

RIGHT

# ENGINE DATA

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

Serial No P-75199C

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 777 LBS.

PX316

MANUFACTURE DATE 2-21-77

**PRIESTER AVIATION, LLC**

PAL-WAUKEE AIRPORT, WHEELING IL.

N800GP #2 (R/H) Engine DATE: 07/02/2010 Aircraft Time: 16333.5 Landings: 14052  
s/n: 35A-158 R/E TT: 10393.7 R/E Cycles: 7483

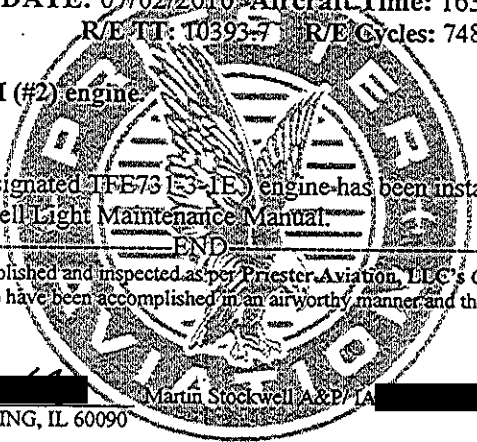
Complied with Oil Change on R/H (#2) engine  
C/W engine run and leak check.

Note: TFE 731-3-2AP (formerly designated TFE731-3-1E) engine has been installed per STC SE00648CH.  
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



**PRIESTER AVIATION, LLC**

PAL-WAUKEE AIRPORT, WHEELING IL.

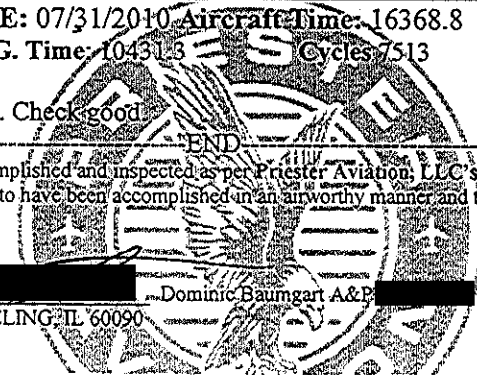
N800GP Powerplant DATE: 07/31/2010 Aircraft Time: 16368.8 Landings: 14080  
Lear 35 s/n: 35A-158 R/H ENG. Time: 10431.3 Cycles: 7513

C/W 300/400 hour inspection. Ops. Check good

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] Dominic Baumgart A&P [Redacted]  
PRIESTER AVIATION, LLC WHEELING, IL 60090





# Standard Aero

1200 North Airport Drive

Springfield, IL 62707-8417

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

Date: 11/25/09

Customer	Engine Model	S/N	TSN	CSN
Priester Aviation	TFE 731-3-2AP	P-75199 (#2)	10197.2	7322
Registration	Aircraft	S/N	ACTT	ACTL
N800GP	Lear 35	158	16134.7	13889

- Removed and reinstalled engine for MPI. Serviced with **Mobil Jet 254** oil.
- Complied with fuel system De-preservation.
- 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 **261140** on file with this agency.

Standard Aero CRS UO2R221L Springfield, IL.


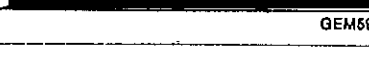
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W.O.# 260430  
 11/23/09



Propulsion Engines  
Aviation Services

MAINTENANCE RELEASE TAG

PART NUMBER		DATE		REMARKS  <b>INSPECTED PER 731 LIGHT MAINTENANCE MANUAL</b>
3072337-2		10-14-93		
SERIAL NUMBER	LOT NUMBER			
N/A				
PART NAME		MODEL NUMBER		
ITL				
MANUFACTURER			QUANTITY	THE AIRCRAFT, ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. <u>155-3135</u>  AlliedSignal Inc. Capital Airport 2 N Airport Drive Springfield IL 62707 CERTIFICATE NO. UO2R221L
GARRETT			1	
WORK ORDER		HOURS	CYCLES	
155-3135				
REPAIRED	<input checked="" type="checkbox"/>	INSP.		
OVERHAULED	<input type="checkbox"/>	FT ONLY		
MODIFIED	<input type="checkbox"/>	OTHER		
				INSPECTION SIGNATURE:  INSP. STAMP: 

Date 11/23/2009

# Parts Change Record

Work Order 260430

Engine Serial Number P 75199C

QTY	NOMENCLATURE	PART NUMBER	PART SERIAL
1 (NEW)	#1 CARBON SEAL	3060457 - 1	09-152826-37813
1 (NEW)	#3 CARBON SEAL	3060458 - 1	09-152826-39714
1 (NEW)	THRUST WASHER	3070374 - 1	NSN
1 O/H	FUEL MANIFOLD	3071101 - 16	94-218
3 SERV.	COMPRESSOR INLET STATOR VANE	3071661 - 5	NSN
17 SERV.	1ST STAGE LPT BLADE	3072311 - 2	NSN
1 O/H	A4 NOZZLE	3072324 - 3	NSN
1 SERV.	INNER TRANSITION LINER	3072337 - 2	NSN
9 SERV.	HPT BLADE	3072450 - 2	NSN
53 (REPR)	HPT BLADE	3072450 - 1	NSN
1 SERV.	2ND STAGE LPT ROTOR ASSY.	3072541 - 4	9-03229-5886
1 SERV.	3RD STAGE LPT ROTOR	3072543 - 3	0-03229-353
1 (REPR)	TIE ROD	3073049 - 1	981119500006
2 SERV.	HPT SHROUD	3073374 - 7	NSN
1 SERV.	HPT SHROUD	3073374 - 3	NSN
1 (NEW)	ALTERNATOR DRIVE INSERT	6608321 - 1	NSN

## STANDARD AERO

1550 Hangar Road, Bush Field Airport, Augusta, Ga. 30906-9584

FAA Repair Station No.: GW4R221M, Telephone (706) 793-5600, Fax (706) 793-0469



# Standard Aero

CRS GW4R221M - AUGUSTA, GA

DATE: 11/23/2009

ENGINE SERIAL NO: P 751996

MODEL: TFE731-3-2AP 3072300-AP

TSN: 10197.2 CSN: 7322

The following inspection (s) have been accomplished in accordance with the current 731 maintenance manuals:

150-250 HR INSP@	300-400 HR INSP @	600-800 HR INSP @	1000-1500HR INSP @	N/A	1400 HR MPI @	1400 HR PLENUM INSP @	4200 HR GEAR BX INSP@	4200 HR FAN SUPPORT INSP@	4200 HR CORE-ZONE INSP@
10197.2	10197.2	10197.2	10197.2	NA	10197.2	10197.2	7320.3	10197.2	7320.3

### NEXT INSPECTION INTERVALS DUE AT:

10447.2	10597.2	10997.2	11697.2	NA	11597.2	11597.2	11520.3	14397.2	11520.3
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All Service Bulletins and Airworthiness Directives accomplished at this time are listed in Section III and Section IV of this logbook. Part(s) replaced are listed on the following page(s). Life Limit cards when required for parts installed are found in Section VIII of this logbook.

- Test Cell Performance Run: C/W
- Vibration Survey: C/W
- Oil has been drained.

-SOAP Sample Due: 10222.2

1st LPT NOZZLE AE: 26.215. HPT NOZZLE AE: 13.971.

NOTE: oil system has been drained and fuel system preserved. De-preservation procedures must be performed prior to return to service.3060457

NOTE:All necessary tests, inspections and adjustments required by the TFE731 maintenance manual must be complied with at engine installation.

The following inspections were performed in accordance with the instructions and procedures for an approved:

150-250, 300-400, 600-800, 1000-1500 Hr periodic, 1400 Hour MPI, 1400 Hour Plenum, and 4200 Hour Fan Support

inspection selected by:

PRIESTER

I certify this engine has been inspected in accordance with a MANUFACTURER'S RECOMMENDED

inspection under FAR 91.409(F) (3) and approved return to service. Details on file under W/O #: 260430

for

STANDARD AERO - CRS GW4R221M  
AUGUSTA, GEORGIA


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: 260430	
4. Organization Name and Address: Standard Aero 1550 Hangar Road Augusta, GA 30906				5. Work Order, Contract, or Invoice Number: 260430		
3. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	TFE 731-3-2AP TURBOFAN ENGINE	3072300-AP	NA	1	P-75199C	REPAIRED

13. REMARKS  
 CW 150-250, 300-400, 600-800, 1000-1500 HR PERIODIC INSPECTIONS, 1400 HR MPI, 1400 HR PLENUM, 4200 HR FAN SUPPORT, NON-CERTIFICATION TEST CELL PERFORMANCE RUN, VIBRATION SURVEY, LEAK CHECK, AND OPS CHECK PER 731 MAINTENANCE MANUAL 72-02-15.

ENGINE TSN: 10197.2 CSN: 7322

NOTE: oil system has been drained and fuel system preserved. De-preservation procedures must be performed prior to return to service.

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.

19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input 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.	
20. Authorized Signature: 	21. Approval/Certificate No: GW4R221M
22. Name (Typed or Printed): B. J. SHEALY	23. Date (m/d/y): 11/23/09

**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

## AD RECORD

ENGINE SERIAL NO: P 75199L

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

TSN: 10197.2 CSN: 7322

STATUS	ADNO	REASON	COMPLY DATE	BULLETIN	DESCRIPTION
N/A	2001-23-09	per Disk P/N	28-Mar-03	A72-3668	PREVENT FAILURE OF THE FAN ROTOR DISC
N/A	2005-05-15	C/W S/B 72-3705	23-Oct-06	72-3369	PREVENT UNCONTAINED FAILURE OF LPT STAGE 1 DISK
N/A	2005-13-07	per S/B	18-Oct-06	72-3682	PREVENT LP TURBINE ROTOR DISK SEPARATION
N/A	75-07-10	gearbox series no.	01-Dec-79	72-3019 / 72-3020	EVALUATE/CORRECT WEAR OF XFER GEAR BOX
N/A	78-22-10	per S/N	01-Dec-79	none	REPLACE #3 BEARING P/N 358736-2
N/A	80-16-04	per P/N	23-Oct-06	72-3140	REPLACE/REWORK TIE ROD P/N 3070065-1 (SEE ENG S/N LIST IN
N/A	81-24-08	per P/N	21-Jul-82	72-3159 / 72-3170	INSP REAR ENGINE MOUNT AT T-DUCT
PCW	82-23-03	per S/B	25-Jul-86	72-3237	REPL HP IMPELLER P/N 3070274/2639
PCW	86-03-01	per S/B	13-Jun-86	72-3309	INSP. T-DUCT REAR ENGINE MOUNT
N/A	86-11-05	per Disk P/N	18-Oct-06	72-3328	REPL. FAN DISK P/N 3072162-1,-4 /3436-1
N/A	88-18-03	per S/N	08-Aug-91	72-3376	REPLACE HPT OF SELECTED S/N
N/A	90-03-04	per S/N	18-Mar-00	72-3388	REPLACE HPT OF SELECTED S/N -3 ENGINES ONLY
PCW	90-24-06	per S/B	30-Jul-90	77-3020	REPLACE ITT SOFT LEAD
N/A	91-08-13	Supcd by 96-05-03	18-Oct-06	72-3432	INSP. FAN DISK 3072162-1,-4 3073436-1. SUPERCEDED BY 96-05-
N/A	92-12-09	supcd by 94-07-03	18-Oct-06	72-3502	REPLACE REWORK A5 NOZZLE. SUPERCEDED BY 94-07-03
N/A	92-21-06	per S/N	14-Jan-93	72-3474	REPLACE 3RD STAGE LPT
N/A	92-26-09	supcd by 96-04-01	18-Oct-06	72-3504	INSPECT FAN HUB EDDY CURRENT. SUPERCEDED BY 96-04-01
N/A	93-25-16	supcd by 96-04-01	18-Oct-06	72-3504	REINSPECT FAN HUB EDDY CURRENT. SUPERCEDED BY 96-04-
N/A	94-07-03	per S/B	31-Mar-97	72-3502	TREND MONITOR IS N/A AFTER C/W
N/A	95-07-02	per S/N	31-Mar-97	72-3557	REPLACE 1ST/2ND STG LPT DISK
N/A	96-04-01	per Disk P/N	18-Oct-06	72-3504 / 72-3578	REINSPECT FAN HUB EDDY CURRENT. SUPERCEDES 93-25-16
N/A	96-05-03	per Disk P/N	18-Oct-06	72-3432 / 72-3445	REINSPECT FAN HUB EDDY CURRENT. SUPERCEDES 91-08-13
N/A	96-18-13	per Disk P/N	18-Oct-06	72-3569 / 72-3570	PREVENT FAILURE OF THE FAN DISK
	2000-15-09	DUE AT LZI DR ACCESS			HPC EDDY CURRENT INSP.

STANDARD AERO

Augusta Georgia

CRS GW4R221

By: [REDACTED]

23-Nov-09



# StandardAero

## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75199E ENGINE MODEL NO: TFE731-3 ~~AP~~ 3672300-AP

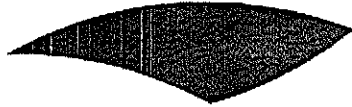
TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	6/13/1986	77-3006	R 3	INSTALL TWO-PIECE INTERSTAGE TURBINE TEMP HARNESS
N/A	10/18/2006	77-3007	R 1	INSTALL OF N2 TRANSDUCER FOR FIELD EVALUATION
N/A	10/18/2006	77-3008	R 0	REPLACE TERMOCOUPLE HARNESS MOUNTING BOLTS
PCW	3/31/1997	77-3019	R 2	INSTALL THERMOCOUPLE HARNESS 3073595-1
PCW	7/30/1990	77-3020	R 0	RMV & REPL THERMOCOUPLE LEAD ASSEMBLIES
PCW	9/7/1978	79-3014	R 4	REPL THERMOSTAT ASSY OF OIL TEMP REGULATOR
PCW	7/21/1982	79-3023	R 1	INSTL OF REDESIGNED OIL COOLER OIL XFR TUBE
PCW	10/29/2003	79-3025	R 4	REPLACE OR REWORK OIL LUBRICATING NOZZLE
N/A	10/18/2006	79-3031	R 1	REPL/REWK NO.6 BRG LUBRICATION TUBE ASSY
PCW	6/13/1986	79-3032	R 2	REPL/REWK NO.6 BRG LUBRICATION TUBE ASSY
PCW	10/29/2003	79-3051	R 0	INSTALL METAL GASKET PN 3075481-2
PCW	10/29/2003	79-3053	R 0	REPLACE REAR TURBINE BRG OIL-OUT TUBE& GASKET
PCW	5/18/2000	79-3054	R 1	(2C/3D/MSP)REWORK OIL PUMP REGULATOR SECTION
PCW	5/18/2000	79-3055	R 2	BREATHER VALVE SEAL & OIL NOZZLE (CW at 72-3613/3662)
N/A	10/18/2006	79-3058	R 0	(INACT) INSTALL OIL JET STRAINER PN 894764-11
PCW	5/18/2000	79-3059	R 1	(OPT)OIL LUBE SCAVANGE PUMP
N/A	7/28/2003	79-3062	R 0	REPLACE DE-OIL VALVE P/N 3074372-1 WITH P/N 3074372-2

STANDARD AERO, AUGUSTA, GA  
Certified Repair Station GW4R221M

By: 

11/23/2009



# StandardAero

## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75199C ENGINE MODEL NO: TFE731-3-2AP 3072300-AP

TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
N/A	10/18/2006	73-3061	R 0	FUEL MANIFOLD SUPPLY LINES
N/A	10/18/2006	73-3063	R 1	REPLACE POWER LEVER COVER ASSY
PCW	6/13/1986	73-3064	R 0	INSTL LEAF SPR BETW VAR RES (POT) & SPUR GR
N/A	10/18/2006	73-3067	R 3	RWK FCU 3070800-8 TO 11, 11 TO 8, 21 TO 22, 22 TO 21
PCW	6/13/1986	73-3075	R 6	(2C/3D)REPL FUEL PUMP DIFFERENTIAL PRESS INDICATOR
N/A	10/18/2006	73-3083	R 1	REPL FUEL PUMP ANTI-ICING VALVE
PCW	3/31/1997	73-3108	R 1	INSTALL FUEL CONTROL P3 GASKET
PCW	10/29/2003	73-3109	R 1	INSTALL CLAMP P/N 3073542-2 AND 3073543-2
N/A	10/18/2006	73-3110	R 1	REPLACE FUEL MANIFOLD FLEXIBLE HOSE
N/A	10/18/2006	73-3112	R 0	INSP/REPL FUEL CONTROL VARIABLE RESISTOR
N/A	10/29/2003	73-3113	R 0	REPLACE FUEL HEATER OUTLET
N/A	10/18/2006	73-3114	R 0	REPLACE METERING VALVE ADJ. SHAFT. @ OVER HAUL
PCW	10/18/2006	73-3115	R 1	(2C/3C/3D)INSTALL F.C.U. WITH MINIMUM MODIFICATION
PCW	10/18/2006	73-3119	R 0	REPLACE/RWK GOVENOR FLYWEIGHT ASSY
N/A	10/18/2006	73-3120	R 1	(INACT) (3C/3D/RWK)REPLACE/REWORK FUEL MANIFOLD ASSY.
N/A	4/1/1994	73-3121	R 0	R&R SPECIFIC FUEL MANIFOLDS(HOSE)
PCW	5/18/2000	73-3131	R 2	ONE TIME INSPECTION / FUEL CONTROL SENSOR BELLOWS
N/A	5/18/2000	73-3134	R 2	REPLACE SPECIFIC FUEL CONTROLS
PCW	10/23/2006	73-3138	R 0	REPLACE FUEL NOZZLE GASKETS
PCW	10/23/2006	73-3149	R 0	REPLACE MAIN TURBINE ENG FUEL PUMP FILTER ELEMENT
PCW	3/31/1997	74-3006	R 1	INSTALL IGNITION IGNITER PLUG PN 3074541-1
PCW	3/31/1997	74-3007	R 1	INSPECT IRIIDIUM IGNITORS PN 3074541-1
N/A	11/23/2009	75-3004	R 0	REPLACE ANTI-ICE MANIFOLD GASKET & SEAL HOUSING
N/A	10/29/2003	75-3007	R 2	INCOPRORATE IMPROVED BUFFERED AIR SYSTEM COMPONENTS
N/A	3/28/2002	75-3008	R 1	INCORPORATE IMPROVED FACE BELLOWS SEAL PN 3072683-3/-4
N/A	10/18/2006	76-3014	R 0	CONVERSION OF ELECTRONIC COMPUTER
N/A	3/31/1997	76-3017	R 0	1 TIME INSP OF EEC P/N 2101144-1/-2
PCW	4/19/1989	76-3018	R 1	INSTALL EEC P/N 2101144-5
N/A	3/28/2002	76-3022	R 0	INSP/REPL EEC CAPACITORS ON POWER SUPPLY BOARDS
N/A	3/31/1997	76-3038	R 1	REWORK EEC PN 2101144-5 S1-S3
PCW	3/31/1997	76-3054	R 1	INSTALL SURGE CONTROL P3 GASKET
N/A	10/18/2006	77-3001	R 1	INSTL N1 TRANSDUCER W/CHANGE IN DESIGN
N/A	10/18/2006	77-3002	R 2	INSTL N2 XDCR INCORPORATING IMPROVED SEALANT



# StandardAero

## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75199C ENGINE MODEL NO: TFE731-3-2AP 3072300-AP

TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
N/A	10/18/2006	72-3564	R 7	BANK / SPARE ENGINE CONVERSION
N/A	9/10/1996	72-3569	R 1	(INACT) NFAN DISK CYCLE SERVICE LIFE REDUCTION(due at MPI,
N/A	9/10/1996	72-3578	R 1	(INACT) INSPECT SPECIFIC S/N FAN ROTOR DISKS
N/A	10/29/2003	72-3596	R 8	(INACT) REP. MAINSHAFT CARBON RING SEALS/VENT OIL SYSTEM
PCW	10/29/2003	72-3600	R 0	INSTALL LPC STATOR SHIM
PCW	10/29/2003	72-3603	R 1	COMPRESSOR INTER. DIFFUSER INSPECTION RWK
PCW	5/18/2000	72-3604	R 4	(2C/MSP)REWORK TRANSFER GEAR BOX
PCW	10/29/2003	72-3605	R 4	(2C/OPT)ACCESSORY GEAR BOX ASSEMBLY
PCW	5/18/2000	72-3613	R 8	RPL #1 & #3 CARBON SEAL & ASSOC PARTS (C/W 79-3055 ALSO)
PCW	5/18/2000	72-3614	R 0	REWORK #1 SEAL HOUSING
PCW	10/29/2003	72-3615	R 0	REWORK BREATHER VALVE
PCW	5/18/2000	72-3624	R 0	ONE TIME OIL FILTER RESAMPLE (N/A if SOAP since bulletin issue)
N/A	5/18/2000	72-3631	R 0	REPLACE SPECIFIC S/N HPT ROTOR ASSEMBLY DISCS
PCW	5/18/2000	72-3640	R 4	(INACT) SERVICING WITH MOBIL 254 OIL (only for 72-3596/3597)
PCW	10/29/2003	72-3644	R 2	INSTALL NON-COATED HPC IMPELLER SHROUD (wb +0.5 lbs)
N/A	10/23/2006	72-3654	R 0	PREVENT LP 3RD STG LPT DISK FROM RUBBING 3RD STG NOZZLE
PCW	10/29/2003	72-3658	R 1	REPLACE FAN INLET HOUSING W/3072262-12/-13-14 (w.b. +1.0 lb)
N/A	3/28/2002	72-3661	R 0	INSPECT SPECIFIC 3rd Stg. LPT INCORPORATING BLADE P/N 3072845-1
PCW	10/29/2003	72-3662	R 7	REP. MAINSHAFT CARBON SEALS/VENT SYSTEM (C/W 79-3055)
PCW	10/29/2003	72-3664	R 0	INSPECT/REPLACE TIE ROD P/N 3073049-1/3074744-1 (laser etched)
N/A	3/28/2002	72-3668	R 0	FAN ROTOR DISC REMOVAL SCHEDULE (Special Honeywell Program)
N/A	7/28/2003	72-3674	R 2	INSPECTION OF SPEC ID MAIN SUPPORT FRAME ASSEM
PCW	10/29/2003	72-3675	R 1	INSPECT FAN BLADES FOR UNAUTHORIZED MARKINGS ON BLADE
N/A	7/28/2003	72-3682	R 0	REPLACE SPECIFIC SERIAL NO. 1 & 2 LPT ROTOR
N/A	7/28/2003	72-3685	R 0	REPLACE SPECIFIC ID LP 2ND STAGE TURBINE BLADES
N/A	7/28/2003	72-3687	R 0	REMOVE SPECIFIC ID LPC2 DISCS
N/A	10/18/2006	72-3693	R 1	REPLACE SPECIFIC IDENTIFIED HPT NUT
PCW	10/18/2006	72-3700	R 0	INSPECT OF SPECIFIC LPT1 NOZZLE
PCW	10/23/2006	72-3705	R 2	INSTALL A LPT 1 ROTOR ASSEMB
C/W	11/23/2009	72-3739	R 0	INSTALL IMPROVED #1 AND #3 SEALS
N/A	4/15/2009	72-3748	R 0	REPLACE LPC2 AND LPC3 ROTOR DISCS
N/A	10/29/2003	73-3049	R 1	INSTALL REWORKED FUEL CONTROL ASSEMBLY
PCW	3/31/1997	73-3050	R 1	(INACT) REPLACE/REWORK FUEL MAINFOLD ASSMB



# StandardAero

## SERVICE BULLETIN RECORD

Page 3 of 6

ENGINE SERIAL: P 75199C ENGINE MODEL NO: TFE731-3-2AP 3072320-AP

TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	3/31/1997	72-3422	R 0	INSPECT PINION RETAINER
N/A	8/8/1991	72-3424	R 1	((INACT) REPLACEMENT OF SPECIFIC S/N FAN DISK ASSEMBLY
PCW	3/31/1997	72-3429	R 1	REPLACE TIE BOLT
N/A	10/18/2006	72-3432	R 6	(INACT) INSPECTION OF FAN DISK (due at MPI)
PCW	10/29/2003	72-3449	R 0	INSTALL HPC SUPPORT WASHERS
PCW	10/29/2003	72-3455	R 3	TRANSFER TUBE SEALS
C/W	11/23/2009	72-3458	R 12	EDDY CURRENT INSTRUCTIONS FOR FAN DISKS
PCW	3/31/1997	72-3469	R 3	(INACT) INSTALL #3 CARBON SEAL AND ROTOR
PCW	10/29/2003	72-3471	R 2	REPLACE HPT NOZZLE SEAL SUPPORT
N/A	3/31/1997	72-3473	R 0	ADDITIONAL S.O.A.P.
N/A	2/2/1993	72-3474	R 0	REPLACE SPECIFIC 3RD STAGE LPT DISK
N/A	10/18/2006	72-3475	R 1	(INACT) REPLACE NO.1 CARBON SEAL & ROTOR
PCW	10/29/2003	72-3477	R 0	(2C)REPLACE ACCESSORY DRIVE GEARBOX GASKET
PCW	10/29/2003	72-3480	R 0	INCORPORATION OF NEW ENGINE LOGBOOK
PCW	10/29/2003	72-3483	R 2	INSTALL LPC 4th STAGE STATOR (w.b.+2.13)
PCW	10/29/2003	72-3487	R 3	INSPECTION/REWORK FAN BLADE MIDSPAN DAMPER
PCW	9/10/1996	72-3492	R 0	INSTALL O'RING SPINNER SUPPORT & BLADES
C/W	11/23/2009	72-3494	R 9	HPT & LPT BLADE HOUR TRACKING
PCW	5/18/2000	72-3498	R 1	INSTALL FAN SHAFT / RING GEAR WITH NEW RETAINER
N/A	10/18/2006	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	2/2/1993	72-3504	R 2	(INACT) EDDY CURRENT INSPECT FAN HUB(specific S/N's)
PCW	3/28/2002	72-3507	R 1	REWORK FAN SHAFT HOUSING 3072160-1/-2 TO 3077082-1/-2
PCW	3/31/1997	72-3520	R 3	(2C)INSTALL 3rd Stg LPT ASSY WITH NEWLY DESIGNED SEAL ROTOR
PCW	3/31/1997	72-3524	R 0	INSTALL DAMPER RING P/N 3072463-2
PCW	10/29/2003	72-3530	R 1	INSTALL 2ND STAGE LPT STATOR SEAL
PCW	10/23/2006	72-3531	R 4	FAN BLADE INSTALL / IDENTIFICATION FAN ASSEMBLY
N/A	10/29/2003	72-3532	R 0	REWORK COMPRESSOR INTERSTAGE DIFFUSER
N/A	10/18/2006	72-3540	R 3	( INACT) #4 & #5 BEARING SUMP SCAVENGE
N/A	4/1/1994	72-3544	R 0	REPLACE SPECIFIC 1ST & 2ND STAGE DISKS
PCW	3/31/1997	72-3549	R 0	INSPECT NO.1 LPT STATOR SEAL 3073765-3
N/A	11/23/2009	72-3556	R 0	REPLACE 2ND STAGE LPT BLADES
N/A	3/31/1997	72-3557	R 0	R&R SPECIFIC S/N 1st & 2nd LPT DISKS



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## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75199C ENGINE MODEL NO: TFE731-3-2AP 3072300-AP

TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
PCW	7/21/1982	72-3190	R 2	INSTALL REWORKED SPUR RING GEAR P/N 3077000-1/-2
PCW	6/13/1986	72-3224	R 0	INSPECT COMBUSTION CHAMBER LINER PN 3072674-3
PCW	6/13/1986	72-3225	R 1	REMOVE 1ST STAGE LPT BLADES PN 3072311-2
PCW	7/25/1986	72-3237	R 3	INSTALL HP COMPRESSOR IMPELLER
PCW	7/25/1986	72-3239	R 3	(2C)RWK HP IMPELLER
PCW	6/13/1986	72-3252	R 2	INSPECTION OF SECOND STAGE LPT DISK
N/A	10/18/2006	72-3274	R 1	INSTALL REPLACEMENT RING GEAR
N/A	10/23/2006	72-3280	R 1	REPL/REWK COMPRESSOR INTERSTAGE DIFFUSER
PCW	5/18/2000	72-3281	R 1	REPLACEMENT OF LP FIRST STAGE TURBINE ROTOR
PCW	5/18/2000	72-3283	R 1	REPLACE 2nd STAGE LPT DISK
PCW	10/23/2006	72-3288	R 0	MOD TO PROVIDE POSITIVE RETENTION OF ENGINE NAMEPLATE
N/A	10/18/2006	72-3290	R 2	(INACTIVE) INCORPORATE IMPROVED ALT. G/S SEAL
PCW	6/13/1986	72-3293	R 1	REPLACE SHIM AT TRANSFER GEARBOX TOWER SHAFT HOUSING INTERFACE
PCW	6/13/1986	72-3298	R 3	( INACT) REPLACE/REWORK OUTER TRANSITION LINER
PCW	6/13/1986	72-3299	R 3	REPLACE/REWORK 2ND STAGE LP TURBINE NOZZLE
PCW	6/13/1986	72-3306	R 0	REMOVE 1ST STAGE LP TURB. DISK Ser. No. 2-18040-xxxx
PCW	6/13/1986	72-3309	R 4	INSP AND/OR RPR/REPL TURB. INTERSTAGE TRANSITION DUCTS
N/A	10/18/2006	72-3322	R 1	PERMANENTLY PLUG INTERSTAGE DIFFUSER BOROSCOPE PORT
N/A	3/31/1997	72-3328	R 6	(INACT) REPLACE FAN ROTOR ASSEMBLY CONTAINING DISK
PCW	10/29/2003	72-3367	R 3	INSPECT A5 OPENING
PCW	3/31/1997	72-3370	R 1	REWORK ITT BOSSES
N/A	3/31/1997	72-3376	R 0	REPLACE SPECIFIC SERIAL NUMBERD HP TURB RTR DISK
PCW	3/31/1997	72-3380	R 0	INSTALL OUTER TRANSITION LINER W/TBC APPLIED
N/A	10/18/2006	72-3381	R 1	LOW SMOKE COMBUSTION SYSTEM
PCW	10/23/2006	72-3384	R 2	INSTALL FAN SHAFT OIL DEFLECTOR
N/A	3/31/1997	72-3388	R 0	INSPECT SPECIFIC SERIAL NUMBERED HP TURBINE DISK
N/A	10/23/2006	72-3393	R 1	( INACT) REPLACE/RWK FAN SUPPORT SHAFT AND HOUSING
PCW	10/29/2003	72-3397	R 2	INITIATE COMPONENT MAINT/MODIFICATION RECORD CARD
PCW	10/23/2006	72-3405	R 4	(2C/3D/MSP)REPLACE SHROUD RETAINING SLEEVE H.P.T.
PCW	5/18/2000	72-3408	R 0	(2C/MSP)REPLACE SPRING TENSION WASH 3000005-2/-56 with/-64
PCW	10/29/2003	72-3409	R 1	LPC 1ST STAGE BLADE RETAINERS
PCW	10/29/2003	72-3410	R 1	LPC 2ND STAGE BLADE RETAINERS
PCW	10/29/2003	72-3411	R 1	LPC 3RD STAGE BLADE RETAINERS



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## SERVICE BULLETIN RECORD

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ENGINE SERIAL: P 75199C ENGINE MODEL NO: TFE731-3-2AP 3072300-AP

TSN: 10197.2 CSN: 7322

STATUS	DATE	BULLETIN	REV	DESCRIPTION
C/W	11/23/2009	72-3001	R 55	SERVICE LIFE LIMITS OF LIFE LIMITED COMPONENTS
N/A	3/28/2002	72-3019	R 1	INSPECTION OF TRANSFER GEARBOX BEARING SUPPORT
N/A	11/23/2009	72-3020	R 3	(2C)REPLACE TRANSFER GEARBOX BEARING SUPPORT
N/A	11/23/2009	72-3030	R 2	REPLACE FUEL AND OIL TUBES
N/A	11/23/2009	72-3031	R 0	REPLACE FIRE DETECTOR BRACKETS
N/A	11/23/2009	72-3033	R 1	(2C/OPT)REPLACE LOW PRESSURE TURBINE BEARING
PCW	12/11/1979	72-3042	R 7	(INACTIVE)(OPT -2)REMOVE COMBUSTOR 3072448-4
PCW	9/7/1978	72-3047	R 3	(INACTIVE)REPAIR OR REPLACE P2T2 SENSOR P/N 3070816-2
PCW	9/7/1978	72-3054	R 2	INSTALL PLANET BEARING P/N 3072775-1/-2
PCW	12/11/1979	72-3057	R 2	INSTALL IMPROVED LOW PRESS TURBINE ROTATING SEAL
PCW	9/7/1978	72-3058	R 0	INSTALL PLANET BEARING P/N 358733-4
PCW	12/11/1979	72-3067	R 2	(INACTIVE)INSTALL #1 SEAL CARRIER BOLTS P/N 145-131-9007
PCW	9/7/1978	72-3077	R 1	REPLACE BOLTS ATTACHING RETAINER PLATE TO PINION GEAR ASSEMBLY
PCW	7/21/1982	72-3078	R 1	INSTALL NEW BOLTS WITH LOCKWIRE FEATURE
PCW	12/11/1979	72-3085	R 11	REPLACE FAN SPINNER & RELATED ANTI-ICE COMPONENTS
N/A	10/18/2006	72-3086	R 2	(INACTIVE)REP/RWK 1st STAGE LPT NOZZLE
PCW	6/13/1986	72-3087	R 1	INCORPORATE REPLACEMENT TIE SHAFT
PCW	6/13/1986	72-3096	R 1	INCORPORATE REPLACEMENT LP SHAFT & SEAL ASSEMBLY
PCW	10/23/2006	72-3106	R 15	PERIODIC INSPECTION EXTEND INTERVALS -3 ENGINES
PCW	7/10/1981	72-3119	R 0	DECREASE TURBINE END SHAFT STRETCH DIMENSION ON LP TIE ROD
PCW	10/23/2006	72-3120	R 1	REPLACE #3 BEARING
PCW	9/25/1980	72-3126	R 13	REWORK PLANETARIES
PCW	7/21/1982	72-3129	R 7	INCORPORATE BREATHER SYSTEM FOR NO. 4 & 5 BEARING SUMP AREA
PCW	7/10/1981	72-3133	R 1	INSPECT & REPLACE FAN BY-PASS STATOR ALIGNMENT PIN
N/A	3/31/1997	72-3140	R 1	RPL TIE ROD S/N 6P11728, 6P11731, 6P11807, 6P21175
PCW	7/10/1981	72-3145	R 2	INTERNAL CORROSION PREVENTION
PCW	7/10/1981	72-3159	R 7	INSP AND/OR RPL TURBINE INTERSTAGE TRANSITION DUCT
N/A	3/31/1997	72-3164	R 2	(OPT -2)INTCHG OF 4TH STG AXIAL FLOW COMPRESSOR ROTOR ASSY
PCW	7/21/1982	72-3167	R 3	(INACTIVE)FAN SUPPORT GASKET REPLACEMENT
PCW	7/21/1982	72-3169	R 2	REPLACE IDENTIFIED HP ROTOR THRUST (NO.5) BEARING
N/A	10/18/2006	72-3170	R 2	INSTALL AFT MOUNT AUXILIARY BRACKET
PCW	7/21/1982	72-3174	R 4	(INACTIVE)INSTALL NEW OR RWK HIGH PRES COMPRESSOR DIFFUSER
PCW	7/21/1982	72-3177	R 1	REPLACE SHIPPING GASKET UNDER HP BLEED AIR PORT COVER