



United Parcel Service

SERVICEABLE PARTS TAG

CAT. 2/3

SERVICEABLE PART	PART NUMBER <i>7A0406</i>		SERIAL NUMBER <i>E17925</i>		PO/RO <i>SR0179170</i>		
	ITEM ID		DESCRIPTION <i>ANGLE GEARBOX MODULE</i>				
	NEW <input type="checkbox"/> OH <input type="checkbox"/> REPAIRED <input checked="" type="checkbox"/> BENCH TEST <input type="checkbox"/> OTHER <i>lvl 2</i>		TSO <i>NEW</i> <i>8105</i>	MFG <i>FIAT</i>	CLASS <i>ROT</i>		
	DATE <i>12-08-94</i>	INSPECTED BY <i>C. SPRING</i>		VENDOR <i>PWORC</i>	CONTAINER TYPE <i>NIA</i>		
INST	GATEWAY <i>PLW</i>	ACFT/NHA SN <i>717925</i>	POSITION <i>NIA</i>	LOG PAGE/DOC NO. <i>NIA</i>	ITEM <i>NIA</i>	INSTALLED BY <i>WA2D259L</i>	DATE <i>12-30-4</i>
	GATEWAY <i>PLW</i>	ACFT/NHA SN <i>717925</i>	POSITION <i>NIA</i>	LOG PAGE/DOC NO. <i>NIA</i>	ITEM <i>NIA</i>	REMOVED BY <i>WA2D259L</i>	DATE <i>10-30-4</i>
REMOVED PART	REMOVED PART NUMBER <i>7A0406</i>		REMOVED SERIAL NUMBER <i>E17925</i>		FLIGHT NO <i>NIA</i>	SCHEDULED REMOVAL <i>QIN</i>	
	REASON FOR REMOVAL (BE SPECIFIC) <i>INSPECTED, REPAIRED, MODIFIED, REASSEMBLED</i>						
	<i>COMPLETE AND FINAL INSPECTED.</i>						
						223574	

MAJOR ASSEMBLY RECORDS SYSTEM

ENGINE NUMBER 0717925

JOB NUMBER 401661 222

CUSTOMER CODE 0923

TIME SINCE OVERHAUL 8165

TOTAL TIME 8165

MODEL PR2040

TOTAL CYCLES 5387

IINO	UMQ	QTY	PART-NO	PART NAME	SER NO	PIT	PTC	PTSO	INST	REPT	REMC	COMMENTS
E0465	1	001	7A0406	ANGLE GEARBOX&LAY SHAF	E17925	8165	5387	8165	06/27/88			
E0466	1	001	7F0402A	CASING-ANGLE GEARBOX	399	8165	5387	8165	06/27/88			
E0570	1	001	7B0356	GEARSHAFT-ASSY OF BYL	LS3597	8165	5387	8165	06/27/88			
E0571	1	001	716921	BEARING-ROLLER	LS6336	8165	5387	8165	06/27/88			
E0572	1	001	718210	BEARING-BALL	EH2041	0	0	0	02/02/95			
E0574	1	001	7P2064	GEARSHAFT-BEVEL SPUR G	* 0000000218893	8165	5387	8165	06/27/88			
E0575	1	001	7T0095	BEARING-BALL	* 0000000218894	8165	5387	8165	06/27/88			
E0576	1	001	7T0094	BEARING-ROLLER	* 0000000218895	8165	5387	8165	06/27/88			
E0591	1	001	7T0096	BEARING-ROLLER	* 0000000218896	8165	5387	8165	06/27/88			

PRATT & WHITNEY
OVERHAUL & REPAIR CENTER
MODIFICATION RECORD

ENGINE NUMBER: P717925 MODEL: PW2040
JOB NUMBER: 401661 CUSTOMER CODE: 0923
DATE: FEBRUARY 2, 1995

ANGLE GEARBOX MODULE S/N E-17925

PRATT & WHITNEY SERVICE BULLETINS INCORPORATED:

2000-72-0443

PRATT & WHITNEY SERVICE BULLETINS PREVIOUSLY INCORPORATED:

2000-72-0446 R1 2000-79-0057 R4

MAIN GEARBOX MODULE S/N F-17925

PRATT & WHITNEY SERVICE BULLETINS INCORPORATED:

2000-72-0321 R3 2000-72-0359 2000-72-0446 R1

PRATT & WHITNEY SERVICE BULLETINS PREVIOUSLY INCORPORATED:

2000-72-0256 R4 2000-72-0381 R3

THE AIRCRAFT ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS AGENCY UNDER THE JOB ORDER NUMBER SHOWN ABOVE

SIGNED: Joseph Vaillancourt CRS NO. WA2D259L
PRATT & WHITNEY OVERHAUL & REPAIR CENTER CHESHIRE, CT. 06410

END OF REPORT



U.S. Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
For FAA Use Only

Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1 000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make	Model	Nationality and Registration Mark
	Serial No	Name (As shown on registration certificate)	
2. Owner			

3. For FAA Use Only

4. Unit Identification			
Unit	Make	Model	Serial No
AIRFRAME			
POWERPLANT	Pratt & Whitney	PW2040	P717925
PROPELLER			
APPLIANCE	Type	Manufacturer	

6. Conformity Statement			
A. Agency's Name and Address			
Pratt & Whitney 500 Knotter Drive Cheshire, Connecticut 06410-1140			
B. Kind of Agency			
C. Certificate No.			
D. Certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge			

7. Approval for Return to Service	
Date	Signature of Authorized Individual
FEBRUARY 2, 1995	<i>Paul Cipollone</i>
Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED	

BY	FAA Fil. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection		Certificate or Designation No	Signature of Authorized Individual	
FEBRUARY 2, 1995		WA2D259L	<i>J.R. Bacon</i>	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Engine Number: P717925	Engine T I:	8164:21
	Engine Cycles:	5387
Job Number: 401661	Engine T S.O.	NEW

February 2, 1995 Subject engine was removed due to performance deterioration EGI limited.

Subject engine was disassembled as necessary to repair. Engine workscope performed was "ESV1", modified, reassembled, tested and accepted in accordance with Pratt & Whitney specifications and E.M. P/N 1A6231, United Parcel Service E.O. 2040-7200-0194 Revision N, "C" checks and Time Controlled Items were accomplished. Engine was borescoped after engine test and found acceptable.

The HPT had Maintenance Level 3 performed.

The following E.O.'s were issued against this engine:

E.O. 2040-7920-5406 Ref. EC 92FC133A

E.O. 2040-7200-6398B Ref. IEN 94FC056 & IEN 94FM232 and 93FC577

UPS FCD No. 757-7150-0094-A has been complied with

MPI P-3014 and P-2391 have been closed out.

NOTE: Perform Engine Leak Check prior to flight.

NOTE: QEC was installed after engine test. Functional checks required prior to flight.

NOTE: I.D.G. shipped "dry" flush and service on wing.

NOTE: Oil tank shipped dry service prior to flight.

NOTE: Engine preserved per method # 3, 91 Days Plus.

For A. D's. accomplished, see the attached Airworthiness Directive Status.

For Modifications accomplished, see the attached Modification Record.

See the attached FAA 337 Form for High Turbine Module installed.

Serial Number: C17907 Ref Job No. 410653-001

The following list details the Serial Numbers, Total Time (T I), Total Cycles (T C), and Time Since Overhaul (T S O) of the modules received on the subject engine.

MODULE	SERIAL NO.	T.T.	T.C.	T.S.O.	TSLVL3
Low Compressor	A17925	8164:21	5387	NEW	8164:21
High Compressor	B17925	8164:21	5387	NEW	8164:21
High Turbine	C17907	9366:58	6596	NEW	6998:22
Low Turbine	D17925	8164:21	5387	NEW	8164:21
Angle Gearbox	E17925	8164:21	5387	NEW	8164:21
Main Gearbox	F17925	8164:21	5387	NEW	8164:21

The following list details the Serial Numbers, Total Time (T I), Total Cycles (T C), and Time Since Overhaul (T S O) of the modules shipped on the subject engine.

MODULE	SERIAL NO.	Total Time	Total Cycles	I.S.O.	M.L.P.	TSLVL3
Low Compressor	A17925	8164:21	5387	NEW	2	8164:21
High Compressor	B17925	8164:21	5387	NEW	2	8164:21
High Turbine	C17907	9366:58	6596	NEW	3	0.0
Low Turbine	D17925	8164:21	5387	NEW	2	8164:21
Angle Gearbox	E17925	8164:21	5387	NEW	2	8164:21
Main Gearbox	F17925	8164:21	5387	NEW	2	8164:21

M L P = Maintenance Level Performed

Subject engine is approved for return to service with respect to the work performed.

End

Additional Sheets Are Attached

MAJOR ASSEMBLY RECORDS SYSTEM

ENGINE NUMBER 0717925

CUSTOMER CODE 0923 MODEL PW2040 JOB NUMBER 903639 222

TOTAL TIME 1166 TOTAL CYCLES 894 TIME SINCE OVERHAUL 1166

IINO	UNQ	QTY	PART-NO	PART NAME	SER NO	PTT	PTC	PTSO	INST	REMT	REMC	COMMENTS
E0485	1	001	7A0406	ANGLE GEARBOX&LAY SHAF	E17925	1166	894	1166	06/27/88			
E0486	1	001	7P0403A	CASING-ANGLE GEARBOX	339	1166	894	1166	05/27/88			
E0570	1	001	7B0356	GEARSHAFT-ASSY OF BVL	* 0000000218890	1166	894	1166	06/27/88			
E0571	1	001	7T0092	BEARING-ROLLER	* 0000000218891	1166	894	1166	06/27/88			
E0572	1	001	7T0121	BEARING-BALL	* 0000000218892	1166	894	1166	06/27/88			
E0574	1	001	7P2064	GEARSHAFT-BEVEL SPUR G	* 0000000218893	1166	894	1166	05/27/88			
E0575	1	001	7T0095	BEARING-BALL	* 0000000218894	1166	894	1166	06/27/88			
E0576	1	001	7T0094	BEARING-ROLLER	* 0000000218895	1166	894	1166	05/27/88			
E0591	1	001	7T0096	BEARING-ROLLER	* 0000000218896	1166	894	1166	06/27/88			