

LEFT

# ENGINE DATA

Model No TFE731-3-2AP Part No 3072300-AP

Serial No P-75137C

Net Thrust - Takeoff 3700 Maximum continuous 3700

Specific fuel consumption. Lb./Hr. - Lb 0.506 MAX.

High Pressure Turbine Discharge Temperature Deg. F

Deg. C

Fuel - See Aircraft Flight Manual

Oil - See Aircraft Flight Manual

TOTAL ENGINE WEIGHT 778 LBS.

1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 244386
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Organization Name and Address: Landmark Aviation, AGS 550 Hangar Road Augusta, GA 30906	5. Work Order, Contract, or Invoice Number: 244386
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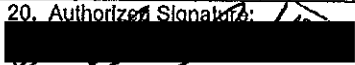
Item:	7. Description:	8. Part Number:	9. Eligibility*:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	TFE731-3-2AP TURBOFAN ENGINE	3072300-2	N/A *	1	P-75137	REPAIRED

3. REMARKS  
I.A.W 150-200, 300-400, 600-800, 1000-1500 hr periodic inspections, 1400 hr MPI, 1400 hr PLENUM, 4200 hr CZI, 4200 hr AN SUPPORT, 4200 hr GEARBOX inspections. Performed certification test cell run, vibration survey, leak check and ops check. Drained engine oil, preserved fuel system and prepared engine for shipment. All work accomplished I.A.W. TFE731 maintenance manuals 72-02-71 Rev 10 and 72-02-15 Rev 8.

ENGINE TSN: 10382.6 CSN: 7624

NOTE: FUEL SYSTEM DEPRESERVATION PROCEDURES MUST BE PERFORMED I.A.W. MAINTENANCE MANUAL.

certify that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval certificate number EASA.145.4973.

4. Certifies the Item Identified above were manufactured in conformity to: ] Approved design data and are in a condition for safe operation. ] Non-approved design data specified in Block 13		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished with Title 14, Code of Federal Regulations, part 43 and in respect to the work, the items are approved for return to service.	
5. Authorized Signature:	16. Approval Authorization No:	20. Authorized Signature: 	21. Approval/Certificate No: GW4R221M
7. Name (Type or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Mark Meredith	23. Date (m/d/y): July 29, 2008

**User/Installer Responsibilities**

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs works in accordance with the national regulations of an airworthiness authority different than the Airworthiness Authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.



# StandardAero

1200 North Airport Drive

Springfield, IL 62707-8417

Telephone: (800) 731-7371 Fax: (217)-535-3603

Date: 8/15/08

Customer	Engine Model	S/N	TSN	CSN
AGA Aviation LLC	TFE731-2-2B	P-73320 #(1)	8948.6	6926
Registration	Aircraft	S/N	ACTT	ACTL
N800GP	L35	158	15742.0	13593

- Complied with pre removal runs.
- Removed from the #1 position.

I certify that all maintenance performed on this engine was performed in accordance with current regulations of the Federal Aviation Administration. For details see work order **247748** on file with this agency.

StandardAero CRS UO2R221L Springfield, IL

[Redacted Signature]

.....End.....



# StandardAero


1200 North Airport Drive  
Springfield, IL 62707-8417  
Telephone: (800) 731-7371 Fax: (217)-535-3603

Date: 8/15/08

Customer	Engine Model	S/N	TSN	CSN
AGA Aviation LLC	TFE731-3-2B	P-75137 #(1)	10382.6	7624
Registration	Aircraft	S/N	ACTT	ACTL
N800GP	L35	158	15742.0	13593

- Installed on the # 1 position.
- Serviced with **Mobil 254** oil.
- Depreserved fuel system.
- Complied with all applicable runs, checks and adjustments.
- **NOTE: SOAP sample and fuel filter replacement required in 25 hours.**

I certify that all maintenance performed on this 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.  
For details see work\_order **247748** on file with this agency.  
StandardAero CRS UO2R221L Springfield, IL.

  
.....End.....

ENGINE   
MODULE   
SERIAL NUMBER \_\_\_\_\_

## SERVICE RECORD

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS

PAGE \_\_\_\_\_

CATE NUMBER \_\_\_\_\_

DATE	

*Northwest Flyers*

Schaumburg Regional Airport Schaumburg Illinois

N800GP TFE-731-2 P-75137C  
Date 04-25-08 TSN = 10,293.4hrs Cycles = 7544

I certify that this engine has been inspected in accordance with a 150/200 hour Inspection as per Priester Aviation, LLC's continuous aircraft maintenance program. The above inspection was determined to have been accomplished in an airworthy manner and therefore signifies an airworthiness release for the above inspection only.

Gene Scheuwimer [Redacted] Left engine

*Northwest Flyers*

Schaumburg Regional Airport Schaumburg Illinois

N800GP TFE-731-3 Right engine  
Date 6-20-08 ETT = 9731.6hrs SN# P-75137C  
Cycles = 6970

Complied with 200/400/800 hour inspections. Replaced 2ca. igniters  
PN#CH31815-2. Replaced fuel filter with PN#897830-1.(SB73-319 C/W)

Gene Scheuwimer [Redacted]

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

ENGINE   
 MODULE   
 SERIAL NUMBER \_\_\_\_\_

# SERVICE RECORD

PAGE \_\_\_\_\_

DESCRIPTION OF INSPECTIONS, REPAIRS AND OVERHAULS  
 ENDORSE ALL INSPECTIONS AND REPAIRS WITH NAME, RATING AND CERTIFICATE NUMBER

DATE	HOURS THIS FLIGHT	CYCLES THIS FLIGHT	ACCUMULATIVE TOTALS		REMARKS
			HOURS	CYCLES	
					<p><b>PRIESTER AVIATION, LLC</b>            N800GP <i>Left Engine</i>      PAL-WAUKEE AIRPORT, WHEELING IL.            DATE: 01/12/2009 Aircraft Time: 15,902.5 Landings: 13,714            S/N: 35A-158      Engine S/N: P-75137C      Engine Time: 10,543.1      Cycles: 7,725</p> <p>Complied with 150-250 Hour Engine Inspection Per Maintenance manual. Performed leak check. found normal at this time.</p> <p style="text-align: center;">-----END-----</p> <p>I certify that the above work has been accomplished and inspected as per Priester Aviation, LLC's <i>Continuous Aircraft Maintenance Program</i>. The above work was determined to have been accomplished in an airworthy manner and therefore signifies an Airworthiness Release. For the specified work, only.            Ref: W-00148802</p> <p>DATE 01/12/2009      ENGINE HOURS 10,543.1      ENGINE CYCLES 7,725</p> <p>Signed License _____ Matthew Backues A&amp;P            PRIESTER AVIATION, LLC      WHEELING, IL. 60090</p>
				TOTALS TO DATE	



# Standard Aero

1200 North Airport Drive

Springfield, IL 62707-8417

Telephone: (800) 731-7371 Fax: (217)-535-3603

Date: **04/02/09**

Customer	Engine Model	S/N	TSN	CSN
<b>Priester Aviation</b>	<b>TFE731-3-2AP</b>	<b>P75137 (#1)</b>	<b>10615.2</b>	<b>7781</b>
Registration	Aircraft	S/N	ACTT	ACTL
<b>N800GP</b>	<b>Lear 35</b>	<b>158</b>	<b>15974.6</b>	<b>13760</b>

- Removed oil tank sight glass p/n 421-517-9601 and screws p/n NAS1102E3-8, complied with **SB79-3057** by installing new sight glass p/n 3075532-2 and screws p/n NAS1101E3-8 from Honeywell.
- Serviced engine with 5 quarts of Mobil Jet 254 oil.

I certify that all maintenance performed on this 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.

For details see work order **255616** on file with this agency.

Standard/Aero CRS UO2R221L Springfield, IL.

  
.....End.....





# StandardAero

1200 North Airport Drive

Springfield, IL 62707-8417

Telephone: (800) 731-7371 Fax: (217)-535-3603

Date: 4/24/09

Customer	Engine Model	S/N	TSN	CSN
AGA Aviation	TFE 731-3-2AP	P-75137 (#1)	10640.9	7798
Registration	Aircraft	S/N	ACTT	ACTL
N800GP	Lear 35	158	16000.3	13777

- Dressed leading edges of 30 ea fan blades.

I certify that all maintenance performed on this 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.

For details see work order 256255 on file with this agency.

Standard Aero CRS UO2R221L Springfield, IL.

.....End.....

ENGINE   
MODULE   
SERIAL NUMBER

# SERVICE RECORD

PAGE \_\_\_\_\_

BER. \_\_\_\_\_

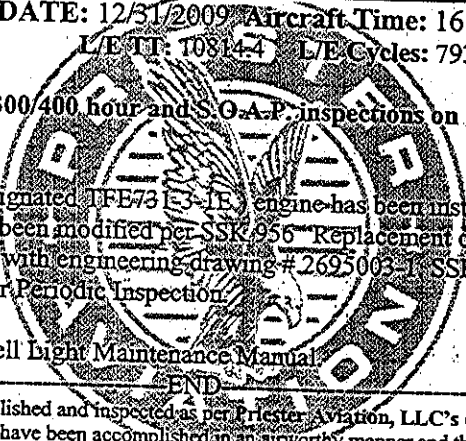
DATE

## PRIESTER AVIATION, LLC

PAL-WAUKEE AIRPORT, WHEELING IL.

N800GP #1 (L/H) Engine     DATE: 12/31/2009     Aircraft Time: 16173.8     Landings: 13916  
s/n: 35A-158

L/E TT: 10814.4     L/E Cycles: 7938



Complied with 150/200 hour and 300/400 hour and S.G.A.P. inspections on L/H (#1) engine.  
C/W engine run and leak check.

Note: TFE 731-3-2AP (formerly designated TFE731-3-1E) engine has been installed per STC SE00648CH.  
The installed accessory gearbox has been modified per SSK 956 "Replacement of Generator Spline Drive  
Coupler Adaptor" kit, in accordance with engineering drawing # 2695003-1. SSK956 dictates generator  
spline inspection due at engine Major Periodic Inspection.

All work accomplished per Honeywell Light Maintenance Manual

BND

I certify that the above work has been accomplished and inspected as per Priester Aviation, LLC's Continuous Aircraft Maintenance  
Program. The above work was determined to have been accomplished in an airworthy manner and therefore signifies an Airworthiness  
Release. For the specified work, only.

Signed/License \_\_\_\_\_  
PRIESTER AVIATION, LLC     WHEELING, IL 60090

Martin Stockwell A&P/IA \_\_\_\_\_

THIS CERTIFIES THAT THE TYPE OF INSPECTION LISTED AND SIGNED OFF IS IN ACCORDANCE WITH THE MANUFACTURER'S INSPECTION INSTRUCTIONS  
AS DEFINED IN CURRENT APPLICABLE MAINTENANCE MANUAL.

ENGINE   
MODULE   
SERIAL NUM

# SERVICE RECORD

DATE	HK	FL

**PRIESTER AVIATION, LLC** PAL-WAUKEE AIRPORT, WHEELING IL.  
N800GP *Left Engine* DATE: 02/19/2010 Aircraft Time: 16,206.7 Landings: 13,946  
S/N: 35A-158 Engine S/N: P-75137C Engine Time: 10,847.3 Cycles: 7,968

Complied with 1200 Hour Engine Oil Change, installed new Drain Plug O-ring P/N: S9413-557. Serviced Engine with Mobil 254. Performed leak check - No Faults Found at this time.  
END  
I certify that the above work has been accomplished and inspected as per Priester Aviation, LLC's Continuous Aircraft Maintenance Program. The above work was determined to have been accomplished in an airworthy manner and therefore signifies an Airworthiness Release. For the specified work, only.  
Ref.W-00181001

DATE 02/19/2010 ENGINE HOURS 10,847.3 ENGINE CYCLES 7,968  
Signed/License [redacted] Martin Stockwell A&P IA [redacted]  
PRIESTER AVIATION, LLC WHEELING, IL 60090

**PRIESTER AVIATION, LLC** PAL-WAUKEE AIRPORT, WHEELING IL.  
N800GP #1 (L/H) Engine DATE: 9/29/2010 Aircraft Time: 16422.1 Landings: 14130  
s/n: 35A-158 L/E TT: 11062.7 L/E Cycles: 8152

Complied with 150/250 hour and S.O.A.P. inspections on L/H (#1) engine. C/W engine run and leak check.  
Note: TFE 731-3-2AP (formerly designated TFE731-3-1E) engine has been installed per STC SE00648CH. The installed accessory gearbox has been modified per SSK 956 "Replacement of Generator Spline Drive Coupler Adaptor" kit, in accordance with engineering drawing # 2695003-1. SSK956 dictates generator spline inspection due at engine Major Periodic Inspection.

All work accomplished per Honeywell Light Maintenance Manual.  
END  
I certify that the above work has been accomplished and inspected as per Priester Aviation, LLC's Continuous Aircraft Maintenance Program. The above work was determined to have been accomplished in an airworthy manner and therefore signifies an Airworthiness Release. For the specified work, only.

Signed/License [redacted] Martin Stockwell A&P IA [redacted]  
PRIESTER AVIATION, LLC WHEELING, IL 60090



# StandardAero

## SERVICE BULLETIN RECORD

Page 1 of 6

ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
C/W	6/25/2008	72-3001	R 53	SERVICE LIFE LIMITS OF LIFE LIMITED COMPONENTS
N/A	1/11/2006	72-3019	R 1	INSPECTION OF TRANSFER GEARBOX BEARING SUPPORT
PCW	5/30/1984	72-3020	R 3	(2C)REPLACE TRANSFER GEARBOX BEARING SUPPORT
PCW	5/30/1984	72-3030	R 2	REPLACE FUEL AND OIL TUBES
PCW	5/30/1984	72-3031	R 0	REPLACE FIRE DETECTOR BRACKETS
PCW	5/30/1984	72-3033	R 1	(2C/OPT)REPLACE LOW PRESSURE TURBINE BEARING
PCW	5/30/1984	72-3042	R 7	(OPT -2)REMOVE COMBUSTOR 3072448-4
PCW	5/30/1984	72-3047	R 3	REPAIR OR REPLACE P2T2 SENSOR P/N 3070816-2
N/A	1/11/2006	72-3053	R 3	INSTALL IMPROVED LP 3RD STG TURBINE BLADE P/N 3072014-2
PCW	5/30/1984	72-3054	R 2	INSTALL PLANET BEARING P/N 3072775-1/-2
PCW	5/30/1984	72-3057	R 2	INSTALL IMPROVED LOW PRESS TURBINE ROTATING SEAL
PCW	5/30/1984	72-3058	R 0	INSTALL PLANET BEARING P/N 358733-4
PCW	5/30/1984	72-3067	R 2	INSTALL #1 SEAL CARRIER BOLTS P/N 145-131-9007
PCW	5/30/1984	72-3077	R 1	REPLACE BOLTS ATTACHING RETAINER PLATE TO PINION GEAR ASSEMBLY
PCW	5/30/1984	72-3078	R 1	INSTALL NEW BOLTS WITH LOCKWIRE FEATURE
PCW	5/30/1984	72-3085	R 11	REPLACE FAN SPINNER & RELATED ANTI-ICE COMPONENTS
N/A	1/11/2006	72-3086	R 2	REP/RWK 1st STAGE LPT NOZZLE
N/A	1/11/2006	72-3087	R 1	INCORPORATE REPLACEMENT TIE SHAFT
PCW	5/30/1984	72-3096	R 1	INCORPORATE REPLACEMENT LP SHAFT & SEAL ASSEMBLY
PCW	1/11/2006	72-3106	R 15	PERIODIC INSPECTION EXTEND INTERVALS -3 ENGINES
PCW	5/30/1984	72-3119	R 0	DECREASE TURBINE END SHAFT STRETCH DIMENSION ON LP TIE ROD
PCW	5/3/1984	72-3126	R 13	REWORK PLANETARIES
N/A	1/11/2006	72-3129	R 7	INCORPORATE BREATHER SYSTEM FOR NO. 4 & 5 BEARING SUMP AREA
PCW	5/30/1984	72-3133	R 1	INSPECT & REPLACE FAN BY-PASS STATOR ALIGNMENT PIN
PCW	5/30/1984	72-3136	R 3	REPLACE BEARING 358206 IN ACCESSORY GEARBOX
N/A	1/11/2006	72-3140	R 1	RPL TIE ROD S/N 6P11728, 6P11731, 6P11807, 6P21175
PCW	5/30/1984	72-3145	R 2	INTERNAL CORROSION PREVENTION
PCW	5/30/1984	72-3159	R 7	INSP AND/OR RPL TURBINE INTERSTAGE TRANSITION DUCT
PCW	6/6/2002	72-3164	R 2	(OPT -2)INTCHG OF 4TH STG AXIAL FLOW COMPRESSOR ROTOR ASSY
PCW	1/11/2006	72-3167	R 3	FAN SUPPORT GASKET REPLACEMENT
PCW	5/30/1984	72-3169	R 2	REPLACE IDENTIFIED HP ROTOR THRUST (NO.5) BEARING
PCW	5/30/1984	72-3174	R 4	INSTALL NEW OR RWK HIGH PRES COMPRESSOR DIFFUSER
PCW	5/30/1984	72-3177	R 1	REPLACE SHIPPING GASKET UNDER HP BLEED AIR PORT COVER



# StandardAero

## SERVICE BULLETIN RECORD

Page 2 of 6

ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	5/30/1984	72-3190	R 2	INSTALL REWORKED SPUR RING GEAR P/N 3077000-1/-2
PCW	5/30/1984	72-3224	R 0	INSPECT COMBUSTION CHAMBER LINER PN 3072674-3
N/A	3/27/2002	72-3225	R 1	REMOVE 1ST STAGE LPT BLADES PN 3072311-2
PCW	5/30/1984	72-3227	R 0	REPLACE LP COMPRESSOR BEARING HOUSING
PCW	5/30/1984	72-3237	R 3	INSTALL HP COMPRESSOR IMPELLER
PCW	1/11/2006	72-3239	R 3	(2C)RWK HP IMPELLER
PCW	5/30/1984	72-3252	R 2	INSPECTION OF SECOND STAGE LPT DISK
PCW	5/30/1984	72-3272	R 4	(INACT) INSPECTION OF LP TURB ROTOR ASSY DISKS
PCW	1/14/1998	72-3280	R 1	REPL/REWK COMPRESSOR INTERSTAGE DIFFUSER
N/A	1/11/2006	72-3281	R 1	REPLACEMENT OF LP FIRST STAGE TURBINE ROTOR
PCW	1/11/2006	72-3283	R 1	REPLACE 2nd STAGE LPT DISK
PCW	11/20/1987	72-3288	R 0	MOD TO PROVIDE POSITIVE RETENTION OF ENGINE NAMEPLATE
N/A	6/25/2008	72-3290	R 2	(INACTIVE) INCORPORATE IMPROVED ALT. G/S SEAL
PCW	6/6/2002	72-3293	R 1	REPLACE SHIM AT TRANSFER GEARBOX TOWER SHAFT HOUSING INTERFACE
PCW	11/20/1987	72-3298	R 3	( INACT) REPLACE/REWORK OUTER TRANSITION LINER
PCW	11/20/1987	72-3299	R 3	REPLACE/REWORK 2ND STAGE LP TURBINE NOZZLE
N/A	1/11/2006	72-3306	R 0	REMOVE 1ST STAGE LP TURB. DISK Ser. No. 2-18040-xxxx
PCW	11/20/1987	72-3309	R 4	INSP AND/OR RPR/REPL TURB. INTERSTAGE TRANSITION DUCTS
PCW	1/14/1998	72-3322	R 1	PERMANENTLY PLUG INTERSTAGE DIFFUSER BOROSCOPE PORT
PCW	2/2/1993	72-3328	R 6	(INACT) REPLACE FAN ROTOR ASSEMBLY CONTAINING DISK
C/W	7/28/2008	72-3346	R 1	WELD TITANIUM STRIPS TO VANES ON FAN BY-PASS STATOR
PCW	2/2/1993	72-3367	R 3	INSPECT A5 OPENING
PCW	2/2/1993	72-3370	R 1	REWORK ITT BOSSES
N/A	3/27/2002	72-3376	R 0	REPLACE SPECIFIC SERIAL NUMBERD HP TURB RTR DISK
PCW	2/2/1993	72-3380	R 0	INSTALL OUTER TRANSITION LINER W/TBC APPLIED
N/A	1/11/2006	72-3381	R 1	LOW SMOKE COMBUSTION SYSTEM
PCW	1/13/2006	72-3384	R 2	INSTALL FAN SHAFT OIL DEFLECTOR
N/A	1/11/2006	72-3388	R 0	INSPECT SPECIFIC SERIAL NUMBERED HP TURBINE DISK
N/A	1/11/2006	72-3393	R 1	( INACT) REPLACE/RWK FAN SUPPORT SHAFT AND HOUSING
PCW	6/6/2002	72-3397	R 2	INITIATE COMPONENT MAINT/MODIFICATION RECORD CARD
PCW	1/11/2006	72-3405	R 4	(2C/3D/MSP)REPLACE SHROUD RETAINING SLEEVE H.P.T.
PCW	2/2/1993	72-3408	R 0	(2C/MSP)REPLACE SPRING TENSION WASH 3000005-2/-56 with/-64
PCW	6/6/2002	72-3409	R 1	LPC 1ST STAGE BLADE RETAINERS



# Standard Aero

## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	6/6/2002	72-3410	R 1	LPC 2ND STAGE BLADE RETAINERS
PCW	6/6/2002	72-3411	R 1	LPC 3RD STAGE BLADE RETAINERS
PCW	1/14/1998	72-3416	R 6	INSTALL HPC SHROUD/ALUMINUM COATING
PCW	2/2/1993	72-3422	R 0	INSPECT PINION RETAINER
N/A	1/11/2006	72-3424	R 1	((INACT) REPLACEMENT OF SPECIFIC S/N FAN DISK ASSEMBLY
PCW	2/2/1993	72-3426	R 2	REWORK THIRD STAGE LPT NOZZLE
PCW	6/6/2002	72-3427	R 1	INSTALL HPC DIFFUSER INCORPORATING HONEYCOMB SEAL
PCW	1/11/2006	72-3429	R 1	REPLACE TIE BOLT
N/A	1/11/2006	72-3432	R 6	((INACT) INSPECTION OF FAN DISK (due at MPI)
PCW	1/11/2006	72-3449	R 0	INSTALL HPC SUPPORT WASHERS
PCW	6/6/2002	72-3455	R 3	TRANSFER TUBE SEALS
CW	7/28/2008	72-3458	R 11	EDDY CURRENT INSTRUCTIONS FOR FAN DISKS
N/A	1/11/2006	72-3469	R 3	INSTALL #3 CARBON SEAL AND ROTOR
PCW	2/2/1993	72-3471	R 2	REPLACE HPT NOZZLE SEAL SUPPORT
N/A	1/11/2006	72-3473	R 0	ADDITIONAL S.O.A.P.
N/A	3/27/2002	72-3474	R 0	REPLACE SPECIFIC 3RD STAGE LPT DISK
N/A	1/11/2006	72-3475	R 1	REPLACE NO.1 CARBON SEAL & ROTOR
PCW	2/2/1993	72-3476	R 1	INSTALL PISTON RING 3000002-10
PCW	1/11/2006	72-3477	R 0	((2C)REPLACE ACCESSORY DRIVE GEARBOX GASKET
PCW	1/11/2006	72-3480	R 0	INCORPORATION OF NEW ENGINE LOGBOOK
PCW	11/11/1998	72-3482	R 7	((MSP)INSTALL 3rd LPT & ASSOCIATED PARTS (w.b.+2.49 or +2.99)
PCW	6/6/2002	72-3483	R 2	INSTALL LPC 4th STAGE STATOR (w.b.+2.13)
PCW	6/6/2002	72-3487	R 3	INSPECTION/REWORK FAN BLADE MIDSPAN DAMPER
PCW	1/11/2006	72-3492	R 0	INSTALL O'RING SPINNER SUPPORT & BLADES
CW	7/28/2008	72-3494	R 9	HPT & LPT BLADE HOUR TRACKING
PCW	11/11/1998	72-3498	R 1	INSTALL FAN SHAFT / RING GEAR WITH NEW RETAINER
N/A	1/11/2006	72-3499	R 6	((INACT)MSP;OPT-2/3)PREVENT OIL LEAK AT #1 OIL REGION (w.b.-0.31)
PCW	2/2/1993	72-3502	R 4	REPLACE A-5 AIR SEAL (w.b.+0.6)
N/A	1/11/2006	72-3504	R 2	((INACT) EDDY CURRENT INSPECT FAN HUB (specific S/N's)
PCW	1/11/2006	72-3507	R 1	REWORK FAN SHAFT HOUSING 3072160-1/1-2 TO 3077082-1/1-2
PCW	1/11/2006	72-3520	R 3	((2C)INSTALL 3rd Stg LPT ASSY WITH NEWLY DESIGNED SEAL ROTOR
PCW	6/6/2002	72-3524	R 0	INSTALL DAMPER RING P/N 3072463-2
PCW	6/6/2002	72-3530	R 1	INSTALL 2ND STAGE LPT STATOR SEAL



# StandardAero

## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	1/11/2006	72-3531	R 4	FAN BLADE INSTALL / IDENTIFICATION FAN ASSEMBLY
N/A	1/11/2006	72-3532	R 0	REWORK COMPRESSOR INTERSTAGE DIFFUSER
C/W	7/28/2008	72-3536	R 3	(2C/3D/MSP)CONTROLLED FIT COMBUSTOR (w.b.+2.6)
N/A	1/11/2006	72-3540	R 3	( INACT) #4 & #5 BEARING SUMP SCAVENGE
PCW	1/11/2006	72-3542	R 3	INSTALL 2ND STAGE L.P.C. FREQUENCY / BLADES
PCW	4/1/1994	72-3544	R 0	REPLACE SPECIFIC 1ST & 2ND STAGE DISKS
PCW	6/6/2002	72-3549	R 0	INSPECT NO.1 LPT STATOR SEAL 3073765-3
PCW	11/11/1998	72-3556	R 0	REPLACE 2ND STAGE LPT BLADES
N/A	1/11/2006	72-3557	R 0	R&R SPECIFIC S/N 1st & 2nd LPT DISKS
N/A	1/11/2006	72-3564	R 7	BANK / SPARE ENGINE CONVERSION
N/A	1/11/2006	72-3569	R 1	(INACT) NFAN DISK CYCLE SERVICE LIFE REDUCTION(due at MPI,
N/A	1/11/2006	72-3578	R 1	(INACT) INSPECT SPECIFIC S/N FAN ROTOR DISKS
PCW	11/11/1998	72-3596	R 8	(INACT) REP. MAINSHAFT CARBON RING SEALS/VENT OIL SYSTEM
PCW	11/11/1998	72-3600	R 0	INSTALL LPC STATOR SHIM
PCW	11/11/1998	72-3603	R 1	COMPRESSOR INTER. DIFFUSER INSPECTION RWK
PCW	11/11/1998	72-3604	R 4	(2C/MSP)REWORK TRANSFER GEAR BOX
PCW	11/11/1998	72-3605	R 4	(2C/OPT)ACCESSORY GEAR BOX ASSEMBLY
PCW	11/11/1998	72-3613	R 7	RPL #1 & #3 CARBON SEAL & ASSOC PARTS (C/W 79-3055 ALSO)
PCW	11/11/1998	72-3614	R 0	REWORK #1 SEAL HOUSING
PCW	11/11/1998	72-3615	R 0	REWORK BREATHER VALVE
N/A	1/11/2006	72-3624	R 0	ONE TIME OIL FILTER RESAMPLE (N/A if SOAP since bulletin issue)
N/A	1/11/2006	72-3631	R 0	REPLACE SPECIFIC S/N HPT ROTOR ASSEMBLY DISCS
N/A	1/11/2006	72-3640	R 4	(INACT) SERVICING WITH MOBIL 254 OIL (only for 72-3596/3597)
C/W	7/28/2008	72-3641	R 6	PERFORM EDDY CURRENT INSPECTION OF HPC IMPELLER (due at CZI)
C/W	7/28/2008	72-3654	R 0	PREVENT LP 3RD STG LPT DISK FROM RUBBING 3RD STG NOZZLE
PCW	6/6/2002	72-3661	R 0	INSPECT SPECIFIC 3rd Stg. LPT INCORPORATING BLADE P/N 3072845-1
PCW	6/6/2002	72-3662	R 6	REP. MAINSHAFT CARBON SEALS/VENT SYSTEM (C/W 79-3055)
PCW	6/6/2002	72-3664	R 0	INSPECT/REPLACE TIE ROD P/N 3073049-1/3074744-1 (laser etched)
PCW	1/11/2006	72-3668	R 0	FAN ROTOR DISC REMOVAL SCHEDULE (Special Honeywell Program)
N/A	1/11/2006	72-3674	R 2	INSPECTION OF SPEC ID MAIN SUPPORT FRAME ASSEM
PCW	1/13/2006	72-3675	R 1	INSPECT FAN BLADES FOR UNAUTHORIZED MARKINGS ON BLADE
N/A	1/11/2006	72-3682	R 0	REPLACE SPECIFIC SERIAL NO. 1 & 2 LPT ROTOR
N/A	1/11/2006	72-3685	R 0	REPLACE SPECIFIC ID LP 2ND STAGE TURBINE BLADES



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## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

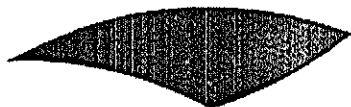
TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
N/A	1/11/2006	72-3687	R 0	REMOVE SPECIFIC ID LPC2 DISCS
PCW	1/13/2006	72-3693	R 1	REPLACE SPECIFIC IDENTIFIED HPT NUT
C/W	7/28/2008	72-3696	R 0	INSTALL AIR-OIL SEPARATOR
PCW	1/11/2006	72-3700	R 0	INSPECT OF SPECIFIC LPT1 NOZZLE
PCW	1/13/2006	72-3705	R 2	INSTALL A LPT 1 ROTOR ASSEMB
N/A	1/11/2006	72-3711	R 4	INSTALL IMPROVED LPC2 DISC
C/W	7/28/2008	72-3739	R 0	INSTALL IMPROVED #1 AND #3 SEALS
C/W	7/28/2008	72-3741	R 0	INSTALL IMPROVED #4 AND #5 SEALS
N/A	1/11/2006	73-3049	R 1	INSTALL REWORKED FUEL CONTROL ASSEMBLY
N/A	1/11/2006	73-3050	R 1	(INACT) REPLACE/REWORK FUEL MAINFOLD ASSMB
PCW	5/30/1984	73-3064	R 0	INSTL LEAF SPR BETW VAR RES (POT) & SPUR GR
PCW	6/6/2002	73-3072	R 3	REPLACE FUEL PUMP SHAFT SEAL SUBASSEMBLY
PCW	11/20/1987	73-3075	R 6	(2C/3D)REPL FUEL PUMP DIFFERENTIAL PRESS INDICATOR
N/A	11/20/1987	73-3083	R 1	REPL FUEL PUMP ANTI-ICING VALVE
PCW	2/2/1993	73-3108	R 1	INSTALL FUEL CONTROL P3 GASKET
N/A	2/2/1993	73-3110	R 1	REPLACE FUEL MANIFOLD FLEXIBLE HOSE
PCW	2/2/1993	73-3113	R 0	REPLACE FUEL HEATER OUTLET
N/A	1/11/2006	73-3120	R 1	(INACT) (3C/3D/RWK)REPLACE/REWORK FUEL MANIFOLD ASSY.
N/A	1/11/2006	73-3121	R 0	R&R SPECIFIC FUEL MANIFOLDS(HOSE)
PCW	6/6/2002	73-3131	R 2	ONE TIME INSPECTION / FUEL CONTROL SENSOR BELLOWS
N/A	6/6/2002	73-3134	R 2	REPLACE SPECIFIC FUEL CONTROLS
PCW	1/11/2006	73-3138	R 0	REPLACE FUEL NOZZLE GASKETS
PCW	1/13/2006	73-3141	R 0	FUEL MANIFOLD ASSEMBLY
PCW	1/13/2006	73-3149	R 0	REPLACE MAIN TURBINE ENG FUEL PUMP FILTER ELEMENT
PCW	1/14/1998	74-3006	R 1	INSTALL IGNITION IGNITER PLUG PN 3074541-1
PCW	1/13/2006	74-3007	R 1	INSPECT IRIIDIUM IGNITORS PN 3074541-1
N/A	1/11/2006	75-3004	R 0	REPLACE ANTHICE MANIFOLD GASKET & SEAL HOUSING
N/A	1/11/2006	75-3007	R 2	INCOPRORATE IMPROVED BUFFERED AIR SYSTEM COMPONENTS
N/A	1/11/2006	75-3008	R 1	INCORPORATE IMPROVED FACE BELLOWS SEAL PN 3072683-3/-4
N/A	1/11/2006	76-3017	R 0	1 TIME INSP OF EEC P/N 2101144-1/-2
PCW	1/11/2006	76-3018	R 1	INSTALL EEC P/N 2101144-5
N/A	1/11/2006	76-3022	R 0	INSP/REPL EEC CAPACITORS ON POWER SUPPLY BOARDS
PCW	2/2/1993	76-3054	R 1	INSTALL SURGE CONTROL P3 GASKET





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## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6

CSN:

7624

STATUS	DATE	BULLETIN	REV	DESCRIPTION
N/A	6/25/2008	76-3079	R 0	RPL SPECIFIC N1 DEEC 2119010 & 2119020
PCW	1/11/2006	77-3001	R 1	INSTL N1 TRANSDUCER W/CHANGE IN DESIGN
PCW	5/30/1984	77-3002	R 2	INSTL N2 XDCR INCORPORATING IMPROVED SEALANT
PCW	5/30/1984	77-3006	R 3	INSTALL TWO-PIECE INTERSTAGE TURBINE TEMP HARNESS
PCW	1/11/2006	77-3008	R 0	REPLACE TERMOCOUPLE HARNESS MOUNTING BOLTS
PCW	2/2/1993	77-3019	R 2	INSTALL THERMOCOUPLE HARNESS 3073595-1
PCW	7/30/1990	77-3020	R 0	RMV & REPL THERMOCOUPLE LEAD ASSEMBLIES
PCW	1/11/2006	77-3021	R 1	REPLACE N1 MONOPOLE TRANSDUCER
PCW	5/30/1984	79-3013	R 3	REPL FLOW CONT THERMOSTAT OF OIL TEMP CONT V
PCW	5/30/1984	79-3014	R 4	REPL THERMOSTAT ASSY OF OIL TEMP REGULATOR
PCW	5/30/1984	79-3023	R 1	INSTL OF REDESIGNED OIL COOLER OIL XFR TUBE
PCW	1/13/2006	79-3025	R 4	REPLACE OR REWORK OIL LUBRICATING NOZZLE
PCW	5/30/1984	79-3031	R 1	REPL/REWK NO.6 BRG LUBRICATION TUBE ASSY
N/A	1/11/2006	79-3032	R 2	REPL/REWK NO.6 BRG LUBRICATION TUBE ASSY
PCW	6/6/2002	79-3051	R 0	INSTALL METAL GASKET PN 3075481-2
PCW	1/11/2006	79-3054	R 1	(2C/3D/MSP)REWORK OIL PUMP REGULATOR SECTION
PCW	1/11/2006	79-3055	R 2	BREATHER VALVE SEAL & OIL NOZZLE (C/W at 72-3613/3662)
N/A	1/11/2006	79-3058	R 0	(INACT) INSTALL OIL JET STRAINER PN 894764-11
C/W	7/28/2008	79-3059	R 1	(OPT)OIL LUBE SCAVANGE PUMP
N/A	1/11/2006	79-3062	R 0	REPLACE DE-OIL VALVE P/N 3074372-1 WITH P/N 3074372-2
C/W	7/28/2008	79-3064	R 3	INSTALL OIL LUBE AND SCAVENGE PUMP

STANDARD AERO, AUGUSTA, GA  
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By:

7/28/2008



# Standard Aero

## AD RECORD

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ENGINE SERIAL NO: P 75137

ENGINE MODEL NO: TFE731-3-2AP 3072300-2

TSN: 10382.6 CSN: 7624

<u>STATUS</u>	<u>ADNO</u>	<u>REASON</u>	<u>COMPLY DATE</u>	<u>BULLETIN</u>	<u>DESCRIPTION</u>
N/A	2001-23-09	per Disk P/N	13-Jan-06	A72-3668	PREVENT FAILURE OF THE FAN ROTOR DISC
N/A	2005-05-15	C/W S/B 72-3705	13-Jan-06	72-3369	PREVENT UNCONTAINED FAILURE OF LPT STAGE 1 DISK
N/A	2005-13-07	per S/B	13-Jan-06	72-3682	PREVENT LP TURBINE ROTOR DISK SEPARATION
N/A	82-23-03	per P/N	25-Jun-08	72-3237	REPL HP IMPELLER P/N 3070274/2639

SW/C01 Rev. 11-05

STANDARD AERO

Augusta Georgia

CRS GW4R221 By: [REDACTED]

28-Jul-08