. Task No./F	Y AIRPORT AY 30240 A/C HRS 0 Position	0	Description NO. 2 ENGINE	E - 150 TO 250 H	2335.9	ENG 2 ENC 2259	APU HRS	On Aircraft APU Starts		
LAG 203 LAGI	Date 05-Mar-2020 0. Task No./F 057110 RTIFY THAT THIS	Y AIRPORT AY 30240 A/C HRS 0 Position	0 DEEN INSPECTED O	Description	E - 150 TO 250 H	2335,9 R ROUTINE PER	ENG 2 ENC 2259	APU HRS	On Aircraft APU Starts		

ENG 1 ENC

ENG 1 HRS

ENG 2 HRS

2313.2

GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

GRANGE, GA, L	15A, 30240					Work Orde	er #:		
Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
23-Aug-2019	2185.7	2101			2136.3	2057			
No. Task N	o./Position		Description						
1 057110			NO. 2 ENGINE	E - 150 TO 250 F	IR ROUTINE PER	IODIC INSP PER I	MANUFACTURERS	SINSTRUCTIONS	
PPROVED FOR F	THIS AIRCRAFT HAS I LETURN TO SERVICE. IRK Performed By:	M	OR REPAIRED IN A	ACCORDANCE W		EDERAL AVIATION	AP3481311	1.409 (F)(3) AND	
Wo	rk Inspected By:				c	ertificate #:			

SERVICE RECORD ENTRY

Georgia Cro	wn	Work Ord	er: 353460		Date:	13/February/2020
Serial Number: 496	Tail Number: N87	7W Model: I	earjet 75	ACT	T: 2.342.1	LNDS: 2,277
Engine Position: 2	Engine	S/N: P-137180	Fugine	TSN: 2,292.		Engine Cycles: 2,233

- Complied with 500 to 650 Hour Inspection in accordance with Honeywell TFE731-40 Light Maintenance Manual 72-00-00.
 - 730120 Replace fuel filter element.
 - 732120 Inspect motive flow fuel pump drive spline.
 - 790150 Inspect chip detector for contamination and perform resistance check.
- Complied with 1,000 to 1,300 Hour Inspection in accordance with Honeywell TFE731-40 Light Maintenance Manual 72-00-00.
 - 727010 Inspect bypass stator vane assembly.
 - 0 790140 - Perform oil change.
 - 793315 Check oil filter bypass valve circuit/thermal lockout switch.
- Accomplished required operational and leak checks in accordance with Honeywell TFE731-40 Light Maintenance Manual.

All maintenance performed Federal Aviation Administra	l on this aircraft/engine was	performed in accordance wi	th current regulations	of th
Details are on file under W	/O# <u>353460.</u>	eturn to service with respect	to the work performed.	
Date: 13/February/2020	Signed: Jonah Richie	In thise	79	_ for
	StandardAn	- CDCN CWITTE		

tandard Aero CRS No., GW4R221M Augusta, GA 30906

Task No./Position

A/C HRS

1850.3

A/C AFL

1764

ENG 1 HRS

Description

ENG 1 ENC

ENG 2 HRS

1800.9

Date

03-Dec-2018

No.

TFE731-40BR-1B 3062075-1 S/N: P137180

APU Starts

Work Order #:

APU HRS

ENG 2 ENC

1720

On Aircraft Reg: N877W Serial: 45-496

1	793310			NO. 2 ENGINE	OIL FILTER BY	PASS VALVE					
	Removed PN3060782-2 S/N# F15932 From Aircraft Reg: N877W Serial: 45-496 Reason Removed B-FAILURE Installed 3060782-2 S/N# K18005 On Aircraft Reg: N877W Serial: 45-496 Installed Part Times TSN: 0 MOS 0 HRS 0 ENC										
70.00				Installed 30607	82-2 S/N# K180	005 On Aircraft R	eg: N877W Seria	al: 45-496 Installe	d Part Times TSN:	0 MOS 0 HRS 0 I	ENC
	TIFY THAT THIS RN TO SERVICE		N REPAIRED IN	ACCORDANCE WITH	H HONEYWELL	TFE731-40L MAIN	ITENANCE MANU	AL AND IS APPRO	VED FOR		
	Work I	Performed By:	MICHAE	ichal LW. JOHNSON	01_		ertificate #:	AP3481311			
			PICIAL	L W. JOHNSON							
	rgia Crown i Range Callaw	DISTRIBUTING CO.						TFE73	1-40BR-1B 30	062075-1 S/	N: P137180
	AIRPORT PARK								On Aircraf	t Reg: N877W	Serial: 45-496
LAG	RANGE, GA, US	A, 30240					Work Ore	lar #:			
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
	01-Apr-2019	0	0			1940.9	1850				
No	o. Task No.	/Position		Description	1				·		-
1	NO. 2 ENGINE - 150 TO 250 HR ROUTINE PERIODIC INSP PER MANUFACTURERS INSTRUCTIONS										
CE	CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F)(3) AND										
PF	PROVED FOR RETURN TO SERVICE										
	Worl	c Performed By:	dia.	AEL W. JOHNSON	1 /0	_	Certificate #:	AP34813	11		
			MICH	CEL W. JOHNSON							
CEORG	TA CROWN DIS	TRIBUTING CO.						TFE731-	40BR-1B 306	2075-1 S/N	l: P137180
LAGRA	NGE CALLAWAY	AIRPORT							On Aircraft	Reg: N877W Se	erial: 45-496
203 AIF	RPORT PARKWA NGE, GA, USA, :	NY 30240									
LAGICA	IGE, GI Y		Т			Т	Work Orde	r#:			
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
03-	May-2019	0	0			1991.8	1900				
No.	Task No./P	osition		Description							
1	057140		and the same of the same of the same						RS INSTRUCTIONS		
I CERT	IFY THAT THIS	AIRCRAFT HAS BE RN TO SERVICE	EN INSPECTED O	OR REPAIRED IN AC	CORDANCE WI	TH CURRENT FE	DERAL AVIATION	REGULATION 91	.409 (F)(3) AND		
,,,,,,,		erformed By:	MICHAEL	V. JOHNSON	lanc	Ce	rtificate #:	AP3481311			
	Mork T	nspected By:	FIICHALL V	JOHNSON /		Ce	rtificate #:				
	MOLK T										

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

Work Order #:

		.,									
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
03-0	ec-2018	1850.3	1764			1800.9	1720				
No.	Task No./	Position		Description	·	<u>.</u>	· · · · · · · · · · · · · · · · · · ·			··	
1	057110	NO. 2 ENGINE - 150 TO 250 HR ROUTINE PERIODIC INSP PER MANUFACTURERS INSTRUCTIONS									
2	057130		NO. 2 ENGINE - 500 TO 650 HR ROUTINE PERIODIC INSP PER MANUFACTURERS INSTRUCTIONS								

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

	ac, an, osn,						Work Orde	er#:			
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
25-Jı	ıl-2018	1684.8	1599			1635.4	1555				
No.	Task No./	Position		Description							
1	057110			NO. 2 ENGINE	- 150 TO 250 H	IR ROUTINE PER	IODIC INSP PER I	MANUFACTURERS	INSTRUCTIONS		
	ANCE WITH	IS ENGINE HAS BE THE HONEYWELL Performed By:	TFE 731-40L ENG				EDURES FOR 150	AP3481311	ECTION IN		
	Work	Inspected By:				c	ertificate #:			-	

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

	GE, GN, GSN,						Work Orde	er #:		
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
04-M	ay-2018	1560.6	1478			1511.2	1434			
No.	Task No./	Position		Description						
1	057110			NO. 2 ENGINE INSTRUCTION		0 TO 250 HR RO	UTINE PERIODIC	INSP PER MANU	FACTURERS	
	ANCE WITH	IS ENGINE HAS BE THE TFE 731-40L Performed By:		0 0 1	TH THE INSPEC		EDURES FOR 150	0/250 HOUR INSP AP3481311	ECTION IN	
	Work !	Inspected By:	MICHAEL	W. JOHNSON	J		ertificate #:			

GEORGIA CROWN DISTRIBUTING CO. 5290 ARMOUR ROAD COLUMBUS, GA, USA, 31909

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

Work Order #:

(Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
30-N	ov-2017	1402.6	1341			1353.2	1297			
No.	Task No.	/Position		Description						
1	057110			NO. 2 ENGINE	- PERFORM 15	0 TO 250 HR RC	UTINE PERIODIC	INSP PER MANU	FACTURERS	

NO. 2 ENGINE - PERFORM 150 TO 250 HR ROUTINE PERIODIC INSP PER MANUFACTURERS
INSTRUCTIONS

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND
APPROVED FOR RETURN TO SERVICE

Work Performed By:

Work Inspected By:

Certificate #:

Certificate #:

GEORGIA CROWN DISTRIBUTING CO. 5290 ARMOUR ROAD COLUMBUS, GA, USA, 31909

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

	Work Orde	er#:		
RS	ENG 2 ENC	APU HRS	APU Starts	
	70.0			

	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts			
04-	Aug-2017	1274.4	1219			1225	1175					
No.	Task No./F	Position		Description					<u> </u>			
1	1 72-AS-720010 NO. 2 ENGINE - ANALYSIS OIL AND FILTER (BASELINE/SPECIAL REQUIREMENT)											
I CERT	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH INSPECTION AND PROCEDURES FOR INSPECTION UNDER Work Performed By: Certificate #: AP3481311											
		nspected By:	MICHAEL	W. JOHNSON			ertificate #:					

ENGINE							RECORD		PAGE					
MODULE	30 July 10 Jul						F INSPECTIONS, REPAIR							
SERIAL N	IUMBER_				_ ENDC	RSE ALL INS	PECTIONS AND REPAIRS	WITH NAME, RATING AND CER	TIFICATE NUMBER.					
	HOURS				SER	VICE F	RECORD ENTR	Y						
DATE	HOURS	Lear	orgia Crown rjet 45 (75), S	S/N: 496, N8	377W	Work C	Order Number: 336874	Date: July 26, 2017 ACTT: 1,242.7 LDGS:	1,201					
	FLIGHT	Eng	Engine Serial Number: P-13718 Position: R/H			Eng	gine Time: 1,193.3	Engine Cycles: 1,157						
		Acco	mplished all r tenance Manu	necessary grou al and Learje	und checks a et 45 Mainte	Learjet 45 (75), N877W, S/N: 496 with total time of 1,242.7 Hours and 1,201 Landings. checks and adjustments in accordance with the Honeywell TFE 731-20/-40/-50/-60 Light Maintenance Manual. Serviced Engine with Mobil 254 oil.								
			1	Note: Oil and	d Filter ana	lysis due after	initial 25 Hours of Engine Op	eration.						
			All maintenance performed on this aircraft / engine was performed in accordance with current regulations of the											
	Federal Aviation Administration and is approved for return to service with respect to the work performed. Details are on file under W/O# 336874.													
	Date: July 26, 2017 Signed: Stephen E. Cline Tyl Cline 30 for													
	StandardAero CRS No., GW4R221M Augusta, GA 30906													
									-					
					ě									
								TOTALS TO DATE						

TEST IDENTIFICATION

FE731-40BR-1B

S/N: 137180

Work order number: 336035

Test date: 07/10/2017 RED Version: 6.40 Test time: 16:03:05 PGM Version: 6.77

Reduced date: 07/10/2017

Reduced time: 16:24:15

Reason for test: Unscheduled Core Entry

Cycles since new: 1157

Time since new: 1193.3 Build/Run: 1/2

EEC/DEEC SG:

Customer: GEORGIA CROWN

Aircraft S/N: Unk Engine location: 1

Aircraft model: Lear 75 Test Cell Code: GASAGS

Data entered by: AGS

Data recorded by: 004117

Comments:

Test Cell Acquired Data

Takeoff Rating Margins

		at T/O Thrus	st	т/С	N1	
TAMB -	°F		103.0			103.0
Thrust - N1 -	LB force RPM		3850			19308
Fn Margin -	LB force	0 @	0	21		3878
T45 Margin -	۰F	100 @	1779	94	@	1779
	RPM	243 @	19458	150	@	19458
N1 Margin - N2 Margin -	RPM	0 @	0	1039	@	31485

APR Rating Margins

		A.C.	16 1606-11-2			
		· at APR T/O Fn		APF	at T/ON	1
TAMB -	°F		112.0			112.0
Thrust - N1 -	LB force RPM		3850			19461
Fn Margin -	LB force	0 @	3850	21	@	3878
T45 Margin -	۰F	107 @	1819	100	@	1819
	RPM	245 @	19611	150	@	19611
N1 Margin - N2 Margin -	RPM	0 @	0	1121	@	31800

Atmospheric Conditions

Average Ambient T1 = 85.7 °F

Average Ambient Pressure = 14.67 psia

Average Relative Humidity = 70.29 %

N1 Compensation Value = 4.0 (150 RPM)

CERT. SHEETS P-137180

> W/O # 336035 July 3, 2017

StandardAero CRS# GW4R221M

ı	
	ENG
	MOD
	SERI



Bush Field Airport 1550 Hangar Road Augusta, GA 30906-9684 FAA Repair Station # GW4R221M Telephone: (706) 771-5600 Fax: (706) 793-0469

UMBER.	
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DAT

Customer: GEORGIA CROWN Work Order Number: 336035 Date: July 3, 2017

Engine S/N: P-137180 Engine Time: 1193.3 Engine Cycles: 1157

Disassembled Engine as Necessary for Repair for Bad SOAP. Installed the Following Parts:

Part Nomenclature	Part Number	Part Serial Number	Quantity	Condition
FAN STATOR VANE ASSEMBLY	70060130-1	17P92287	1	NEW
PLANETARY CARRIER	3060121-8		1	NEW
CARBON SEAL #3	3060150-3	15-169020-02100	1	NEW
CARBON SEAL #1	3060457-1	17-152826-47223	1	NEW
CARBON SEAL #4	3060437-1	17-152826-49175	1	NEW
#5 BEARING	3075016-1	17-151725-00436	1	NEW
CARBON SEAL #5	3060436-1	17-152826-48948	1	NEW
HPT SEAL RING	3073609-5		1	NEW
IGNITER PLUG	3074541-4		2	NEW
IGNITER LEAD	3060722-12	S16320065	1	NEW
A/G/B BEARING - ALTERNATOR FWD	3072883-1	14-162111-06754	1	NEW
OIL TEMP CONTROL VALVE	158465-6	14317	1	NEW
ALTERNATOR CARBON SEAL	3075818-1	17-152826-44949	1	NEW

- HPT nozzle AE: 12.442
- Accomplished 150-250, 300-440, 500-650, 500-850, 1000-1300, 1500-1650 HR Periodic Routine Inspections.
- See Appropriate Section of Logbook for Service Bulletin addressed this event.
- Reassembled Engine Using New Consumables. Accomplished Engine Certification Test Cell Run, Vibration Survey.
 Leak Check, and Ops Check. All work Accomplished I/A/W TFE731-40 LMM 72-03-06 Rev. 12 and HMM 72-03-07 Rev. 11.

NOTE: S.O.A.P. SAMPLE DUE IN 25 HOURS.

This aircraft or component has been inspected and work described above found airworthy

for return to service.

DATE: 03/JUL/2017, SIGNED: Peter Weitz

Standard Aero; Augusta, GA Repair Station GW4R221M

TIONS

ENGINE [7				SER	NICE E	RECORD					PAGE
MODULE							INSPECTIONS	S REPA	AIRS AND (OVERHAI	III S	PAGE
SERIAL N	UMBER_	34			1							FICATE NUMBER.
			۸۵	CHMIII AT		E TOTALS						
		CYCLES		JRS		CYCLES						
DATE	THIS FLIGHT	THIS FLIGHT	SINCE	SINCE	SINCE	SINCE	1	DESCF	RIPTION	OF WOR	K PERFORMI	ED
	FLIGHT	FLIGHT	NEW	O/H	NEW	O/H						
		31137										
						ld Airport			Station # G		Ţ	9
	Sta	andard	I Aero			ngar Road GA 30906-9			706) 771-56 93-0469	500		
												¥
	Γ	Georg	gia Crown Dist	ributing Co.		Work Order: 336035 Date: June 8, 20					8, 2017	1
		Serial Num	ber: 45-496	Tail Nur	nber: N877W	er: N877W Model: Learjet 45 ACTT: 1,193.3					LNDS: 1,157	1 —
		Engir	ne Position: 2		Engine S/	N: P-137180	7180 Engine TSN: 1,193.3 Engine Cycles: 1,157]
		Removed thi	s engine from	the R/H nosi	tion of Leari	et 45 N877W	S/N: 496 with total	time of 1	193 3Hours	and 1 157 I	andings due to	
	-	metal in oil.	All work per	formed in acco	ordance with	Honeywell TFI	E 731-40 Light Main	tenance N	Aanual and Le	earjet 45 Ma	aintenance Manual	l
		All maintena	nce performed	on this aircra	ft was perforn	ned in accordar	ice with current regu	lations of	the Federal A	viation Adm	ninistration and is	
							tails are on file under					-
		Da	te: <u>June 8, 201</u>	<u>7</u> , Signed:	Tee	O DX	reduce	Paul D F	rederick 55	_for		
				Star	dardAero C	RS#: GW4R22	M, Augusta, GA.309	006				
		8.										
									TOTA	ALS TO I	DATE	



Georgia Crown Aviation Department

5290 Amour Road Columbus Georgia 31909

TFE731-40BR-1B

Engine 2 Part Number: 3062075-1

Serial Number: 137180

TTSN: 497.80

TCSN: 489

Date: December 14, 2015

Completed 150/250 Hour Engine Routine Periodic Inspection per Honeywell

TFE731-40 LMM.

> Completed Oil and Filter (SOAP) Inspection

> Inspected Chip Detector for Contamination

I certify this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3) and approved for return to service.

Michael W. Johnson

Georgia Crown Aviation Department

Aviation Maintenance Technician



Georgia Crown Aviation Department

201 Airport Parkway LaGrange Georgia 30240

Part Number 3062075-1 Model TFE731-40BR-1B Engine TTSN: 614.0

Serial number P137180 Engine TCSN: 600

Date: March 5, 2016

Completed the following tasks:

1. 057110

Number 2 Engine 150-250 Routine Periodic Inspection

> 790130

Oil Analysis and Filter

> 790160

Inspect Chip Detector for Contamination

2. 057130

Number 2 Engine 500-650 Routine Periodic Inspection

> 730120

Replace Fuel Filter

> 732120

Inspect Motive Flow Fuel Pump Drive Spline

> 790150

Inspection Chip Detector for Contamination

I certify that this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3). All test operational tests were performed in accordance with the manufacturer's engine maintenance manual or component maintenance manual. This aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician



Lear 75 N877W 45-496

Georgia Crown Aviation Department

201 Airport Parkway LaGrange, Georgia 31909

Aircraft TTSN: 801.5

Aircraft TCSN: 803

Engine 2 Part Number: 3062075-1 Engine 2 Model: TFE731-40BR-1B Engine 2 Serial Number: P137180

Engine TTSN: 801.5 Engine TCSN: 803 Date: July 7, 2016

Completed the following tasks:

1.	057110	150-250 Hour Routine Periodic Inspection
2.	057140	500-850 Hour Routine Periodic Inspection
3.	710130	Inspect Tail Pipe/LPT3 Rotor
4.	710140	Inspect Inlet/Fan for FOD Damage
5.	714010	Inspect Electrical Wires and Connections
6.	761330A	DEEC Download

I certify that this engine has been inspected in accordance with current Federal Aviation Regulation Part 91.409 (F) (3) and current aircraft and engine manufacturer's maintenance manuals. All functional and operational checks were satisfactory and this aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician



Bush Field Airport 1550 Hangar Road Augusta, GA 30906-9684 FAA Repair Station # GW4R221M Telephone: (706) 771-5600 Fax: (706) 793-0469

Georgia Crown Distri	buting Co.	Work Order: 327791			Date: July 16, 2016	
Serial Number: 45-496 Tail Number: N		877W Model: Le	arjet 45 / 75	ACTT: 809.9 LNDS: 8		
Engine Position: 2	Engi	ine S/N: P-137180	Engine '	TSN: 809.9	Engine Cycles: 812	

- Dynamically Balanced Fan Assembly to .07 IPS. All work done IAW TFE 731-20/- 40/-50/-60 LMM 72-03-06 Rev. 12
- Painted Fan Hub and Fan Blades in accordance with Honeywell TFE 731-20/- 40/-50/-60 Light Maintenance Manual 72-03-06 Rev. 12.
- Accomplished Vibration Survey in accordance with Honeywell TFE 731-20/- 40/-50/-60 Light Maintenance Manual 72-03-06 Rev. 12. All Parameters found to be within limits. Results on file.

All maintenance performed on this aircraft was performed in accordance with current regulations of the
Enderal Aviation Administration and is approved for return to service with respect to the work performed.

Details are on file under W/O# 327791.

Date: July 16, 2016, Signed: Brian J. Zicari

AG 50 for

StandardAero CRS#: GW4R221M, Augusta, GA.30906



Georgia Crown Aviation Department

201 Airport Parkway LaGrange Georgia 30240

Part Number 3062075-1

Model TFE731-40BR-1B

Serial number P137180

Engine TTSN: 907.7

Engine TCSN: 906

Date: October 12, 2016

0157110

Engine 2150/250 Routine Inspection

790130

Oil and Filter SOAP

790160

Inspect Chip Detector

I certify that this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3). All test operational tests were performed in accordance with the manufacturer's engine maintenance manual or component maintenance manual. This aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician



45-496

Georgia Crown Aviation Department

201 Airport Parkway LaGrange Georgia 30240

Part Number 3062075-1 Model TFE731-40BR-1B Engine TTSN: 1074.3

Serial number P137180 Engine TCSN: 1046

Date: 2.21.2017

2. 057110

NO. 2 ENGINE - PERFORM 150 TO 250 HR ROUTINE PERIODIC INSP

PER MANUFACTURERS INSTRUCTIONS

I certify that this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3). All test operational tests were performed in accordance with the manufacturer's engine maintenance manual or component maintenance manual. This aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician



Lear 75 N877W 45-496

Georgia Crown Aviation Department

201 Airport Parkway LaGrange, Georgia 31909

Aircraft TTSN: 1186.9

Aircraft TCSN: 1148

Engine 2 Part Number: 3062075-1 Engine 2 Model: TFE731-40BR-1B Engine 2Serial Number: P137180

Engine TTSN: 1186.9 Engine TCSN: 1148 Date: June 1, 2017

Completed the following tasks:

1. 731001 NO. 2 ENGINE - MOTIVE FLOW FUEL PUMP ASSEMBLY

Removed 70060003-1 S/N# 13-30003-0097 Installed 70060003-1 S/N# 12-30003-00010

2. Engine 2 Alternator Air/Oil Seal

Removed part number 3075815-1

sn 12-152826-19908

Installed new part number 3075815-1

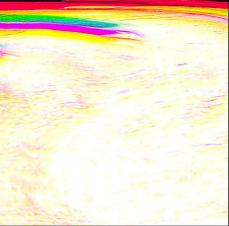
Sn 17-152826-46017

I certify that this engine has been inspected in accordance with current Federal Aviation Regulation Part 91.409 (F) (3) and current aircraft and engine manufacturer's maintenance manuals. All functional and operational checks were satisfactory and this aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician

NGINE LA				TIONS, REPAIRS AND OVERHAULS NS AND REPAIRS WITH NAME, RATING AND CERTIF	PAGE
DATE	HOURS THIS FLIGHT	CY T FL			RMED
			N877W RB-107	Georgia Crown Aviation Department 5290 Amour Road Columbus Georgia 31909	D
			TFE731-40BR-1B		
			Engine 2 Part Number: 3062075-1	Serial Number: 137180	
			TTSN: 293.9	TCSN: 300	
-			Date: July 20, 2015		
			Completed 150/250 Hour Engine Routine	Periodic Inspection per Honeywell	8
			TFE731-40 LMM.		
L	-11		Completed Oil and Filter (SOZ	AP) Inspection	
			Inspected Chip Detector for C		
			I certify this engine has been inspected or Regulation Part 91.409 (F) (3) and approx	repaired in accordance with current Federal Aviation ved for return to service.	
			Michael W Oolin		
			Michael W. Johnson		
			Georgia Crown Aviation Department		
			Aviation Maintenance Technician		
			Airframe and Powerplant License Number	: 3481311	
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NGINE LA ODULE E ERIAL NUM			SERVICE RECORL DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUM					
DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS					
			RB-107 Georgia Crown Aviation Department 5290 Amour Road Columbus Georgia 31909 TFE731-40BR-1B					
			Engine 2 Part Number: 3062075-1 Serial Number: 137180					
			TTSN: 162.5 TCSN: 158					
			Date: March 26, 2015					
			Completed 150/250 Hour Engine Routine Periodic Inspection per Honeywell					
	$\neg +$		TFE731-40 LMM.					
			Completed Oil and Filter (SOAP) Inspection					
			Inspected Chip Detector for Contamination					
			I certify this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3) and approved for return to service.					
- 4			Michael W. Johnson					
			Georgia Crown Aviation Department					
			Aviation Maintenance Technician					
			Airframe and Powerplant License Number: 3481311					

NGINE LA	MBER		lo	ESCRIPT	CE RE	SPECTIONS,	REPAIRS AND D REPAIRS WIT	PAGE AND OVERHAULS S WITH NAME, RATING AND CERTIFICATE NUMBER			
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	Stand	dardA	ero	1	ush Field A 550 Hanga ugusta, GA		Telepho	pair Station # GW4R221M one: (706) 771-5600 06) 793-0469			
_	Customer: Learjet 75	Georgia Cr s/n 45-496	own Distribu	ıting Co.	Work Ord	er Number: 3	13564, 313565	Date: December 12, 2014			
	Engine S/N: P-137180 Right Engine				Engine Tir	ne: 51.6		Engine Cycles: 54			
	Acc All mainter	nance perfe tion and is	ownload of eng	his engin for retur	e was perf n to serv ic	formed in acceeding with respect	cordance with	current regulations of the Federal Aviation performed under WO# 313564, 313565. Paul D Frederick 55 for			
		Stan	dardAero	CRS# G	W4R221M	, Augusta, G	A. 30906				

ENGINE AND MODULE SERIAL NUM	BER	DESCRIPT	CE RECORL TION OF INSPECTIONS A	S, REPAIRS AND OVERHAULS AND REPAIRS WITH NAME, RATING AN	PAGE
DATE	HOURS THIS FLIGHT	N877W RB-107 TFE731-40BR-1B Engine 2 Part Number: TTSN: 40.8 Date: December 9, 20 1. Performed recommen run. Service engine wi I certify this engine has bee Regulation Part 91 409 (F) Michael W. Johnson Georgia Crown Aviation De Aviation Maintenance Tech	Georgia 3062075-1 14 14 14 16ded 25 Hour SOAP sar ith Mobil 254. 29 en inspected or repaire (3) and approved for the company of the com	Crown Aviation Department 5290 Amour Road Columbus Georgia 31909 Serial Number: 137180 TCSN: 47 mple per Honeywell LMM. No leaks noted the accordance with current Federal Avreturn to service.	DRMED RD d on engine
	1				
				TOTALS	TO DATE

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		TTSI	N: 28.6				TCSN: 38	
- 4		Date	: December 4	, 2014				
100		Upda	ited accessor	y card for DE	EC part nun	nber 2118882-8	8001 serial number 93-BP0058	126
No.		to ref	flect removal	from engine	serial P1371	180 and installa	tion on engine serial number P137179.	
		I certify to Part 91.4	his engine h	nas been ins nd approve	spected or i d for return	repaired in ac to service.	cordance with current Federal Aviation Regulation	
		Mu	hall	John				
			I. Johnson	/				
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BOMBARDIER the evolution of mobility

Learjet Inc.
Wichita Service Center
Bldg 7, Dock 10, 8220 W. Harry
Wichita, KS 67209-2924
1-316-946-2000
FAA/CRS # LK2R981K

Non-Routine Aircraft/Component Service Order

Page of

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ENGINE MODULE				DESCRIPT	ICE RE	PAGE	
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,	BO <i>AE</i>	MBARI ROSPAC	DIER _{EN} E cre	NG: P137	7180 PO	S: R/H	CSN: 37 TSN: 29.7 LEARJET INC.
·	Re	placed DEE	C p/n 21188	882-8001 s/n	ı 103-BP006	ól with serv	iceable unit p/n 2118882-8001 s/n 98- 496 for flight evaluation.
	Co	mplied with	trim check.	, Leak check	k and ground	FT OK.	not swapped in engine log books.
	тне	ENGINE IDE	NTIFIED ABO	OVE WAS REP	AIRED AND	INSPECTED 1	IN ACCORDANCE WITH CURRENT REGULATIONS HE WORK PERFORMED. PERTINENT DETAILS OF
	THE	REPAIRS ARE	ON FILE A	T THIS FACI	LITY UNDER	WORK ORDER	NO.: 175733 DATE: December 3, 2014. LEARJET INC. CRS# LK2R981K
		ATURE					MARGET INC. CIGW ENERSOIN
	- '*						
							TOTALS TO DATE

137180 Serial:

VERNON DREHER

LEAR JET 8220 W HARRY WICHITA.KS United States-67209

SPECTROMETRIC OIL ANALYSIS PROGRAM

Honeywell Engines & ems Honevwell United States-85034

Reviewed by: Clark Rodgers, Honeywell Engr

ENGINE MODEL: TFE731-40BR-1B

AIRCRAFT TYPE: 45 AIRCRAFT SERIAL: 496

OIL TYPE: MOBIL JET OIL 254

SERVICE CONTRACT#:

CONTACT PHONE: 316-946-3094 CONTACT EMAIL: vernon.dreher@aero.bombardier.com

For Honeywell

REPORT DATE: 12/04/2014

FAX NUMBER: 316-946-2246

LAB DATE 12/04/2014 SAMPLE DATE 11/22/2014 RESP EMP Rick Fenton TSN 6 TSO 0 CYCLES 0

CURRENT SEND IN ANOTHER SAMPLE IN 25 HOURS (+/- 20%) AND CONTINUE FLIGHTS; RESAMPLE RESULTS MAY DICTATE MORE ACTION. ***FILTER RESULTS*** ANALYSIS PER WORK INSTRUCTIONS MLTC WI 1440. ST ST CB ST AL ST M50 COPR SILV MAGN ALUM GRIT MISC AMT TR TR TR MA TYPE FORM LAB CODE : K SAMPLE NUMBER : 18 CONTACT CODE : LEARY

CU TAN OIL AND FILTER ANALYSIS FINDINGS.

OIL BESULTS

NI

WATER

ANALYSIS PER WORK INSTRUCTIONS MLTC WI 1437. AG MG BE PB VISCOSITY RULER **FLASHPOINT**

FILTER MG OVER MAXIMUM

RECOMMEND Re-Sample Continue

OIL HOURS 6

FILTER WEIGHT 19 MGS

FILTER HOURS 6

MAINT PERFORMED: LAB COMMENTS:

ENGINE X MODULE SERIAL NUMBER P137180				SERVICE RECORL DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER					
SERIAL NUM	BEK 1	5//0							
HOURS		CYCLES		CCUMULATIVE TOTALS					
DATE	THIS	THIS	НО	URS	CYCLES		DESCRIPTION OF WORK PERFORMED		
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22 11 12 14			5.9	/	15		TOTALS BROUGHT FORWARD		
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· ,									
							TOTALS TO DATE		

Honeywell

TRACKING NO:	002B	FSE WORK INSTRUCTION NUMBER:	731-40-P14-002B

DESCRIPTION OF WORK: Reason for revision – correct blade retainer part number, change recording of blade machining lot numbers to optional and add requirement for LPT2 rotor life limit card entry.

Disassemble engine to remove the LPT2 rotor assembly for inspection.

Please record each of the 52 blade casting lot numbers on the sheet provided and forward the information to engineering: anthony.dangelo@honeywell.com.

Recording the machining lot number of the blades is desirable but not required.

REFERENCED DOCUMENTS

DOCUMENT NUMBER	REV.	TITLE
3060608-5		LPT2 ROTOR ASSEMBLY

REQUIRED PARTS / MATERIAL

PART NUMBER	QTY QTY REM. INST.	F/N	SERIAL NUMBER	NOMENCLATURE
3061829-1	AR			Blade Retainer
PCS5720	AR			Compound
73563-21	1			T-Lock, Turbine
PCS5723	AR			Compound
73563-10	1			T-Lock, Turbine monopole sensor
3060642-1	1			Gasket, Aft Bearing Cover
	AR			Scotch tape
M83248/1-012	1			Packing
651-534-9612	1			E-Seal, Turbine
M83248/1-013	2			Packing
M83248/1-011	2			Packing
Engine Serial Number			LPT2 Rotor Serial Number	
P137180	1		12-156103-00730	
P137180	1		12-156103-00810	

AFFECTED ENGINE **SERIAL NUMBERS:**

P137149, P137150, P137159, P137160, P137171, P137172, P137173, P137174, P137175, P137176, P137177, P137178, P137179, P137180, P137181, P137182, P137183, P137184, P137185, P137186, P137187, P137188, P137189, P137190, P137191, P137192, P137193, P137194

Honeywell

TRACKING NO: 002B FSE WORK INSTRUCTION NUMBER: 731-40-P14-002B

COMMENTS: Activity is to access the LPT2 rotor assembly and inspect the LPT2 blades. Also, record the casting lot numbers (machining lot numbers optional) on pages 4 and 5 of this instruction. The location of the lot numbers is shown in the detailed instructions attached.

Rotor assemblies shall have each of the 52 blades inspected by eddy current. As an option, the rotor assembly may be returned to Honeywell for inspection. Replacement rotor assemblies will have eddy current inspection stamps on each blade (see detailed instructions).

Any blades that fail eddy current inspection must be replaced with a blade with an eddy current inspection stamp, or, perform the eddy current inspection on any blade that does not contain the stamp.

Please return blades that fail eddy current inspection to Honeywell at the following address:

Honeywell Aerospace 3131 East Airlane Phoenix, AZ 85034 Attn: NDE Engineering MS 403-NDT

All LPT2 rotor assemblies shall be returned to:

Honeywell Engines
RHAC TEAM PLANT 1015
111 South 34TH Street
Phoenix, AZ. 85072

	Signature	Date
FSE Work Instruction Approved by:	Tony D'Angelo Digitally signed by You Obt. cnaTony, 0, ou. email=anthony.dangelo Date: 2014.06.26 06.50,	o@honeywell.com, c=US
Work Completed by (HON Representative):	Jim Bearly HOW-FSE	11-13-14 🛞
Work Accepted by (Honeywell FSE):	Jun Boarly HON-FSE	11-13-14
Field Service Report (FSR) Number:	, and	

Honeywell

TRACKING NO: 002B	FSE WORK INSTRUCTION NUMBER:	731-40-P14-002B

GENERAL:

This instruction is required to remove the LPT2 rotor assembly for inspection. Detailed instructions are attached for engine disassembly, inspection and reassembly.

Engine log book and LPT2 life limit card entries will be required.

DETAILED INSTRUCTIONS:

- 1. See attached for detailed instructions.
- 2. Check and ensure proper engine operation perform leak check and vibration survey.
- 3. Make an entry in the engine log book.
 - a. Date, T/T, inspection performed per FSE WI 731-40-P14-002B. If required, record the LPT2 Rotor Assy PN, SN removed and LPT2 Rotor Assy PN, SN installed. Work completed by (FSE name) (quality stamp). Honeywell Production Certificate PC413NM.
- 4. Provide a copy of the engine log book page after sign-off by scanning it and email to engineering: anthony.dangelo@honeywell.com.
- 5. LPT2 Rotor assemblies eddy current inspected and installed into engines must have an entry made on the back of the Life Limit Card as follows:
 - a. DATE date on which the inspection was performed
 - b. Signature and Stamp shall be that of the eddy current inspector

LIFE LIMITED PART REPAIR RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED				
6/24/2014	Inspection per 21-15477	SIGNATURE Name and UQR stamp				

Honeywell

TRACKING NO: 002B FSE WORK INSTRUCTION NUMBER: 731-40-P14-002B

TFE731-40BR ENGINE S/N					
LPT2 Rotor P/N	3060608-5				
LPT2 Rotor S/N					
MACHINING LOT#	CASTING LOT #				

Sas Attachad

Honeywell

Outgoing LPT2 Blade PN 3075424 Data Form

NOTE: Document the blade dash number, blade casting, and machining lot numbers for each blade.

If the blade dash number or machining lot number is not visible on the blade, it is not required to record the dash number or machining lot number for that blade, but casting lot number is required.

After form has been completed and is ready for submission, click "Submit Form".

Enter the engine serial number as the new file name, and click "Save" to save to your computer hard drive. An email window will open with the file attached, add any email address for copy, if desired, and press send.

Date of Inspection: 7/12/14 Inspector: Mark Stroot

Inspection Facility: Bombardier Wichita Aircraft SN: 45-485 446 98

Engine SN: P-137180

Engine TSN: 0 Engine CSN: 0

LPT2 Rotor Assy PN: 3060608-5 LPT2 Rotor Assy SN: 12-156103-00810

LPT2 Rotor Assy TSN: 0 LPT2 Rotor Assy CSN: 0

	Record Data for LPT2 Blades, PN 3075424 Being Installed							
Blade Position	Blade Dash Number	Blade Casting Lot Number	Blade Machining Lot Number		Blade Position	Blade Dash Number	Blade Casting Lot Number	Blade Machining Lot Number
11	-2	ECWK	HM-4149		27	-2	ECWM	HM-4150
2	-2	ECWK	HM-4149		28	-2	ECWC	HM-4150
3	-2	ECWK	HM-4149		29	-2	ECWK	HM-4149
4	-2	ECWL	HM-4149		30	-2	ECTY	HM-4150
5	-2	ECWL	HM-4149		31	-2	ECWL	HM-4149
6	-2	ECWJ	HM-4154		32	-2	ECWD	HM-4113
7	-2	ECWC	HM-4150		33	-2	ECWA	HM-4150
8	-2	ECWM	HM-4149		34	-2	ECCW	HM-4150
9	-2	ECWA	HM-4150		35	-2	ECWK	HM-4149
10	-2	ECWC	HM-4150	ļ	36	-2	ECWK	HM-4149
11	-2	ECWL	HM-4150		37	-2	ECWD	HM-4113
12	-2	ECWA	HM-4150		38	-2	ECWL	HM-4149
13	-2	ECWL	HM-4149		39	-2	ECWL	HM-4149
14	-2	ECWA	HM-4150		40	-2	ECWL.	HM-4149
15	-2	ECUH	HM-4150		41	-2	ECWC	HM-4150
16	-2	ECWC	HM-4150		42	-2	ECWC	HM-4150
17	-2	ECWC	HM-4150		43	-2	ECWJ	HM-4149
18	-2	ECWC	HM-4113		44	-2	ECWK	HM-4149
19	-2	ECWL	HM-4149		45	-2	ĖCWA	HM-4150
20	-2	ECCW	HM-4113		46	-2	ECWC	HM-4150
21	-2	ECWE	HM-4149		47	-2	ECWM	HM-4149
22	-2	ECWK	HM-4149		48	-2	ECWL	HM-4149
23	-2	ECWJ	HM-4149		49	-2	ECWK	HM-4149
24	-2	ECWK	HM-4149		50	-2	ECWL	HM-4150
25	-2	ECWL	HM-4149		51	-2	ECWL	HM-4150
26	-2	ECWK	HM-4149		52	-2	ECWK	HM-4149

NOTE: All blades must be identified with an EC inspection acceptance ink stamp. Form will be emailed to tfedata@honeywell.com



Honeywell

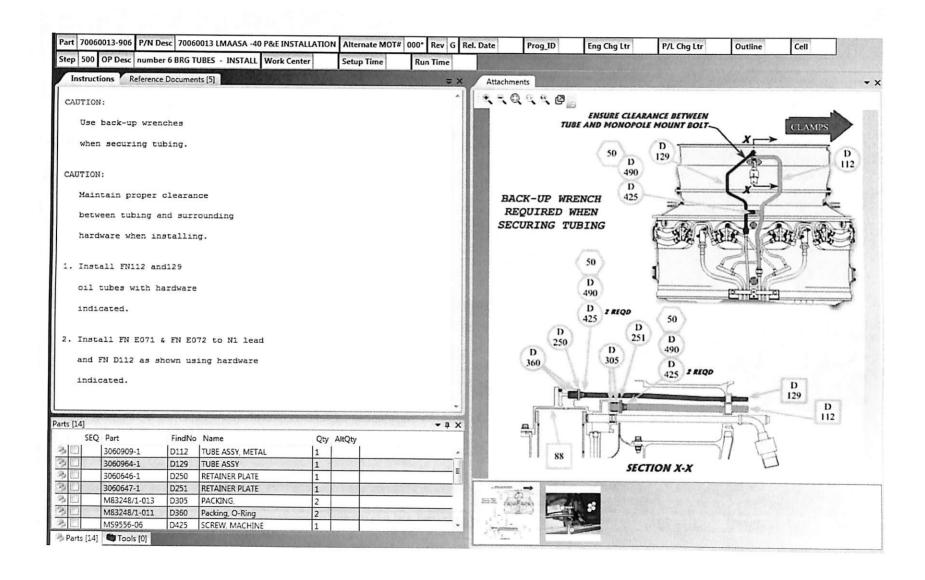
TD A CIVING NO. 003	D	FOR WODE INCODIOMICAL NUMBER	721 40 D14 002D
TRACKING NO: 002	,D	FSE WORK INSTRUCTION NUMBER:	731-40-P14-002B

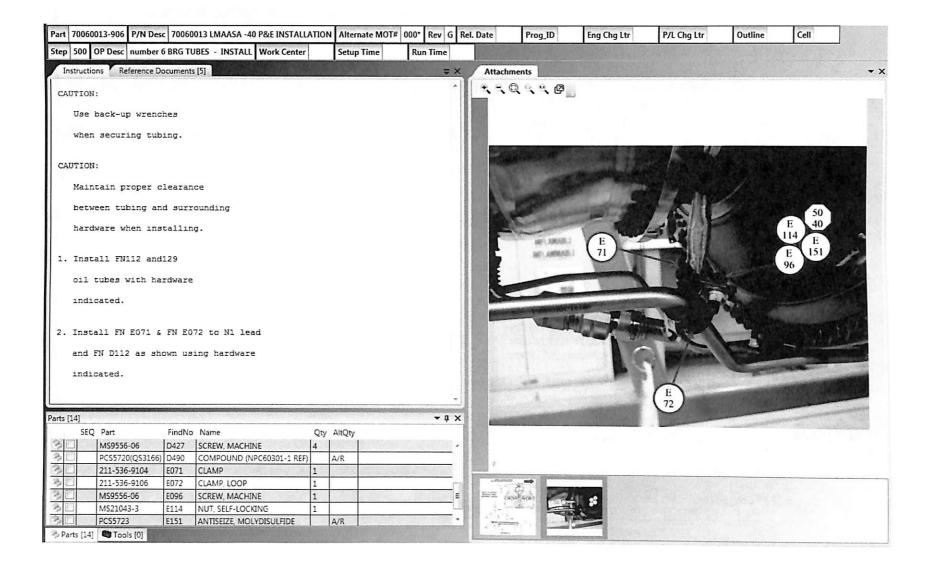
MACHINING LOT#	CASTING LOT #
IVIACI IIIVIIVO EOT #	C. 13111113 EO1 #
	
_	

DIS-ASSEMBLY INSTRUCTIONS TO REMOVE AND REPLACE P/N 3060608-5 LPT2 ROTOR ASSEMBLY

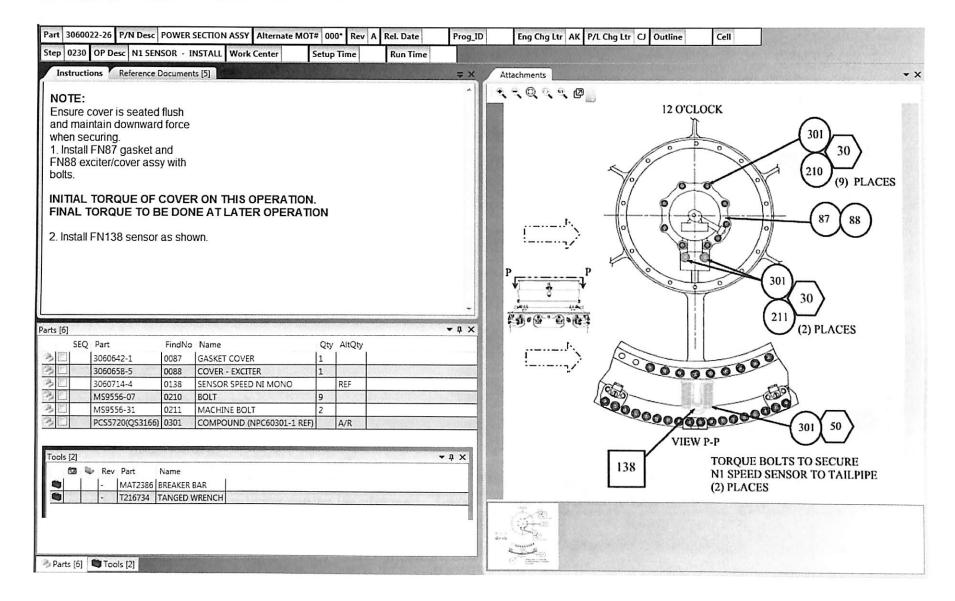
See supplemental instructions (following) for performing eddy current inspection of the LPT2 rotor assembly and for LPT2 blade replacement.

REMOVE TAILPIPE COVER REMOVE #6 OIL SUPPLY AND SCAVENGE TUBES AND CLAMPS (NEXT PAGE) AS SHOWN.

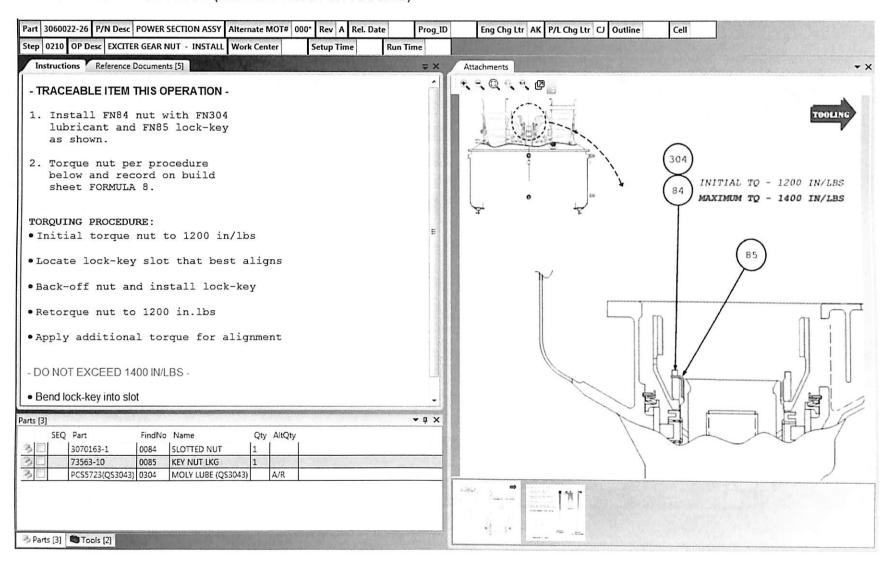




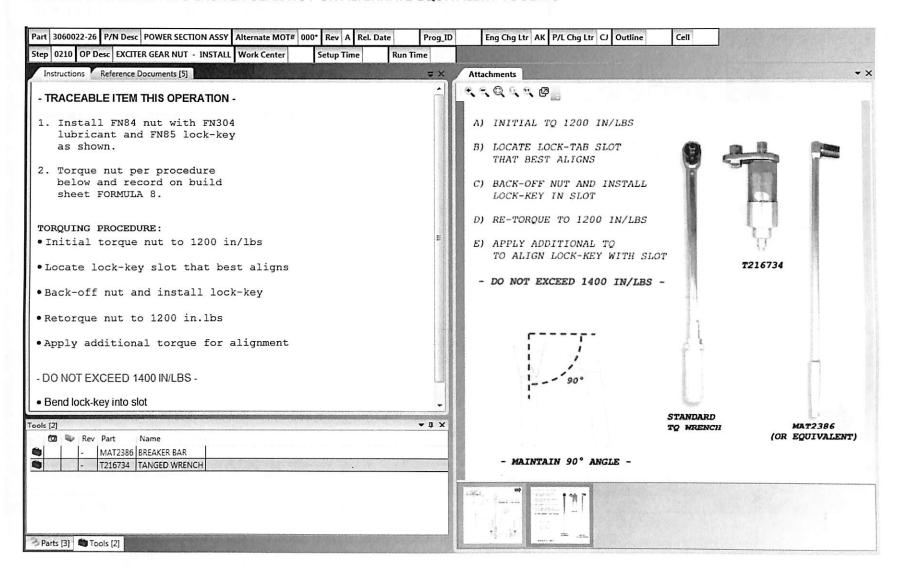
REMOVE N1 MONOPOLE AND COVER



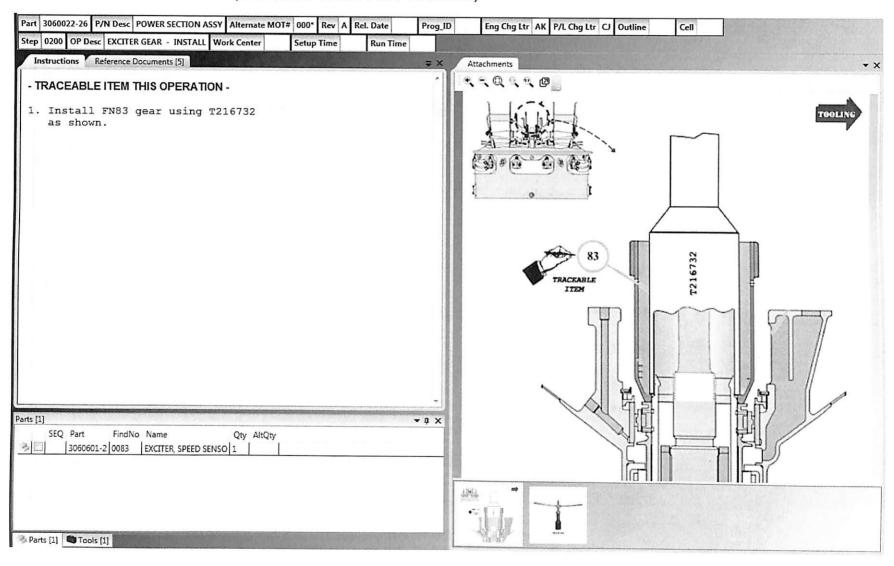
REMOVE EXCITER GEAR NUT. (SEE NEXT PAGE FOR TOOLING)



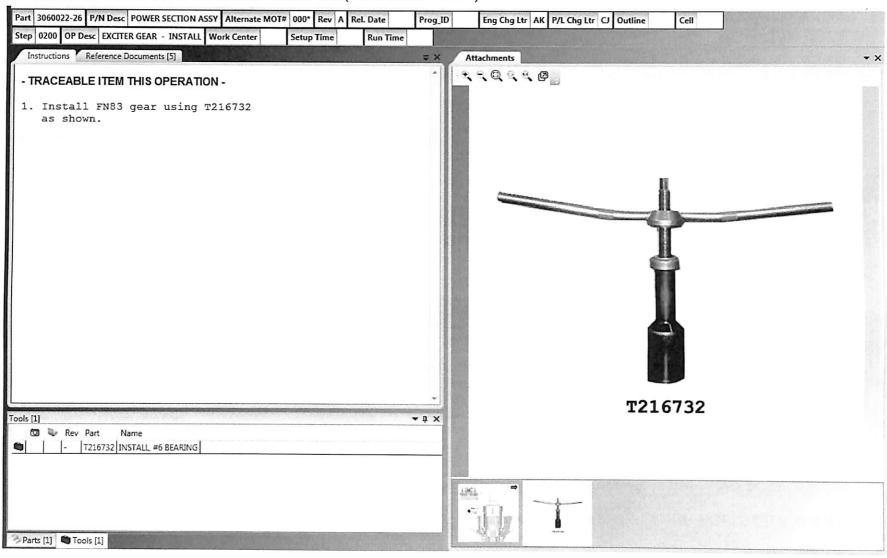
TOOLING FOR REMOVING EXCITER GEAR NUT OR ALTERNATE EQUIVALENT TOOLING



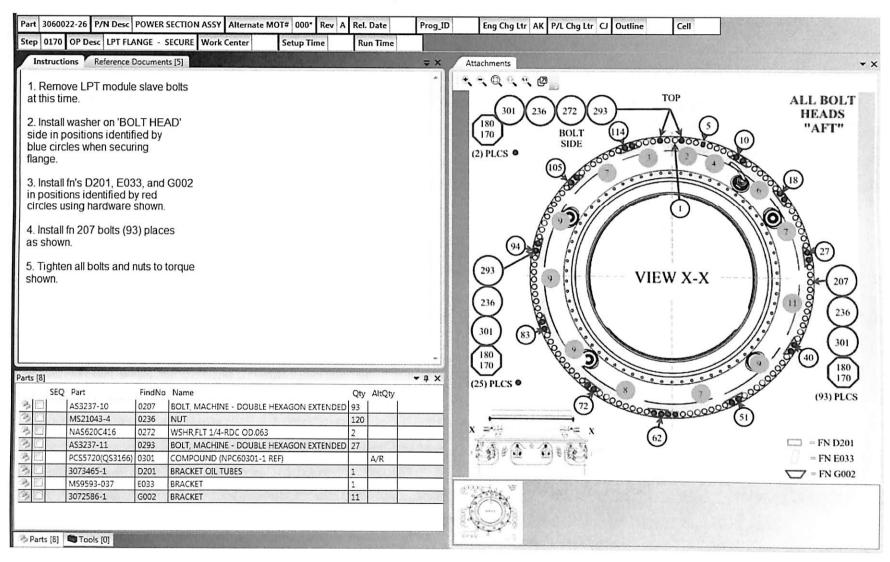
REMOVE EXCITER GEAR (SEE NEXT PAGE FOR TOOLING)



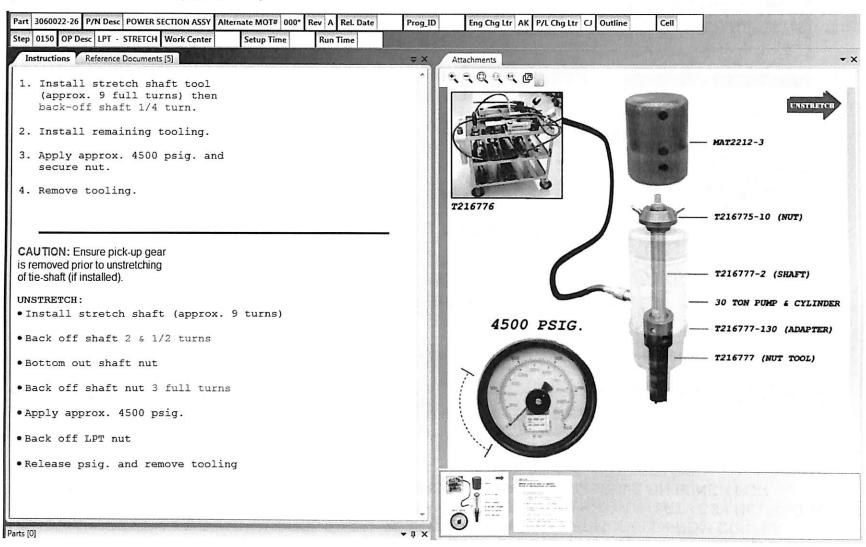
TOOLING FOR EXCITER GEAR REMOVAL (OR EQUIVALENT)



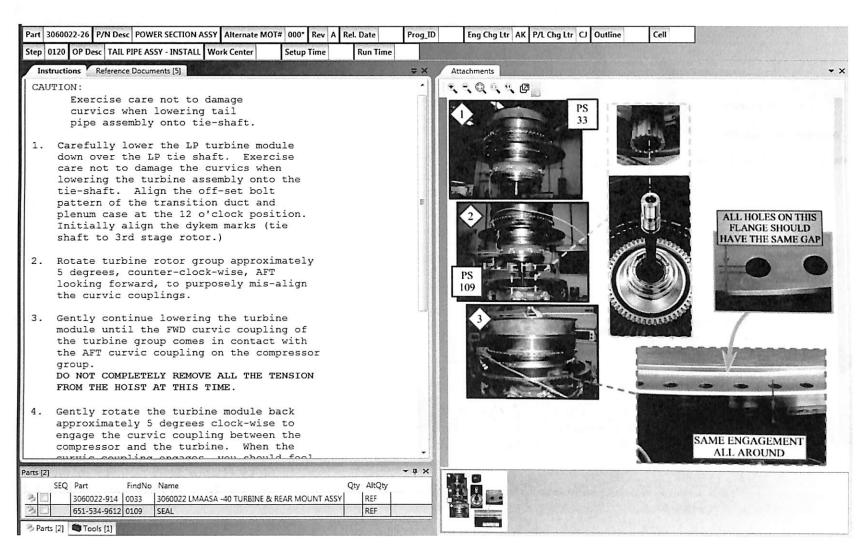
SECURE TOP REAR MOUNT TO LIFTING DEVICE, REMOVE BRACKETS AND LPT FLANGE BOLTS AS SHOWN.



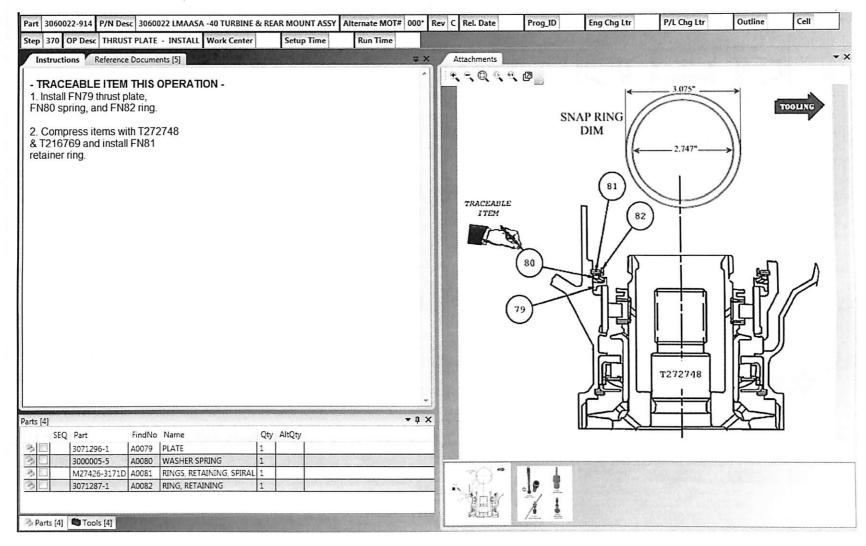
UNSTRETCH GROUP PER INSTRUCTIONS BELOW USING TOOLING SHOWN OR EQUIVALENT REMOVE FN 102 NUT (3071740-1)

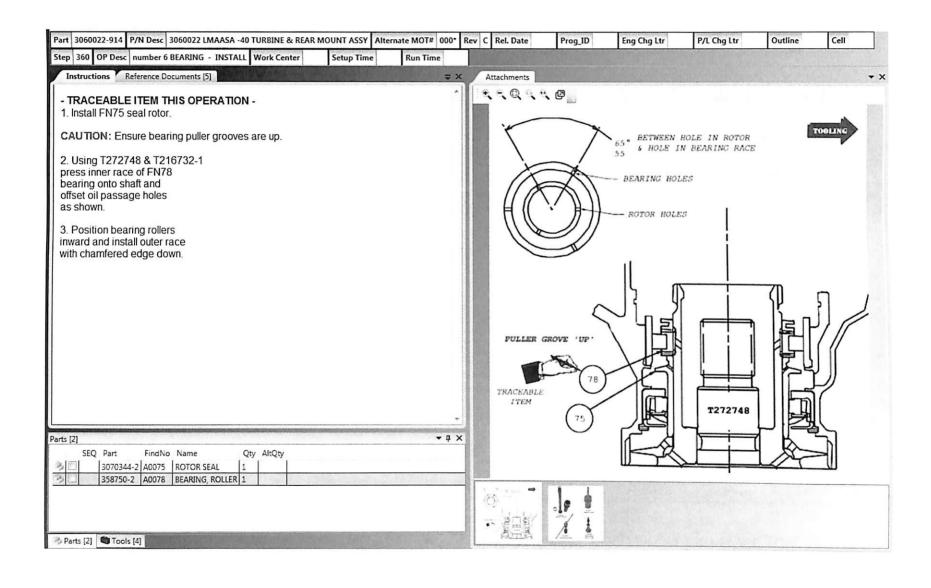


CAREFULLY REMOVE TURBINE AND REAR MOUNT FROM ENGINE. NOTE: PHOTOS DEPICT VERTICAL REMOVAL. HORIZONTAL REMOVAL POSSIBLE SUPPORTING WEIGHT OF LPT MODULE FROM CENTER MOUNT CLEVIS USING OVERHEAD CRANE OR LIFT. REMOVE ALL FASTENERS, WITH LPT ASSY HOOKED TO VERTICAL LIFT. GENTLY ROCK LPT ASSY AFT FOR REMOVAL. PLACE LPT MODULE ON BENCH FOR FURTHER DISASSEMBLY.

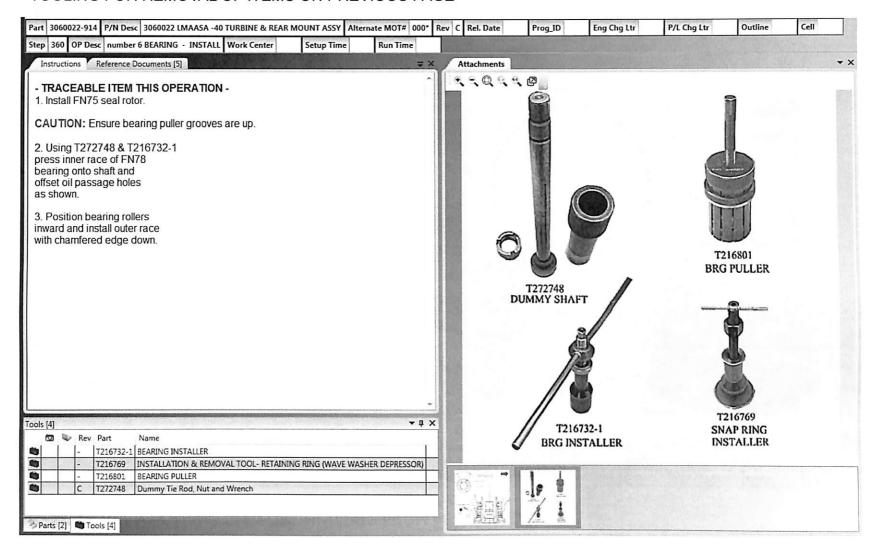


REMOVE ITEMS SHOWN BELOW AND ON NEXT PAGE USING TOOLING SHOWN ON 3RD PAGE (OR EQUIVALENT TOOLING)

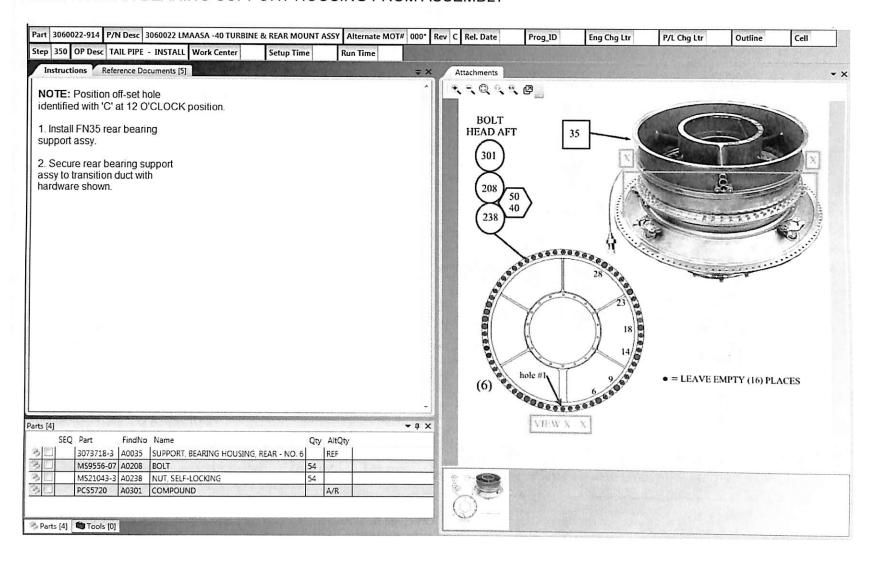




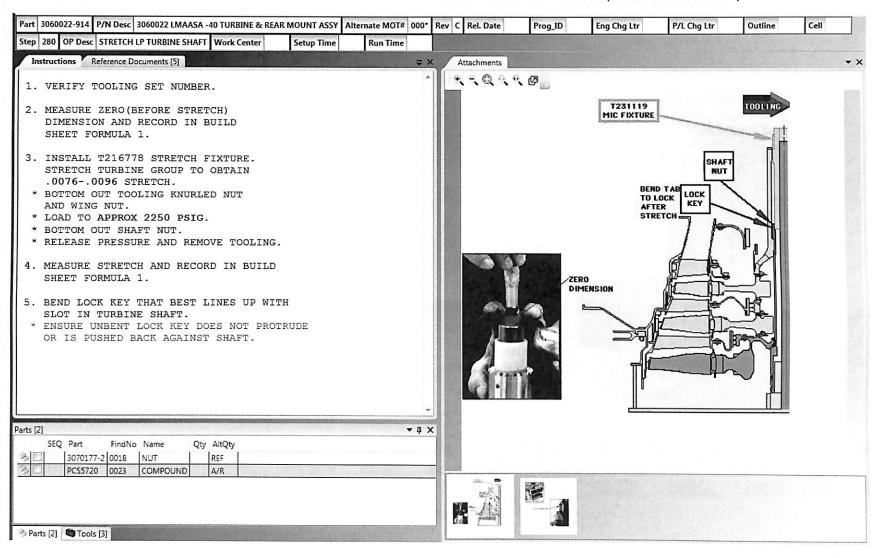
TOOLING FOR REMOVAL OF ITEMS ON PREVIOUS PAGE



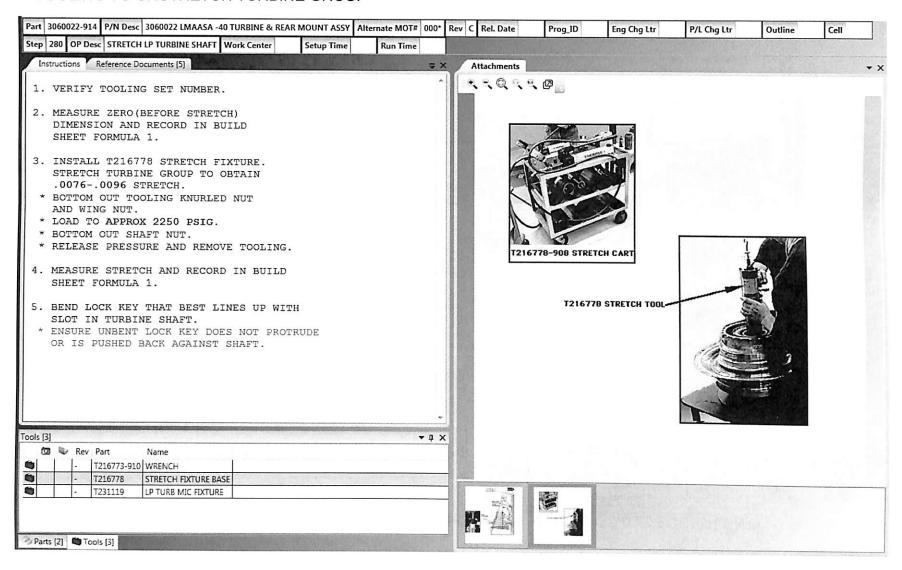
REMOVE REAR BEARING SUPPORT HOUSING FROM ASSEMBLY



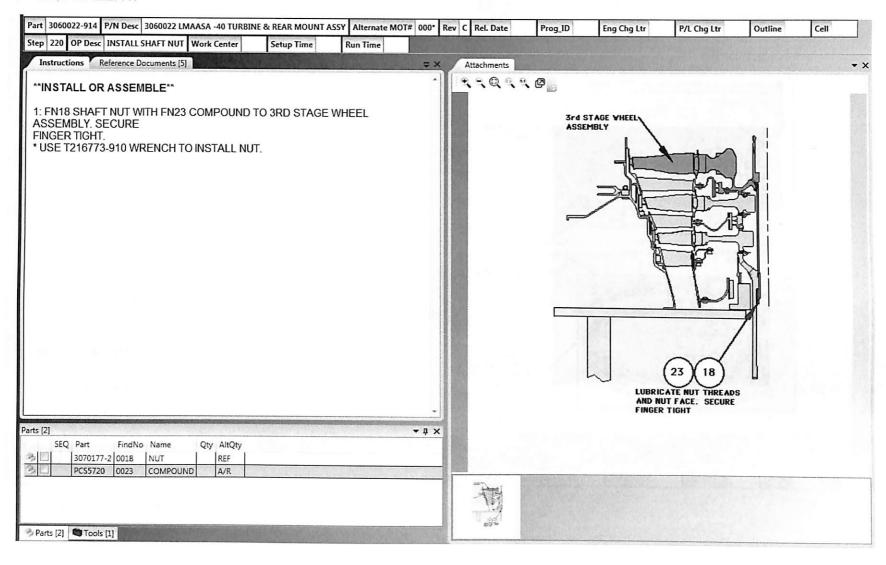
UNSTRETCH THE TURBINE GROUP USING TOOLING SHOWN ON NEXT PAGE (OR EQUIVALENT)



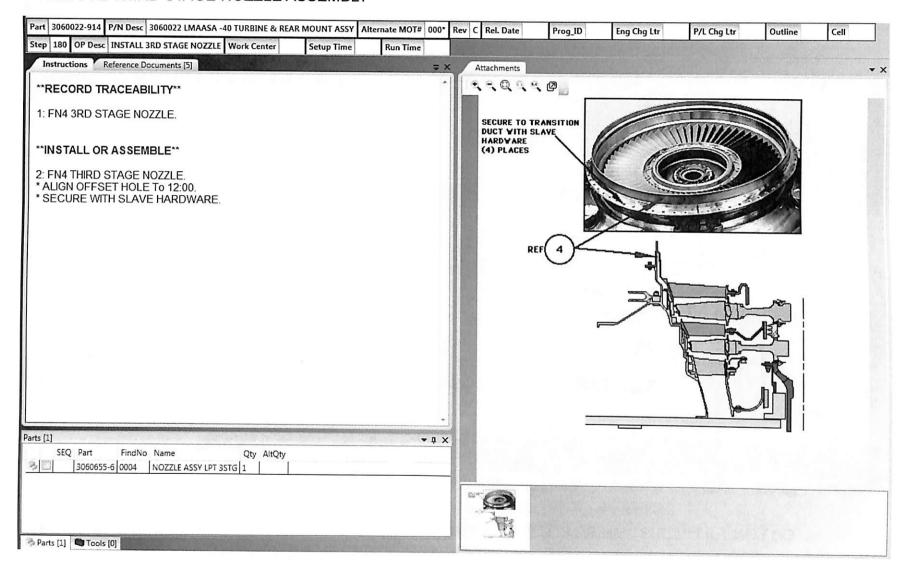
TOOLING TO UNSTRETCH TURBINE GROUP



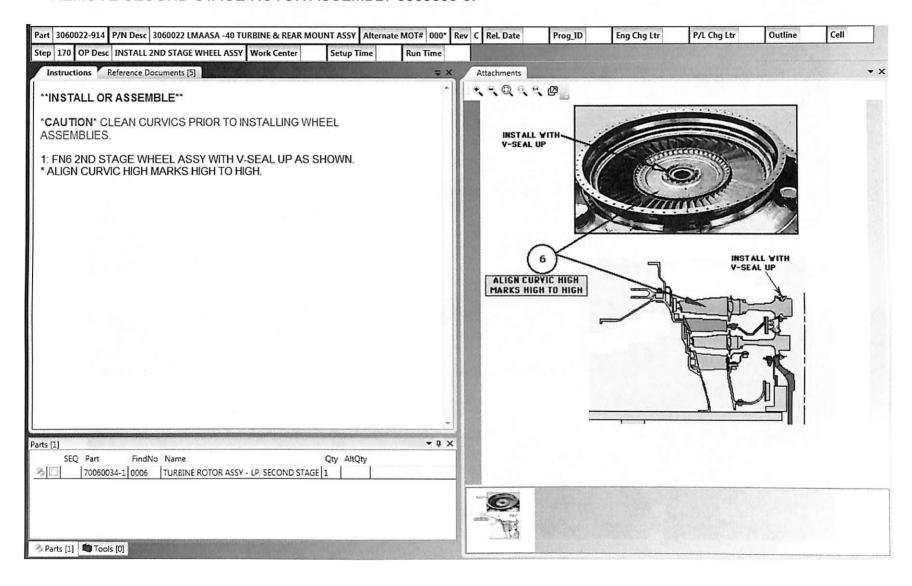
REMOVE 3070177-2 NUT AND 3^{RD} STAGE WHEEL ASSEMBLY 3060626-8 USING T216774 LIFTING LUG OR EQUIVALENT.

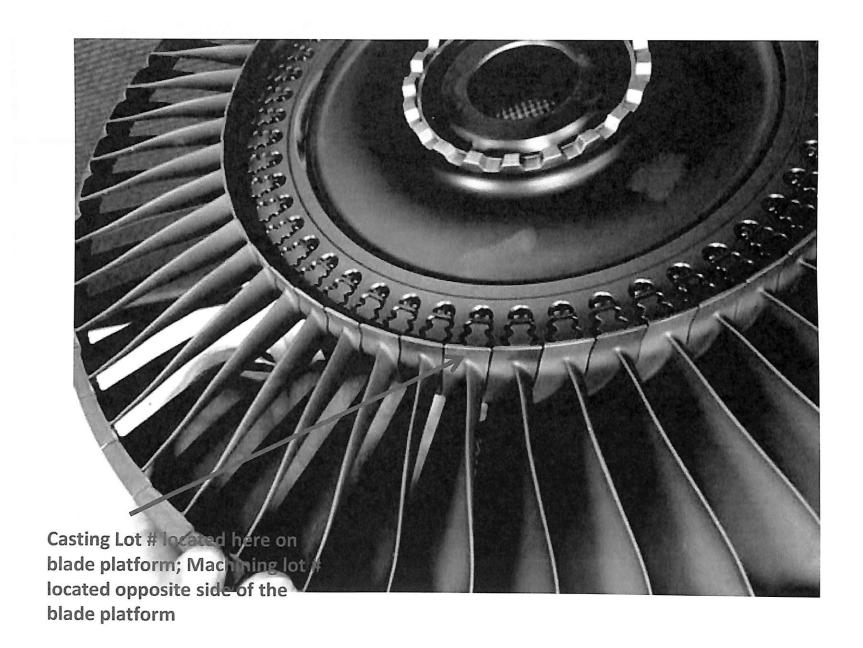


REMOVE THIRD STAGE NOZZLE ASSEMBLY



REMOVE SECOND STAGE ROTOR ASSEMBLY 3060608-5.





Refer to Supplemental Instructions

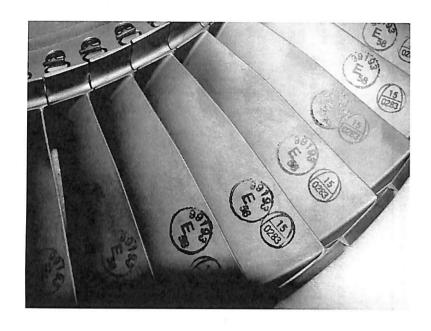
- Refer to the following supplemental instructions to eddy current inspect the rotor assembly or replace individual blades.
 - When the inspection or blade replacement is complete, proceed to the next slide for reassembly
- If a replacement rotor assembly was received, proceed to the next slide for reassembly.

Reassembly

- Follow disassembly instructions in reverse.
 - Record serial number of LPT2 rotor removed and forward back to Phoenix.
 - Record serial number of LPT2 rotor installed.
 - Record the casting lot numbers (machining lot numbers optional)
 - Validate that each blade on rotor to be installed contains an eddy current (E, ET, EC) inspection stamp see examples on next slide. If there is no stamp, blade must be eddy current inspected.
 - NOTE: Re-use E-seal (PN 651-534-9612) unless damaged
 - Dents, distortion, cracks or other damage that would cause leaks
 - Perform ground run of engine to verify proper engine operation, leak check and vibration survey
 - When completed, make log book entry per FSE instructions
 - Make entry on LPT2 Life Limit Card: Date of inspection, signature and stamp of certified eddy current inspector (see below)

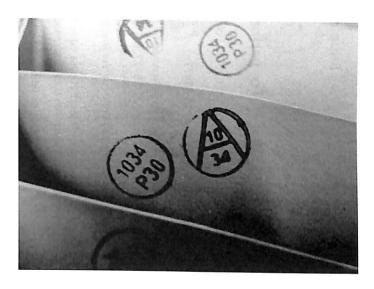
LIFE LIMITED PART REPAIR RECORD								
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE						
6/24/2014	Inspection per 21-15477	Name and UQR stamp						

Stamps containing E, ET, EC indicate Eddy Current.



<u>Above</u> – E58 stamp indicates eddy current inspection

Right – These blades have not been eddy current inspected



Supplemental Instructions

(A)For performing Eddy Current Inspection

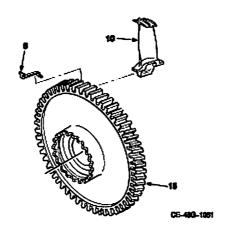
Perform eddy current inspection of the LPT2 blades installed in the rotor assembly as follows:

- 1. Reference Procedure 21-15477.
- 2. The procedure must be performed by a trained and certified inspector using the equipment and processes specified in procedure 21-15477. Contact Honeywell for a list of certified inspectors.
- 3. Any blades that fail eddy current inspection shall be replaced by the instructions below.
- 4. LPT2 Rotor assemblies that pass eddy current inspection (having replaced blades or not) for installation into an engine must have an entry made on the back of the Life Limit Card as follows:
 - a. DATE date on which the inspection was performed
 - b. Signature and Stamp shall be that of the eddy current inspector

LIFE LIMITED PART REPAIR RECORD								
DATE MAINTENANCE PERFORMED AUTHORIZ SIGNATU								
6/24/2014	Inspection per 21-15477	Name and UQR stamp						

(B) For Replacing Individual LPT2 Blades

- 1. Remove all blades from the LPT2 rotor assembly
 - NOTE: Chart the location of all blades on rotor disk to aid balancing after assembly.
- 2. Chart location of all blades to rotor disk (i.e. using numbers etc.)
- 3. Remove all turbine blades:
 - a. Bend blade retainers (5, figure 1) away from base of turbine blades (10). Slide turbine blades out, then remove and discard blade retainers.
 - b. Weigh turbine blades that are to be replaced for selecting replacement turbine blades near the same weight.



- 5. BLADE RETAINER
- 10. TURBINE BLADE

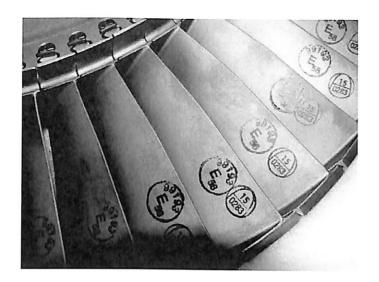
15. ROTOR DISC

Figure 1 - LPT2 Rotor Assembly

NOTE: Record part number, casting lot number and machining lot number of removed <u>and</u> replacement blades; use pages 3 and 4 of this work instruction.

Record part number and casting lot number of replacement blades on Life Limited Parts Log Card.

<u>NOTE:</u> Validate that each replacement blade contains an eddy current (E, ET, EC) inspection stamp; see examples below:



4. Install turbine blades on LPT2 rotor assembly:

- a. With all turbine blades removed, perform single plane balance of LPT2 rotor disk. Mark heavy point and record unbalance in grams for use in selecting blades during assembly.
- b. Select replacement turbine blade as near to the weight of removed turbine blade as possible.
- c. Record on Maintenance Record of Life Limited Part Log Card replacement blade part number followed by casting lot number, date and rotor assembly cycles.

<u>CAUTION:</u> DO NOT BEND OR REFORM BLADE RETAINERS PRIOR TO INSTALLATION. ANY REFORMING OR BENDING OF BLADE RETAINERS WILL RESULT IN INCREASED STRESS IN THE INSTALLED RETAINER AND COULD RESULT IN RETAINER CRACKS, SEPARATION, AND POSSIBLE ENGINE DAMAGE.

NOTE: Do not reuse any blade retainers.

d. Install blade retainers into LPT2 rotor assembly rotor disk with all preformed tabs on the same side of rotor disc (figure 2).

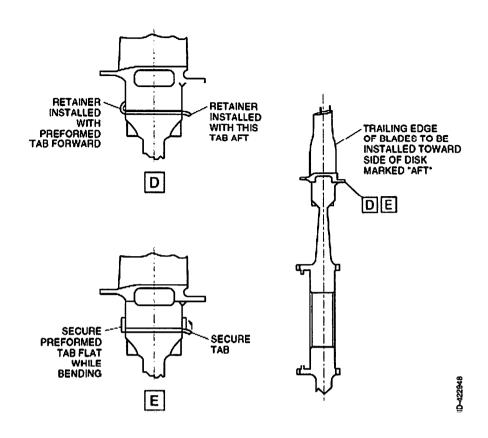


Figure 2 - Blade Retainer Orientation

<u>CAUTION:</u> DO NOT FORCE TURBINE BLADES INTO ROTOR DISC. USE ONLY HAND PRESSURE WHEN SLIDING TURBINE BLADES INTO FIR TREE OF ROTOR DISC AND OVER BLADE RETAINERS. IF RESISTANCE IS PRESENT, INVESTIGATE CAUSE (E.G. BENT RETAINER, BURR ON BLADE RETAINER GROOVE, ETC.).

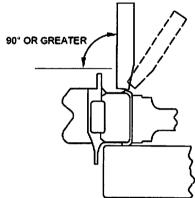
- e. Install blades provided by Honeywell (PN 3075424-2 or -3) as follows:
 - i. Install all turbine blades into rotor disc at location previously charted in Step 2.
 - ii. To install last turbine blade, move approximately 12 to 20 blades (six to ten on either side) opposite direction of preformed end of blade retainer. Start the last turbine blade into rotor disc with Z-gap aligned with adjacent turbine blade, then move all turbine blades in unison forward into rotor disc.
- f. Check for misalignment of knife edges on LPT2 rotor assembly turbine blades. Misalignment of knife edges of adjacent turbine blades must not exceed 0.068 inch (1.73 mm).

<u>CAUTION:</u> TOOLING USED TO BEND RETAINER MUST BE ALUMINUM OR NICKEL. TOOLING OTHER THAN ALUMINUM OR NICKEL COULD RESULT IN MATERIAL TRANSFER FROM TOOL TO ROTOR DISC OR TURBINE BLADE CAUSING SUBSEQUENT FAILURE OF ROTOR DISC OR TURBINE BLADE.

g. Bend tab of blade retainer on LPT2 rotor assembly as follows:

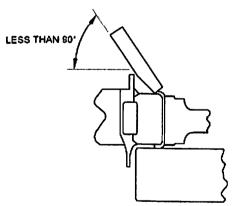
<u>NOTE:</u> Preformed tab of blade retainer (figure 2) must be held flush against face of rotor disc and turbine blade before opposite tab is bent up and into face of disc.

- i. With preformed tab of blade retainer held flush against face of rotor disc, bend tab as shown in figure 2. When forming retainer, do not apply force at less than a 90 degree angle from the rotor disc face; see figure 3.
- ii. Make sure after bending, tab is in firm contact with turbine blade, but not sharply creased at bend line.
- iii. Inspect bent tabs with 10X magnification and if blade retainer tabs are cracked, replace blade retainer. Removal of a cracked blade retainer requires removal and replacement of all blade retainers.



NOTE:

Acceptable forming technique - End of tab set with tool held at 90 degrees or greater from the disc axial face.



NOTE:

Unacceptable forming technique - End of tab set with tool held less than 90 degrees from the disc axial face. This may create a tighter axial fit of the blade, but results in a reduced retainer bend radius, and a high residual stress condition.

Figure 3 - Blade Retainer Installation

- h. Check turbine blades and blade retainers after installation is completed on LPT2 rotor assembly as follows:
 - Check for relative movement between the turbine blade and rotor disc. Relative
 movement between the turbine blade and rotor disc along the fir tree center axis shall
 not exceed 0.025 inch (0.64 mm).
- Blade retainers may not be reused (reformed) after they have been formed, with the exception
 of the adjustments that follows. When adjusting blade retainer, do not force at less than a 90
 degree angle from the rotor disc face; see figure 3.
 - If relative movement is greater than the limit in step h(i), adjust the blade retainer using an approved form tool. Blade retainer can be adjusted only one time to obtain specified value.
 - ii. If blade retainer was adjusted, inspect adjusted tabs with 10X magnification. Cracks are not acceptable.
 - iii. If blade retainer tabs are cracked, replace blade retainer. Removal of a cracked blade retainer requires removal and replacement of all blade retainers.
- 5. Measure and record rotor assembly diameter using LPT blade loading kit 298125-1. Pay particular attention to the locations where the replacement blades are installed.

LPT2 rotor assembly diameter = 15.212 +/- 0.004 inches (386.385 +/- 0.102 mm).

If diameter is not met, contact engineering.

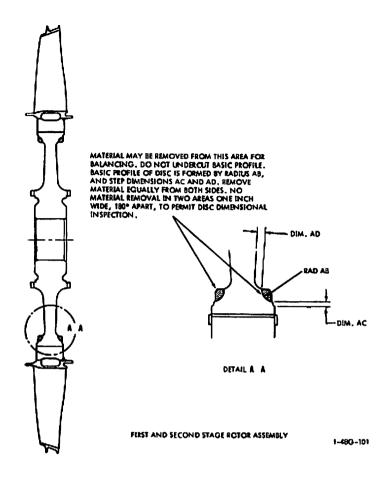
- 6. Balance assembly of rotor disc, turbine blades and blade retainers using components of 289905-2 rotor assembly balancing kit as follows:
 - a. Install 290701-1 coupling or 831413-2 adapter on LPT2 rotor assembly forward curvic and831413-1 adapter on aft curvic. Secure with 290566-4 or 290566-6 tie bolt and 290565-1 nut.
 - b. Install assembly in standard balancing machine.

<u>NOTE:</u> If unbalance is greater than **0.3 ounce-inch**, reposition blades for optimum balance prior to any grinding of balance material.

When removing material for balancing, two areas at least 1 inch wide and 180 degrees apart must remain without material removal to permit dimensional inspection of rotor assembly.

- c. Balance LPT2 rotor assembly on curvic couplings to an accuracy of 0.059 ounce-inch. Material removal shall leave no corners or edges sharper than 0.125 inch (3.175 mm) radius and shall have a surface finish of 63 microinches or better; see figure 4.
- d. Remove LPT2 rotor assembly from standard balancing machine and remove balance kit parts.

<u>NOTE:</u> If replacing damaged blade retainers only, balancing of the rotor assembly is not required if the same turbine blades removed are reinstalled in the same location charted at removal.



REPAIRED LIMITS

RAD AB	0.200 inch (5.08 mm) minimum
DIM AC	0.030 inch (0.76 mm) minimum
DIM AD	0.040 inch (1.02 mm) minimum

Figure 4 - Rotor Assembly Balancing Requirements

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							N-1 COMPENSATOR 3060735-4	
							Engine Preserved per MIL-E-5607 on this date. This treatment considered adequate for a period of TWO (2) YEARS.	
							FAA Form 8130-3 issued <i>\$90004015988114 13 Feb 2014</i>	
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6. Item:	7. Description:		8. Part Number:	10. Serial Number:	11. Status/Work:	
001				1	P137180	NEW
TSN: 0	CYCLES: 0	AL - ENGINE				
13a. Certifies th	e items identified ab	ove were manufactured in	conformity to:	14a. 14 CFR 43.9 Return	n to Service Other	regulation specified in Block 12
		are in a condition for safe specified in Block 12.	operation.	Certifies that unless oth described in Block 12 w	nerwise specified in block 12, vas accomplished in accordan	the work identified in Block 11 and nee with Title 14, Code of Federal e items are approved for return to
13b. Authorized	Signature:		roval/Authorization No.: A-602216-NM	14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Type Michael Hi			(dd/mmm/yyyy): EB 2014	14d. Name (Typed or Printe	d):	14e. Date (dd/mmm/yyyy):
		L	User/Insta	ller Responsibilities		
Where the user/insta ensures that his/her a Statements in Blocks	ller performs work in a nirworthiness authority	ecordance with the national reg accepts aircraft engine(s)/propenstitute installation certification	gulations of an airworthiness auth eller(s)/article(s) from the airwor	thiness authority of the country specif	authority of the country specified fied in Block 1.	in Block 1, it is essential that the user/installer

NSN: 0052-00-012-9005



Aircraft Customer Engine Production Applicability Report

According to manufacturer records, the service bulletins listed in this report are applicable to this engine/APU as of the date of this report. After engine/APU delivery, the record of service bulletin compliance depends on compliance reports being forwarded to Honeywell from the service facilities.

NOTE: Check all service bulletins issued after the date of this report for applicability to this engine/APU.

Information regarding this report may be obtained by contacting:

The Honeywell Aero Customer Care Center
PHONE US/Canada: 800-601-3099 International: 602-365-3099
Fax: 602-365-3345

Measurement & Reporting
Reliability, Maintainability & System Safety
Honeywell International, Inc.



RMSS Measurement & Reportion, Honeywell Aerospace Production Applicability, Sorted by Status [#APP105]



Printed on: 02/05/2014

for Engine Serial Number:137180 Model: TFE731-40BR-1B

Run by: E384386

Latest

Status Number Rev. Cmp. Title Effectivity

Status Codes: P = Production incorporation

S = See service bulletin for effectivity

Effectivity: NA= Not applicable by serial number.

See service bulletin for effectivity

Compliance Code: R = Recommended Service Bulletin

0 = Optional Service Bulletin

I = Informative Service Bulletin



Lear 75 N877W 45-496

Georgia Crown Aviation Department

201 Airport Parkway LaGrange, Georgia 31909

Aircraft TTSN: 913.3

Aircraft TCSN: 913

Engine 2 Part Number: 3062075-1 Engine 2 Model: TFE731-40BR-1B Engine 2 Serial Number: P137180

Engine TTSN: 913.3 Engine TCSN: 913 Date: October 25. 2016

Completed the following tasks:

TFE731-73-5145 Paragraph E(2) Fuel Flow Transmitter Line and

Bracket Service Bulletin

Inspection

I certify that this engine has been inspected in accordance with current Federal Aviation Regulation Part 91.409 (F) (3) and current aircraft and engine manufacturer's maintenance manuals. All functional and operational checks were satisfactory and this aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician

Airframe and Powerplant License Number: 3481311



BOMBARDIER

CHECK CURRENT DUE LIST FOR DUE TIME CHANGES

Serial No.: Part: 30		N	STRIBUTING CO Model: TFE731-4 Reg No.: N877	40BR-1B		Work Card Workorder		TFE731-73-514 (2)	5 PARA E
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>SB TFE/3 PARA E (2	31-73-5145)	· •	NO. 2 ENGINE -	ACCOMPLISH,	SERVICE BULLETIN	INSPECTION			
				ACCOMPLISH,	SERVICE BULLETIN		Ĺ	NOT APPLICABLE	
) COMPL	IED WITH	ed to the "Note" field to	DECLINED will be presented as		RED prough the application.	Ĺ ture"	NOT APPLICABLE	
PARA E (2) COMPL	IED WITH All text adde Ex: MOC of	ed to the "Note" field "Complied With" and .	DECLINED will be presented as a Note of "At Manufa	DEFERI	RED prough the application. Tolied With - At Manufact		_	e 938.3.
PARA E (2) COMPL	IED WITH All text adde Ex: MOC of	ed to the "Note" field "Complied With" and .	DECLINED will be presented as a Note of "At Manufa	DEFERION DEFERION THE MACE SELECTION THE CENTRE WILL DESCRIBE TO THE MACE SELECTION THE DEFENDANCE OF THE PROPERTY OF THE PROP	RED prough the application. Tolied With - At Manufact		_	e 938.3.

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Total Pages = _____, Initial _____.



Georgia Crown Aviation Department

201 Airport Parkway LaGrange Georgia 30240

Part Number 3062075-1 Model TFE731-40BR-1B Engine TTSN: 915.5

Serial number P137180 Engine TCSN: 917

Date: November 4, 2016

TFE731-73-5145 PARA E (3) NO. 2 ENGINE - ACCOMPLISH, SERVICE BULLETIN REPLACEMENT

Method of Compliance: COMPLIED WITH

Update Note: COMPLETED SB PER SERVICE BULLETIN INSTRUCTIONS.

I certify that this engine has been inspected or repaired in accordance with current Federal Aviation Regulation Part 91.409 (F) (3). All test operational tests were performed in accordance with the manufacturer's engine maintenance manual or component maintenance manual. This aircraft is approved for return to service.

Michael W. Johnson

Aircraft Maintenance Technician

Airframe and Powerplant License Number: 3481311

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intion from the evoused sets"		-

BOMBARDIER

Perator: GEORGIA CROWN DISTRIBUTING CO. erial No.: P137180 Model: TFE731-40BR-1B art: 3062075-1 /C Serial 45-496 Reg No.: N877W			Work Card No.: TFE731-73-5145 PARA E (3) Workorder No.:			
	Date(DD/MMM/YY	YY) A/C HRS	AFL	ENG. HRS	ENC	
Due At	Date(DD)11111411					
ccomplishe	d 04-NOV-16	915.50	917			
	I SIGNATURE: [MICHAE	NO. 2 ENGINE - AC	/		E & NO.: AP348131	
	Ex: Mo	t added to the "Note" field w OC of "Complied With" and a	Note of "At Manufactu	t of the MOC selection	RRED through the application. mplied With - At Manufactu	NOT APPLICABLE
Co	mpliance Note:					
7			ТЕСН <u>"</u>	MJ	INSP	LABOR-HRS HRS.THS

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•	<i>1</i> •

1. Approving Civil Aviation Authority/Country:

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number
20160002182774Y14
8005829392-20

_				_	_	
4.	Organiza	ation	Name	and	Ad	dress

FAA/United States

HONEYWELL INTERNATIONAL INC Production Approval 1944 E SKY HARBOR CIRCLE

PC413NM

5. Work Order/Contract/Invoice Number: 5001084364 Page 1 of 1

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	TUBE, METAL, FLOW DIVIDER - FLOW METER	70060172-1	2	N/A	NEW
			,		

12. Remarks:

EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA.

SERIALIZATION NOT REFERENCED IN BLOCK 10 IS NOT REQUIRED OR TRACEABLE BY HONEYWELL INTERNATIONAL INC. REFERENCE FAA ORDER 8130.21

PHOENIX AZ 85034

13a. Certifies the items identified above were manufact Approved design data and are in a condition Non-approved design data specified in B	ion for safe operation.	14a. 14 CFR 43.9 Return to Service		
13b. Authorized Signature: Horize McCom-	13c. Approval/Authorization No.: ODA-602216-NM	14b. Authorized Signature:	14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): Florie McCrone	13e. Date (dd/mmm/yyyy): 24/OCT/2016	14d. Name (Typed or Printed):	14e. Date(dd/mmm/xyyy):	

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 Block1, 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 Block1. 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.

NSN: 0052 - 00 - 012 - 9005

FAA FORM 8130 - 3 (02-14)



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2(

FAA/United States

1. Approving Civil Aviation Authority/Country:

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3. AIRWORTHINESS APPROVAL TAG

ı	3. Form Tracking Numbe
ı	20160002182773Y14
ı	8005829392-10

			777.E 1770	
4. Organization Name and Address:	HONEYWELL INTERNATIONAL INC 1944 E SKY HARBOR CIRCLE PHOENIX AZ 85034	Production Approval PC413NM		5. Work Order/Contract/Invoice Number: 5001084364 Page 1 of 1
Item: 7 Description:	8 Part Nu	mher:) vantitus 140 0 1 1 1 1	

6.Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status / Work:
001	TUBE ASSEMBLY METAL	3061288-1	2	AL/A	NEW

12. Remarks:

EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA.

SERIALIZATION NOT REFERENCED IN BLOCK 10 IS NOT REQUIRED OR TRACEABLE BY HONEYWELL INTERNATIONAL INC. REFERENCE FAA ORDER 8130.21

13a. Certifies the items identified above were manufa Approved design data and are in a cond Non-approved design data specified in E	ition for safe operation.	14a. 14 CFR 43.9 Return to Service				
13b. Authorized Signature: Horize Milnor-	13c. Approval/Authorization No.: ODA-602216-NM	14b. Authorized Signature:	14c. Approval/Certificate No.:			
13d. Name (Typed or Printed): Florie McCrone	13e. Date (dd/mmm/yyyy): 24/OCT/2016	14d. Name (Typed or Printed):	14e. Date(dd/mmm/xyyy):			

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 Block1, 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 Block1. 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.

NSN: 0052 - 00 - 012 - 9005

CERTIFIED TRUE COPY of the original certificate retained on file with Bombardier Q
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	3/17-				OMB Control No. 2120-C
Autho	oving Civil Aviation ority/Country: United States	FAA form 81	130-3, AIRWORTHINESS	CERTIFICATE APPROVAL TAG	3. Form Tracking Number: 890101950703 - 1
4. Orgar	ization Name and Address: Learje 251A	PRODUCTION CERTIFICATE 329 t Inc. Wille Road, Des Plaines, Illinois US 60018-181			5. Work Order/Contract/Invoice Number: 7078278
6.ltem:	7.Description:	8.Part Number:	9.Quantity:	10.Serial Number:	110
1	KIT, ACC, BRACKET, METER	4573140001-801	1	N/A	11.Status/Work:
	marks: AIRWORTHINESS APPROV				
		This document has been issued according to an appi	voved computer generated signature	e procedure	
13a. Ce	Approved design data and are in a	condition for safe operation.	Certifies that unless described in Block 1	otherwise specified in Block 12, the 12 was accomplished in accordance	••
	thorized Signature:	13c. Approval/Authorization No.: ODA-501508-CE	14b. Authorized S	Signature:	14c. Approval/Certificate No.:
	ne(Typed or Printed): ve Zielinski	13e. Date (dd/mmm/yyyy): 21/OCT/2016	14d, · Name (Typed	l or Printed):	14e. Date (dd/mmm/yyyy):
			taller Responsibilities		
Where the u	ser/installer performs work in accordance with ti septs engine(s)/propeller(s)/article(s) from the a	nent alone does not automatically constitute authority to install he national regulations of an airworthiness authority different t irworthiness authority of the country specified in block 1. ion certification. In all cases, aircraft maintenance records mus	than the airworthiness authority of t	he country specified in Block 1, it is essential th	nat the user/installer ensures that his/her airworthiness

FAA Form 8130-3(2-14)

Paperwork Reduction Act Statement:

NSN: 0052-00-012-9005

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perator:	GEORGIA	CROWN DT	STRIBUTING CO.				Work Car	rd No.: 75-7	3-01 R1	
erial No.:			Model: LEARJET 75	;			Madadaand	an Na .		
eg No.:	N877W						Workorde	er No.:		
	Date(DI	/MMM/YYYY)	A/C HRS	AFL	Al	PH	<u> </u>			
Due At			915.5)17	7					
omplished	04-NO	7-16	1 1 12	<u>, , , , , , , , , , , , , , , , , , , </u>	<u></u>					
		M		1_			AD2401	1211		
HNICIAN	SIGNATURI	[MICHAEL W	, JOHNSON]		KIND OF CE	RTIFICATE & N	O.:AP3481	rati		
		_	/							
75-73-0	L R1	EN	GINE FUEL AND CONT	ROL - ENG	INE FUEL FLOV	V TRANSDUCE	R BRACKET RE	EPLACEMENT,	, SERVICE BL	ILLETIN
	:* 7 1		in pect	INED	:					
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Auth FAA	proving Civil Aviation hority/Country: A / United States	FAA form 813	30-3, AIRWORTHINESS A	CERTIFICATE APPROVAL TAG	
4. Orga	anization Name and Address: Learjet 251A \	PRODUCTION CERTIFICATE 3290 t Inc. Wille Road, Des Plaines, Illinois US 60018-1817			5. Work Order/Contract/Invoice Number: 7078278
6.Item:	7.Description:	8.Part Number:	9.Quantity:	10.Serial Number:	11.Status/Work:
1	KIT. ACC, BRACKET, METER	4573140001-801	1	N/A	Now
E I ALL MO	29512-10 has a shelf life EXP. Date of 12 <i>1</i> 31	1/2030.			
		This document has been assued according to an approx	oved computer generated signature	a procedure	
13a. Ce	ertifies the items identified above were Approved design data and are in a c	condition for safe operation.	Certifies that unless to described in Block 1:	R 43.9 Return to Service otherwise specified in Black 12. th 12 was accomplished in accordance and in respect to that work, the in	•
	uthorized Signature: Sturn H. Juliuk	13c. Approval/Authorization No.: ODA-501508-CE	14b. Authorized Si	ignature: · · · · ·	14c. Approvel/Certificate No.:
	ame(Typed or Printed): eve Zielînski	13e. Date (dd/mmm/yyyy): 21/OCT/2016	14d. · Name (Typed	or Printed):	14e. Date (dd/nunm/yyyy):
		User/Insta	aller Responsibilities		
Where the u authority ac	user/installer performs work in accordance with the ccepts engine(s)/propeller(s)/erticle(s) from the airly	tent alone does not automatically constitute authority to install the national regulations of an airworthness authority different that rworthness authority of the country specified in block 1.	an the airworthiness authority of th		that the user/insteller ensures that his/her eirworthiness

FAA Form 8130-3(2-14)

NSN: 0052-00-012-9005



Page 1 of 1

SERVICE BULLETIN STATUS THIS VISIT

ENGINE SERIAL: P	137180	ENGINE MODEL NO:	TFE731-40BR-1B 3062075-1	TSN:	1193.3	CSN:	1157

STATUS	DATE	BULLETIN	REV	CAT	DESCRIPTION
C/W	7/3/2017	72-5247	R0	2	REPLACE FAN STATOR VANE ASSY 3060163-3/-4/-5 WITH 70060130-1
N/A	6/8/2017	72-5251	R0	2	E/C SPECIFIC LPT2 BLADES P/N 3075424
N/A	6/8/2017	72-5256	R0	1	IDENTIFY AND REPLACE SPECIFIC FAN DISCS P/N 3060287-2

StandardAero, AUGUSTA, GA Certified Repair Station GW4R221M By: AG 5 7/3/2017

GEORGIA CROWN DISTRIBUTING CO. 5290 ARMOUR ROAD COLUMBUS, GA, USA, 31909

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

Work Order #:

Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
04-Oct-2017	1339.7	1279			1290.3	1235			

04-0	ct-2017	1339.7	1279			1290.3	1235				
No.	Task No./I	Position	1	Description							
1	TFE731-72-	5221			075424-2, -3, S	ERVICE BULLE		IRE SECOND STAGE	TURBINE (LPT2) F	ROTOR	
			MICRETTER	Update Note		GINE MODEL L		ON DECLII ATTON O	400 (E) (3) AND		
		RN TO SERVICE	EEN INSPECTED	OB REPAIRED IN A	CCORDANCE W	11H CORRENT	FEDERAL AVIATIO	ON REGULATION 91	.409 (F) (3) AND		
	Work P	Performed By:	MICHAEL	W. JOHNSON	for	_	Certificate #:	AP3481311			
	Work I	inspected By:			/		Certificate #:	8 			

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BOMBARDIER

perator:	GEORGIA CRO	WN DIST	RIBUTIN	G CO.				Work Car	d No.: TFE731	-72-5221
Šerial No.: I Part: 3 A/C Serial 4	P137180 3062075-1	Mod	del: TFE :	731-40BR- N877W	1B			Workorde	er No.:	
y C Seriai •	1 3-730	,,,,,								
	Date(DD/MMN	4/YYYY)	A/C HR	es	AFL	ENG. HI	ષ્ક	ENC		
Due At										_
complished	04-OCT-17		339.70	127	9					
F) (3) AND	APPROVED FOR	RAFT HAS E RETURN T CHAEL W. JO	cha	PECTED OR	11	IN ACCORDAN				EGULATION 91.409
FAA 2012	-			ENGINE - L	PT2 ROTOR	BLADES - RE	MOVE/IN	ISPECT		
	Amender	ment No:		Effectiv	ve Date: 01	-OCT-2012	Next Co	ompliance Due Da	ite Hours/Other:	
Cc	COMPLIES	All text adde Ex: MOC of	"Complied Vi	DECLINE ote" field will be fith" and a Not	e presented as	part of the MOC facture" will displ	DEFERRE selection ay as "Con	D through the application of the properties of t	NOT APPL on. ufacture"	LICABLE
								The second secon		
					rech 🖊	カゴ	INSP		LABOR-HRS HRS.THS	·
SB TFE731-	72-5221	NO. 2 PN 307	ENGINE - 75424-2, -		PECIFIC IDE	NTIFIED LOW		JRE SECOND STA	HRS.THS	T2) ROTOR BLADE
SB TFE731-	COMPLIEC	PN 307	/5424-2, -	REPLACE SF 3, SERVICE	PECIFIC IDE BULLETIN	L	PRESSU	D	HRS.THS GE TURBINE (LP	
	COMPLIEC	PIN 307 D WITH All text addes	d to the "Na	REPLACE SF 3, SERVICE DECLINE	PECIFIC IDE BULLETIN	next of the MOC	PRESSU DEFERRE		HRS.THS	PT2) ROTOR BLADE

04-OCT-2017 WID: 26608440-1

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BOMBARDIER

perator: G	EORGIA CROWN DIS	STRIBUTING CO.		Work Card No.: TFE731-72-5221								
Serial No.: P Part: 3	137180 N 062075-1	1odel: TFE731-4 0	BR-1B	Workorder No.:								
A/C Serial 4	5-496 F	Reg No.: N877W	1									
	Date(DD/MMM/YYYY)	A/C HRS	AFL		ENG. HRS		ENC					_
Due At								-		_	_	
ccomplished	04-OCT-17	1339.70	1279									
25020	NO). 2 ENGINE - 2ND-S	STAGE LOW	PRES	SURE TURBINE ((LPT) DI	SC	LM	M 72-5)-04		
IFE LIMIT					.e a reas	* * * * *						
EASON REMOVE CHECK ONE)	TIME EXPIRED MOD/UPGRADE	FAILURE SERVICE	WORN ENGINE CHAI	NGE	LOANER TIRE CHANGE		CHEDULING CONV WAP/TRBLE SHOO	F	ED	: 1	UNKNOW	N
		If removed P/N &	S/N informat	ion is	incorrect please p	orovide d	etails below.					
REMOVED P/I	3060611-1			S/N	12-156103-00	810				LABOR	R-HRS	
NSTALLED P/I				S/N						PART C	OST\$	
NSTALLED TS		INSTALLED TSO M	os		TIME SINCE	MOS		WARRANTY REMAI		MOS		
	HRS	1	RS		REPAIR	HRS		KEMAI	INTING	HRS		
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							TECH:		INS	P:		
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04-OCT-2017

WID: 26608440-2

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GEORGIA CROWN DISTRIBUTING CO. LAGRANGE CALLAWAY AIRPORT 203 AIRPORT PARKWAY LAGRANGE, GA, USA, 30240

TFE731-40BR-1B 3062075-1 S/N: P-137180

On Aircraft Reg: N877W Serial: 45-496

			_			,	Work Ord	er#:			
	Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts		
21-Se	ер-2021	0	0			2949.9	2940				
No.	Task No./F	Position	•	Description	·		· ······				
1	R01)	-5256 R01 (D2015	06000038	SUSPECT SHO	T PEENED ROLL	ED EDGES ON T	FE731-20 AND -4		CS, PN 3060287-2, LS, SERVICE BULLI		
FRTTE	Y THAT THIS	AIRCRAFT HAS B	FEN INSPECTED (Method Of C	·						····
	ED FOR RETU	AIRCRAFT HAS BI RN TO SERVICE. erformed By:	1	OR REPAIRED IN A	·	ITH CURRENT FE		N REGULATION 9		1	



							7
ENGINE X MODULE SERIAL NUMBER	P137180	AIRWORTH COMPLIAN	PAGE\				
AD NUMBER	SUBJECT	DATE AND ENGINE TOTAL TIME IN SERVICE AT COMPLIANCE	METHOD OF COMPLIANCE	ONE TIME	RECUR RING	NEXT COMP. DUE DATE/ HOURS	AUTHORIZED SIGNATURE AND NUMBER
2014-12-52	LPT2 Blade Soparation	7-21-14 & hours & cycles	AMOC 1402-14-229		NA	АА	Jim Bearly 3
2012-16-14	LPT2 Robo- Blades	7-21-14 & hours & cycles 10.14.2017 12903847 1235 ayoles	N/A		i		MilDe
			1	ŀ	1		

GEORGIA CROWN DISTRIBUTING CO. 5290 ARMOUR ROAD COLUMBUS, GA, USA, 31909

TFE731-40BR-1B 3062075-1 S/N: P137180

On Aircraft Reg: N877W Serial: 45-496

	Order #:
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Date	A/C HRS	A/C AFL	ENG 1 HRS	ENG 1 ENC	ENG 2 HRS	ENG 2 ENC	APU HRS	APU Starts	
04-Oct-2017	1339.7	1279			1290.3	1235			

04-0	ct-2017	1339.7	1279		129	0.3	1235				
No.	Task No./	Position		Description							
1	FAA 2012-1	16-14		NO. 2 ENGINE -	ENGINE - LPT2 ROT	FOR BLADES	5 - REMOVE/INS	SPECT			
				Method Of Con	npliance:	NOT	APPLICABLE				
				Update Note:	NA PER ENGINE	MODEL LIST	ED IN AD				
CERTIF	Y THAT THIS	S AIRCRAFT HAS	BEEN INSPECTED	OR REPAIRED INVACO	CORDANCE WITH C	URRENT FE	DERAL AVIATIO	N REGULATION 9	1.409 (F) (3)	AND	
APPROV	ED FOR RETU	JRN TO SERVICE		//	// /						
	Work	Performed By:		Jechaf	Vi C	e	rtificate #:	AP3481311			
			MICHAE	. W. JOHNSON							
	Work 1	Inspected By:			/	Ce	ertificate #:				
			-								

BOMBARDIER CHECK CURRENT DUE LIST FOR DUE TIME CHANGES Work Card No.: FAA 2012-16-14 GEORGIA CROWN DISTRIBUTING CO. Serial No.: P137180 Model: TFE731-40BR-1B Workorder No.: 3062075-1 Reg No.: **N877W** A/C Serial 45-496 Date(DD/MMM/YYYY) A/C HRS **AFL ENG. HRS ENC** 3000 3049,4 01-OCT-2017 Due At 1339.70 1279 Accomplished | 04-OCT-17 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED OR REPAIRED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATION 91.409 (F) (3) AND APPROVED FOR REMURN TO SERVICE -KIND OF CERTIFICATE & NO.: AP3481311 **TECHNICIAN SIGNATURE** [MICHAEL W. JOHNSON] NO. 2 ENGINE - ENGINE - LPT2 ROTOR BLADES - REMOVE/INSPECT FAA 2012-16-14 Amendement No: Effective Date: 01-OCT-2012 Next Compliance Due Date Hours/Other: _

DECLINED

Compliance Note: AD2012-16-14 is not applicable due to engine model was not listed in AD.

AD2012-16-14 is not applicable due to engine model was not listed in AD. AD2012-16-14 is not applicable due to engine model was not listed in AD.

		TECH	MJ	INSP	LABOR-HRS ' HRS.THS '
SB TFE731-72-5221	NO. 2 ENGINE - PN 3075424-2, -	REPLACE SPECIFIC 3, SERVICE BULLET	IDENTIFIED LO	W PRESSURE SE	COND STAGE TURBINE (LPT2) ROTOR BLADES,
COMPLIES					
COMPLIE		DECLINED	<u> </u>	_ DEFERRED	NOT APPLICABLE
	All text added to the "No. Ex: MOC of "Complied W	te" field will be present ith" and a Note of "At I	ed as part of the MC Manufacture" will dis	PC selection through play as "Complied W	the application. Vith - At Manufacture"
Compliance Note:	AD2012-16-14 is not	applicable due to e	ngine model was	not listed in AD.	
	AD2012-16-14 is not	applicable due to e	ngine model was	not listed in AD.	
	AD2012-16-14 is not	applicable due to e	ngine model was	not listed in AD.	
		TECH	MJ	INSP	LABOR-HRS HRS.THS ·

All text added to the "Note" field will be presented as part of the MOC selection through the application.

Ex: MOC of "Complied With" and a Note of "At Manufacture" will display as "Complied With - At Manufacture"

M-

DEFERRED

04-OCT-2017 WID: 26608033-1 Return completed copy via email to fax@campsystems.com > INDICATES DUE ITEMS

COMPLIED WITH

© CAMP SYSTEMS

		1	of	2
Total Pages =	, Initial			

NOT APPLICABLE

MP plation from the g	round up	BOMBARD	IER				CHECK	CURRENT D	OUE LIST FOR D	OUE TIME CH	IANGES	
perator: G	EORGIA	CROWN DIS	TRIBUTING CO.					Work Ca	ard No.: FAA 20	12-16-14		
art: 30	A/C Serial 45-496 Reg No.: N877W					Workorder No.:						
<u> </u>	Date(DD	/MMM/YYYY)	A/C HRS	AFL		ENG. HRS		ENC				
Due At	01-OCT		3049.4			3000						
Accomplished	04-OCT		1339.70	1279								
725020		NO	. 2 ENGINE - 2ND-	STAGE LOW	PRES	SURE TURBINE ((LPT) DI	SC	LMM 72-!	50-04		
REASON REMOVE (CHECK ONE)	٠. ا <u></u>	ME EXPIRED	FAILURE SERVICE	WORNENGINE CH/	NGE	LOANER TIRE CHANGE	;===	CHEDULING CONV		UNKNO	wn	
			If removed P/N &	S/N informa	tion is	incorrect please p	provide d	etails below.				
REMOVED P/N	30606	11-1			S/N	12-156103-008	810			LABOR-HRS	leasend	
INSTALLED P/N	L				S/N					PART COST\$	Homeral	
INSTALLED TSN	MOS	Dhilypas:	INSTALLED TSO M	OS Mailizaveti		TIME SINCE	MOS 🗵	cincent	WARRANTY TIME REMAINING	L'ALLEN		
		Philippaé.		RS SHITTING		REPAIR	HRS 🕸	cilicani	KLIMATATIVO	HRS LAPIGE	- 2111	
	LDGS	Distinguar!	LDO	SS Stationers			LDGS	chicavit		LDGS (Lauren	ari	

REMARKS: AD2012-16-14 is not applicable due to engine model was not listed in AD.

AD2012-16-14 is not applicable due to engine model was not listed in AD.

AD2012-16-14 is not applicable due to engine model was not listed in AD.

04-OCT-2017 WID: 26608033-2 © CAMP SYSTEMS

2 of 2





			LIFE LIMI	TED PART	LOG		
ASSEMBLY NAM	ме:		PART	NUMBER:			SERIAL NUMBER:
	ART NAME: SPINN	IER ENG INL		NUMBER: 3060156	5-2		SERIAL NUMBER: 13-5060-00131
	ED PER FAR PART 2 ERTIFICATE PC413		SIGNA	TURE OR ACCEPTA	NCE STAMP: 295		
DATE	DATE	ENGINE		HIS INSTALLATION	TOTAL TIM	E ON PART	SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	SIGNATURE/ FAA NOMBER
02/12/2014		P137180	·				

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD DATE MAINTENANCE PERFORMED **AUTHORIZED SIGNATURE**

Honeywell

			LIFE LIMI	TED PART	LOG		
ASSEMBLY NA	ASSEMBLY NAME: FAN ROTOR ASSEMBLY			NUMBER: 3060155	SERIAL NUMBER: 13-162246-00720		
LIFE LIMITED PART NAME: DISK, FAN			PART	NUMBER: 3060287	-2	_	SERIAL NUMBER: 13-162246-00720
PRODUCTION C	ED PER FAR PART 21 CERTIFICATE PC413	UNDER	SIGNA	TURE OR ACCEPTA	NCE STAMP: 295		
DATE	DATE	ENGINE		HIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	SIGNATORE/TAX NOMBER
02/12/2014		P137180					
							
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		· ·					Company (
SEE SERVICE LIE	SE LIMITS OF CRITIC	ALLIFE LIMITED COMPONENT					DV 2107.7/0

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD					
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE			
16 Jul 2016	Re-applied paint to disc and blader per the TFF 231 maintenance manual 72-03-06 RIS and performed static weight check on blades & dynamic balance et assy.	StandardAero 5 GW4R221M			

Customer: 137180

Started: 07/15/2016 17:49.47

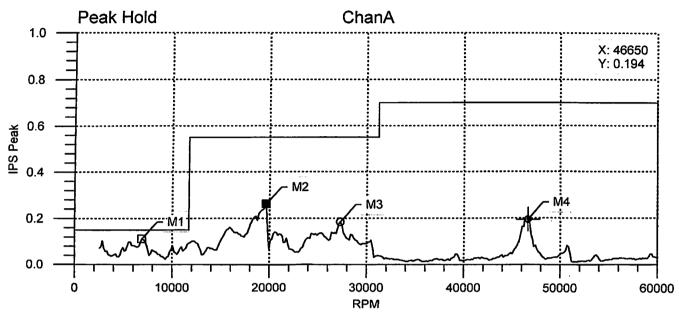
A/C Reg:

Eng S/N: 137180 Eng Pos: 2

Condition: ACCEL Channel A: ChanA

Status: D Finished: No A/C Total TM: 0.0

TSO: 0.0 TSN: 0.0



========		====== Pe	ak List ====	
X	Y	Frequency	Amplitude	Label
(RPM)	(IPS Peak)	(RPM)	(IPS Peak)	
6900	0.112	6900.00	0.112	M1
19650	0.261	19650.00	0.261	M2
27300	0.184	27300.00	0.184	M3
46650	0.194	46650.00	0.194	M4

Honeywell Diskbal Compressor/Turbine

DiskBal Version 2.60 07-15-2016 15:07:17 Part File Version 2.6 Operator 63767

Disk Part Number 3060287 Bypass Civil **Balance Radius** Disk Serial Number 13-162246-00720

3060155**

Engine Serial Number 137180 Work Order 327791

Assembly Part Number

Disk Slot	Blade No.	Weight(gm)
	Blade 15	3512.100
2	Blade 17	3494.500
2 3 4	Blade 6	3437.500
4	Blade 25	3515.100
5	Blade 14	3459.700
6 7	Blade 26	3428.100
	Blade 22	3440.800
8	Blade 2	3447.100
9	Blade 4	3450.400
10	Blade 30	3450.300
11	Blade 18	3458.200
12 13	Blade 19	3458.500
	Blade 11	3507.600
14	Blade 7	3475.600
15	Blade 5	3472.400
16	Blade 20	3440.800
17	Blade 27	3514.300
18	Blade 29	3498.300
19	Blade 28	3424.300
20	Blade 13	3506.500
21	Blade 21	3497.800
22	Blade 8	3406.100
23	Blade 16	3423.800
24	Blade 1	3493.900
25	Blade 12	3426.300
26	Blade 10	3439.400
27	Blade 24	3432.600
28	Blade 3	3487.200
29	Blade 9	3505.800
30	Blade 23	3474.100

Sample Statistics (gm)

Minimum	3406.100
Maximum	3515.100
Average	3465.970
Range	109.000
Disk Unbalance(oz-inch)	0.000
Disk Unbalance Angle	0
•	

Assy Unbalance Amt.(oz-inch) 0.000 Assy Unbalance Angle 104





		L	IFE LIMI	TED PART	LOG		
ASSEMBLY NAME: COMPRESSOR ROTOR ASSY 1ST STAGE PART NUMBER: 3070440-24 SERIAL NUMBER: 13-162045-00698							
LIFE LIMITED PART NAME: DISK, AXIAL COMPRESSOR, TURBINE E PART NUMBER: 3060372-1 SERIAL NUMBER: 13-162045-00							SERIAL NUMBER: 13-162045-00698
PRODUCTION C	ED PER FAR PART 2 CERTIFICATE PC413			TURE OR ACCEPTA			
DATE	DATE	ENGINE		HIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	STOTATIONE? TAN NOMBER
02/12/2014		P137180					
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		'ALLIFE LIMITED COMPONENTS. F					DV 1107 740

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD **AUTHORIZED SIGNATURE** MAINTENANCE PERFORMED DATE CRSCW4R221M 03 JUL 2017 CIW UNSCHEDULED CORE ENTRY INSP. REQ.

Honeywell

			LIFE LIMI	TED PART	LOG		
ASSEMBLY NA	ASSEMBLY NAME: COMPRESSOR ROTOR ASSY - STG 2 PART NUMBER: 3075841-3 SERIAL NUMBER: 13-162045-0081						
LIFE LIMITED F	ART NAME: DISK, L	PC ROTOR-STG 2	PART	NUMBER: 3075839	-1		SERIAL NUMBER: 13-162045-00818
	ED PER FAR PART 21 CERTIFICATE PC413			TURE OR ACCEPTA			
DATE	DATE	ENGINE		IIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	
02/12/2014		P137180					
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD DATE **MAINTENANCE PERFORMED AUTHORIZED SIGNATURE** 03JUL 2017 PROWARZZIM CIW UNSCHEDULED CORE ENTRY INSP. RFQ.



LIFE LIMITED PART LOG ASSEMBLY NAME: COMPRESSOR ROTOR ASSY, AXIAL, TURBINE EN PART NUMBER: 3072417-12 SERIAL NUMBER: 13-162045-00656 LIFE LIMITED PART NAME: DISK, AXIAL COMPRESSOR, TURBINE E PART NUMBER: 3060374-1 SERIAL NUMBER: 13-162045-00656 MANUFACTURED PER FAR PART 21 UNDER SIGNATURE OR ACCEPTANCE STAMP: 295 PRODUCTION CERTIFICATE PC413 TIME ON PART THIS INSTALLATION DATE ENGINE TOTAL TIME ON PART DATE SIGNATURE / FAA NUMBER INSTALLED **REMOVED** SERIAL NUMBER CYCLES* HOURS CYCLES* **HOURS** 02/12/2014 P137180

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE				
03 JUL 2017	UNSCHEDULED CORE ENTRY INSP. REQ.	ATTO-	AG CRSCW4R221M			



LIFE LIMITED PART LOG							
ASSEMBLY NAME: COMPRESSOR ROTOR ASSY, AXIAL - STAGE 4 PART NUMBER: 3075351-12 SERIAL NUMBER: 13-162053-54							ERIAL NUMBER: 13-162053-54870
LIFE LIMITED PA	ART NAME: DISK,	AXIAL COMPRESSOR, - STAGE 4	PART N	NUMBER: 3075326-	.5	S	ERIAL NUMBER: 13-162053-54870
MANUFACTURE PRODUCTION C	ED PER FAR PART : ERTIFICATE PC41:	3		TURE OR ACCEPTAN			
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TH CYCLES*	IS INSTALLATION HOURS	TOTAL TIM	HOURS	SIGNATURE / FAA NUMBER
02/12/2014		P137180					

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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE				
03JUL 2017	clw unscheduled core entry insa req.	AG 5	CRSGW4R221M			

Honeywell

LIFE LIMITED PART LOG								
ASSEMBLY NAM	ИE:		PART I	NUMBER:		SERIAL NUMBER:		
LIFE LIMITED PA	ART NAME: COMI	PRESSOR, ROTOR, CENTRIFUGAL	PART	NUMBER: 3060371-	1		SERIAL NUMBER: 13-182449-09493	
PRODUCTION C	ED PER FAR PART : ERTIFICATE PC41	3		TURE OR ACCEPTAN				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TH	IS INSTALLATION HOURS	TOTAL TIM	HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD					
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE			

Honeywell

LIFE LIMITED PART LOG							
ASSEMBLY NAME:			PART NUMBER:			SERIAL NUMBER:	
LIFE LIMITED PART NAME: SEAL PLATE, HPT			PART NUMBER: 3060514-1			SERIAL NUMBER: 13-182449-08997	
MANUFACTURED PER FAR PART 21 UNDER PRODUCTION CERTIFICATE PC413 SIGNATURE OR ACCEPTANCE STAMP: 295							
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART THIS INSTALLATION TOTAL T CYCLES* HOURS CYCLES*			IE ON PART	SIGNATURE / FAA NUMBER
	REMOVED	P137180	CICLES	nooks	CYCLES*	HOURS	
02/12/2014		113/180					
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD MAINTENANCE PERFORMED **AUTHORIZED SIGNATURE** DATE



			LIFE LIMI	TED PART	LOG			
ASSEMBLY NAM	ИЕ :		PART	NUMBER:		SERIAL NUMBER:		
		, AIR, ROTATING	PART	NUMBER: 3060698	-1	-	SERIAL NUMBER: 12-162053-47086	
PRODUCTION C	D PER FAR PART ERTIFICATE PC41	3		TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TO	HIS INSTALLATION HOURS	TOTAL TIM	HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180			0.000			
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LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE				

		· · · · · ·	LIFE LIMI	TED PART	LOG			
ASSEMBLY NAME: HPT ROTOR ASSEMBLY			PART NUMBER: 3060555-5			SERIAL NUMBER: 12-156111-00365		
LIFE LIMITED P	PART NAME: DISK, T	URBINE ROTOR - HP	PART	NUMBER: 3060841	-1		SERIAL NUMBER: 12-156111-00365	
	ED PER FAR PART 21 CERTIFICATE PC413		SIGNA	TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART T	HIS INSTALLATION HOURS	TOTAL TIM	E ON PART HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
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SEE SERVICE LE	E I MITC OF CIVERS	AL LIFE LIMITED COMPONENT					D. W.	

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD MAINTENANCE PERFORMED DATE **AUTHORIZED SIGNATURE**

]	LIFE LIMITI	ED PART I	LOG		
ASSEMBLY NA	ME: TURBINE ROT	OR ASSY - LP, FIRST STAGE	PART NU	MBER: 3060610-		SERIAL NUMBER: 12-156103-01094	
LIFE LIMITED P	ART NAME: DISK, R	OTOR - LP TURBINE, 1ST STA	PART NU	MBER: 3060625	-1		SERIAL NUMBER: 12-156103-01094
MANUFACTUR PRODUCTION C	ED PER FAR PART 21 CERTIFICATE PC413			RE OR ACCEPTAI			
DATE	DATE	ENGINE	TIME ON PART THIS I		TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	
02/12/2014		P137180					
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE				

	-		LIFE LIMIT	TED PART	LOG	· · · · · · · · · · · · · · · · · · ·	
ASSEMBLY NA	ME: TURBINE RO	TOR ASSY - LP, SECOND STAGE	PART 1	NUMBER: 3060608	-5		SERIAL NUMBER: 12-156103-00810
LIFE LIMITED P	PART NAME: DISK,	TURBINE ROTOR - LOW PRESSU	IRE, STG PART	NUMBER: 3060611	-1		SERIAL NUMBER: 12-156103-00810
	ED PER FAR PART 2 CERTIFICATE PC413		SIGNA	TURE OR ACCEPTA	NCF STAMP: A-75		
DATE	DATE	ENGINE		IIS INSTALLATION	TOTAL TIM	E ON PART	
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	SIGNATURE / FAA NUMBER
7-14-14		P137180	0.0	0.0	0.0	0.0	Jim Roody (3)
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

	LIFE LIMITED PART MAINTENANCE RECORD							
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE						
7/09/2014	INSPECTION PER 21-15477	May fine						

		L	IFE LIMI	TED PART	LOG		
ASSEMBLY NA	ME: TURBINE ROT	OR ASSY - LP, THIRD STAGE	PART	NUMBER: 3060626	-8		SERIAL NUMBER: 12-156103-00929
		ROTOR - LP TURBINE, STAGE 3	PART	NUMBER: 3060671	-2		SERIAL NUMBER: 12-156103-00929
PRODUCTION C	ED PER FAR PART 2 CERTIFICATE PC413			TURE OR ACCEPTA			
DATE INSTALLED	DATE REMOVED	ENGINE		HIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	
02/12/2014		P137180					
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CEE CERVICE LIE	T I IMITE OF COURSE	ALLIFF LIMITED COMPONENTS		<u> </u>			DV 1107.740

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

	LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE					



		}	LIFE LIMI	TED PART	LOG		
ASSEMBLY NAME: NOZZLE ASSY, LPT, STAGE I			PART	NUMBER: 3060666	_	SERIAL NUMBER: 13-3300-02512	
LIFE LIMITED P	PART NAME: SUPPOR	RT, STATIONARY SEAL, AIR	PART	NUMBER: 3060693	-1		SERIAL NUMBER: 13-3300-03364
PRODUCTION C	ED PER FAR PART 21 CERTIFICATE PC413			TURE OR ACCEPTA			
DATE	DATE	ENGINE		IIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	Joe William Company
02/12/2014		P137180					
				COMPATA FAR 42			

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD MAINTENANCE PERFORMED DATE **AUTHORIZED SIGNATURE**

			LIFE LIMIT	TED PART	LOG		
ASSEMBLY NA	ASSEMBLY NAME: NOZZLE ASSY, LPT, STAGE I			NUMBER: 3060666		SERIAL NUMBER: 13-3300-02512	
LIFE LIMITED P	PART NAME: SEAL, A	IR, STATIONARY	PART	NUMBER: 3073765	-12		SERIAL NUMBER: 13-3300-03420
PRODUCTION C	ED PER FAR PART 21 CERTIFICATE PC413			TURE OR ACCEPTA			
DATE	DATE	ENGINE		IIS INSTALLATION	TOTAL TIM		SIGNATURE / FAA NUMBER
INSTALLED	REMOVED	SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	HOURS	SIGNATORE/ FAA NOMBER
02/12/2014		P137180					
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD						
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE				

			LIFE LIMI	TED PART	LOG	-		
ASSEMBLY NAME: PART NUMBER:						SERIAL NUMBER:		
LIFE LIMITED PA	ART NAME: TIE RO	OD, THREADED ENDS	PART	NUMBER: 3074744	i-I		SERIAL NUMBER: 13P62792	
PRODUCTION C	ED PER FAR PART 2 ERTIFICATE PC413	.		TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TO	HIS INSTALLATION HOURS	TOTAL TIM	IE ON PART HOURS	SIGNATURE / FAA NUMBER	
02/12/2014	REITO VED	P137180	CICLES	HOOKS	Cicles	HOURS		
			-					

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD DATE MAINTENANCE PERFORMED **AUTHORIZED SIGNATURE**

LIFE LIMITED PART LOG								
ASSEMBLY NAME: PART NUMBER:						SERIAL NUMBER:		
LIFE LIMITED PA	ART NAME: DUCT	r, TRANSITION, TURBINE INTERST	PART	NUMBER: 3060694	-8		SERIAL NUMBER: 13-3300-02416	
PRODUCTION C	D PER FAR PART : ERTIFICATE PC41:	3		TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	CYCLES*	HOURS	CYCLES*	IE ON PART HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

	LIFE LIMITED PART MAINTENANCE RECORD							
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE						

			LIFE LIMI	TED PART	LOG			
ASSEMBLY NAM	ME:		PART	NUMBER:		SERIAL NUMBER:		
LIFE LIMITED P	ART NAME: CASE	, COMBUSTION CHAMBER	PART	NUMBER: 3060534	1-4		SERIAL NUMBER: 13-3300-02954	
PRODUCTION C	ED PER FAR PART 2 ERTIFICATE PC413	3		TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TO	HIS INSTALLATION HOURS	TOTAL TIM	HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
						<u> </u>		

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD							
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE					

LIFE LIMITED PART LOG							
ASSEMBLY NAM	ИE:		PART	NUMBER:		SERIAL NUMBER:	
	ART NAME: SHAF		PART	NUMBER: 3060366	-3		SERIAL NUMBER: 14P64042
PRODUCTION C	ED PER FAR PART : ERTIFICATE PC41:	3		TURE OR ACCEPTA			
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TI	HOURS	TOTAL TIN	IE ON PART HOURS	SIGNATURE / FAA NUMBER
02/12/2014		P137180	_				

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD							
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE					

LIFE LIMITED PART LOG								
ASSEMBLY NAM	ME:		PART	NUMBER:		SERIAL NUMBER:		
LIFE LIMITED PA	ART NAME: COUP	LING, SHAFT HP TURBINE	PART	NUMBER: 3060502	!-2		SERIAL NUMBER: 13-1034-40068	
PRODUCTION C	ED PER FAR PART 2 ERTIFICATE PC413			TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TI	HOURS	TOTAL TIM	HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
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^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD							
DATE	MAINTENANCE PERFORMED	AUTHORIZED SIGNATURE					



LIFE LIMITED PART LOG								
ASSEMBLY NAM	иE:		PART	NUMBER:		SERIAL NUMBER:		
		LING, REAR SEAL - HP SHAFT	PART	NUMBER: 3060599	9-3		SERIAL NUMBER: 13-1034-40494	
PRODUCTION C	ED PER FAR PART 2 ERTIFICATE PC413	3		TURE OR ACCEPTA				
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TI	HOURS	CYCLES*	4E ON PART HOURS	SIGNATURE / FAA NUMBER	
02/12/2014		P137180						
		-						
		-						
				-				
		İ						

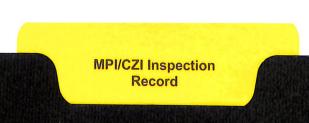
^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.

LIFE LIMITED PART MAINTENANCE RECORD DATE MAINTENANCE PERFORMED **AUTHORIZED SIGNATURE**



			LIFE LIMI	ΓED PART	LOG		
ASSEMBLY NAI	ME:		PART	NUMBER:			SERIAL NUMBER:
LIFE LIMITED P	ART NAME: SHAF	T FAN	PART	NUMBER: 3060180	-2		SERIAL NUMBER: 1216205002353
	ED PER FAR PART 2 ERTIFICATE PC413	3		TURE OR ACCEPTA			
DATE INSTALLED	DATE REMOVED	ENGINE SERIAL NUMBER	TIME ON PART TI	HIS INSTALLATION HOURS	TOTAL TIM	E ON PART HOURS	SIGNATURE / FAA NUMBER
02/12/2014	REMOVED	P137180	Cicco	nooks	CICLES	110013	
02/12/2014		1131100					
			<u> </u>				

^{*} SEE SERVICE LIFE LIMITS OF CRITICAL LIFE LIMITED COMPONENTS, ENTRIES SHALL COMPY TO FAR 43.



Note: The MPI and CZI inspection intervals identified herein are valid as of the time of MPI or CZI maintenance ONLY. These, and other engine inspection intervals, WILL change over time and, as a result, owner/operator is expressly advised NOT to rely on this information for engine maintenance planning and performance. Owner/operator is solely responsible for reviewing all subsequent approved data changes, and for managing any impact such changes may have on engine inspection intervals.

Honeywell TFE731 Turbofan Engine

MPI/CZI Inspection Record

Engine Model:	TFE731-40BR-1B	Engine Serial No.:	P137180
Enter initials or stamp in th	e C/W block for each	inspection accomplished.	

Enter calculated hours in the next due block

	C/W	API		CZI		
Date:	C/VV	Next Due	C/W	Next Due	Facility	Signature/Stamp
Date:		 		ŧ		
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NOZZLE DATA SHEET

ID.NO

LOT

4426077 14-1082-027

4423070 14-1082-024

4426072 14-1082-027

4426082 14-1082-027

4415191 14-1082-016

4423068 14-1082-024

4415185 14-1082-016

4426076 14-1082-027

4415188 14-1082-016

4415189 14-1082-016

3724084 13-1082-325

3724091 13-1082-325

3724088 13-1082-325

3724087 13-1082-325

3613366 13-1082-213

PRODUCTION

Honeywell international Inc. Engines & Systems

ENGINE S/N: P137180

Outline : 3062075-1

POS PART

3060840-6

3060840-6

3060840-6

3060840-6

3060840-6

3060840-6

3060840-6 3060840-6

3060840-6

10 3060840-6

11 3060840-4

12 3060840-4 13 3060840-4

14 3060840-4

15 3060840-5

Assy : 3061704-2

Rev : A

ΑE

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.809

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.806

.766

Date: 02/04/2014

Time: 08:24:59 AM

Prod Eng: **EVELYN MALDONADO**

Approved: JOE THORNER

	Δ .041	Pos 15 . 766	Δ040	-
Δ .002	Pos 13 _807	<u></u>	Pos 14 806	Δ .002
Pos 11 .809	Using Gree	n Felt Tip (water bas	se pen).	Pos 12 _808 Δ .035
Δ .035 Pos 9 .844 Δ .000	mark each position nu this data s assembly	Nozzle Segment wit imber, as illustrated heet. After completi and verification of po ove marking with wa	h required on on of osition	Pos 10 <u>.843</u> Δ .001 Pos 8 <u>.844</u>
Pos 7 .844 Δ .001 Pos 5				Pos 6 <u>.845</u> Pos 4 \(\Delta \) .000
_ .845 △ .000	Pos 3 . 845	Starting Point	Pos 2 . 845	<u>.845</u> ∆ .000
	Δ .001	Pos 1 846	Δ .001	

Total AE:12.442

A5 S/N:<u>/3-3300-025/2</u> With an AE of : 24.189

Engineer Approved:

A total of (15) two-vane segments with any combination of 3060840-4, 3060840-5 & 3060840-6 that is required to achieve a flow area of 12.00 to 12.720. The effective flow area of adjacent segments must not vary more than .040 sq in. A maximum variation in adjacent segments of .085 sq in is allowed at two locations only.



A₄/A₅ Engine Data Sheet

	-	A5 Area:	sq. i	n.	Date:	
Position N	-20/40/50/60 lozzle Segment Part and Dash	Engine Models Effective Flow Area (AE), sq. in	Ascending AE			Decending AE
1.		, ,, ,		s 15	Pos 14	
2.			Pos 13			Pos 12
3.			_			
4.			Pos 11			Pos 10
5						
6			Pos 9			Pos 8
7			-			
8			Pos 7			Pos 6
9						D 4
10			Pos 5			Pos 4
11			Pos 3		ing Point Po	s 2
12			_	-	Pos 1	
13			Af	it Look	ing Forward	
14.			_			
15.	Total A		_		cable maintered procedures	nance manual for s.
	· Star /			ain co g book	-	sheet with engine





PART NOMENCLATURE

DIGITAL ELECTRONIC ENGINE CONTROL

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NUMBER

2118882-8001

SERIAL NUMBE	R	93-BP0058	SERIES NUMBEI	3	1		CHANGE /MOD RECORD
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND REASON FOR REMOVAL
7-Feb-14	P137179	45-496	0	28.6/36	0	0	Removed and installed on enine P137180
-							Removed and installed on engine P137180 for Eroubleshooking Code 112. NI Comp age
30ec14	9137180	45-496	28.6/36		28.6	36	J
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COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENC	LATURE	FUEL CONTROL				PART NUMBER	3070800-47	
			7					
ERIAL NUMBEI	R	20398	SERIES NUMBER	₹	6		CHANGE /MOD RECORD	
			· 	•				
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		
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PART NOMENCLATURE

FUEL PUMP

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NUMBER

3060760-4

SERIAL NUMBE	R	3547	SERIES NUMBER	1	N/R		CHANGE /MOD RECORD	
							T	
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		
		<u>Li</u>						
			أحسينا والمتاليات					



PART NOMENCLATURE

OIL PUMP

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NUMBER

3060785-3

			-				-	
SERIAL NUMBE	R	1316225400153	SERIES NUMBER	R	N/R		CHANGE /MOD RECORD	
			_	,				
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		
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COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENC	LATURE	ACCESSORY GEARBOX	〈			PART NUMBER	3060827-4	
SERIAL NUMBE	R	S-4238	SERIES NUMBER	L.	1		CHANGE /MOD RECORD	
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		



PART NOMENCLATURE

L. P. FIRST STAGE TURB. NOZZLE ASSY.

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NUMBER

3060666-11

							1	
SERIAL NUMBER	?	13-3300-02512	SERIES NUMBER	L	N/R		CHANGE /MOD RECORD	
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		
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COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENO	CLATURE	TRANSFER GEARBOX				PART NUMBER	3070093-16	
SERIAL NUMBE	R	14P64285	SERIES NUMBER		N/R		CHANGE /MOD RECORD	
DATE	ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS/ CYCLES AT INSTALLATION	ENGINE HOURS/ CYCLES AT REMOVAL	TOTAL HOURS ON PART	TOTAL CYCLES ON PART	REPAIR FACILITY NAME AND	REASON FOR REMOVAL
12-Feb-14	P137180		0		0	0		
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COMPONENT MAINTENANCE / MODIFICATION RECORD CARD (RECORD CARD MUST TRAVEL WITH COMPONENT, REPAIR STATION OR ENGINE LOG BOOK)

PART NOMENCLATUR	E Motive	Flow Pu	mo	PAR	T NUMBER 70060003-1
SERIAL NUMBER /2 =	30003-00010SE	RIES NUMBER -	CH	ANGE/MOD RECOR	
ENGINE SERIAL NO.	AIRCRAFT SERIAL NO.	ENGINE HOURS AT INSTALLATION	ENGINE HOURS AT REMOVAL	TOTAL HOURS ON PART	DATE — STATION REASON FOR REMOVAL
P137180	45-496	1186-9			
					
					
				<u></u>	

COMPONENT MAINTENANCE / MODIFICATION RECORD CARD

(SERVICE BULLETIN COMPLIANCE, REPAIRS, INSPECTIONS, ETC.)

Date	MAINTENANCE PERFORMED	CHANGE/MOD RECORD	AUTHORIZED SIGNATURE
5/5/16	Functional Tested + Recentified Per CMM P-MFFP-1239/11 Rev C + OST CA/110/0001 S/0 5008832726		WmDnoth Ham
	P-MFFP-1239/11 Rev C + OST CA/110/0001		Honeywell 63
	5/6 5008832726		V Election dist
			2X-3107-77BA0