



BG Aerospace Inc.
10451 Mill Run Circle, suite 400, Owings Mills, MD 08361 USA

Part Number	3038513
Description	PT Disk – 1 st Stage
Serial Number	72A643
TSN	26,813.1
TSO	0
CSN	28,795
CSO	0



For more detailed information or pricing, please contact a member of our team.



856.466.2762
231.769.9458



www.bgaerospace.com



bgale@bgaerospace.com
lbush@bgaerospace.com



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Images



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Certs and Tags

1. Approving Civil Aviation Authority/Country TRANSPORT CANADA		2. Authorized Release Certificate Form One			3. Form Tracking No. 402630	
4. Organization Name and Address VECTOR AEROSPACE VECTOR AEROSPACE ENGINE SERVICES ATLANTIC P.O. BOX 150, SUMMERSIDE PE. CANADA				5. Work Order/Contract/Invoice 35-40080		
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial/Batch No.	11. Status/Work	
1	DISK, 1ST STG PT	3038513	1	72A643	Overhauled	
12. Remarks OVERHAULING IAW PWC CIR MANUAL P/N 3043515 REVISION #33 REVISION DATE OCT 26TH/2015 REMOVED FROM ENGINE 127076 CUSTOMER P.O. C4995 TSO 0.0 TSN 28813.1 CSN 28795 CSO 0					Approvals: EASA.145.7014 South Africa No.849 Kenya No. K/A1/8/10 Tanzania No.AI/CA/1.01 Brazil 0006-0/ANAC Egypt ECAA/AW/AE/E0290/R1 ANAC 1B-347 Botswana B/A/63FDT Indonesia 145/56400 Maldives MV.145.050 Uganda AMO/152 Philippines 315-F	
The work stated above has been performed in accordance with Title 14, Code of Federal Regulations Part 43.17 and/or EASA 145						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation. ☐ Non approved design data specified in block 12.						
14a. ☒ CAR 571.10 Maintenance Release ☒ Other regulations specified in block 12. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.						
13b. Signature		13c. Approved Organization Number		14b. Signature		
13d. Name		13e. Date (dd/mm/yyyy)		14c. Approved Organization Number		
				TCCA AMO 3-92		
				14d. Name		
				Robert Doucette		
				14e. Date (dd/mm/yyyy)		
				22-Dec-2015		
* Installer must cross-check eligibility with approved data						
USER/INSTALLER RESPONSIBILITIES						
This document does not constitute the authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						
Form One (2009-01-09) Printed 22/12/2015 1:08:47 PM						

Page 1 of 1

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ENGINE SERVICE AND

VECTOR AEROSPACE		PW100 Life Limited Part History Record						Vector Aerospace Engine Services P.O. Box 150, Summerside PEI Canada, C1N 4P6 AMO No. 3-92	
Part Description		Part Number	Serial Number	Heat Code	TSN	CSN			
Disk, PT, 1st Stage		3038513	72A643	LATDH	26813.1	28795			
Engine Data				Part Data				Class 4	
Engine Serial Number	Engine Model	TSN/CSN When Part Installed	TSN/CSN When Part Removed	Time This Installation	Cycles This Installation	Total TSN Accumulated	Total CSN Accumulated	Date	Stamp
127076	PW127	0.0 0	26813.1 28795	26813.1	28795	26813.1	28795	27/Oct/2015	ATI 85
Remarks									
Note: For determination of accumulated and remaining life on this part, refer to the engine Maintenance Manual or Service Bulletin, as applicable. This record must be kept with the engine/module logbook where this part is installed.									

Q-Form 020 (2013-07-24)

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ENGINE SERVICE AND				MAINTENANCE RECORD	
TIME SINCE OVERHAUL				REPAIRS, ADJUSTMENTS, MODIFICATIONS	
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE				ENTRIES DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	
INSTALLATIONS, INSPECTIONS.				SIGNATURE	
BROUGHT FORWARD				LICENCE NUMBER	
HRS. MIN. HRS. MIN.					
28 Nov 93	0	0	0	0	NEW ENGINE FINAL ACCEPTANCE TEST AND INHIBITING RUN COMPLETED SATISFACTORILY AND IS IN A CONDITION FOR SAFE OPERATION.
7 JAN 1994	0	0	0	0	ENGINE INSTALLED ON A/C 288 RIGHT HAND
1/17/94	TAT-	2528			THIS TURBOMACHINE IS ACCEPTED AS DELIVERED IN THE ASSEMBLED AND SIMMONS APPROVED ORN. PROGRAM
	TAC-	499			
	TEN-	0.0			
	CSN-	0			
4-8-95	THIS TURBOMACHINE IS ACCEPTED AS DELIVERED IN THE ASSEMBLED AND SIMMONS APPROVED ORN. PROGRAM				
	A/C 288 33136 33136 33136 33136 33136				
OCT 13 1995	REPAIRS, ADJUSTMENTS, MODIFICATIONS				
T.S.N.	33136	C.S.N. 3531			
MAINTENANCE DESCRIBED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF AIRWORTHINESS.					
MATED AND TESTED WITH REDUCTION GEARBOX MODULE W/6 12931 S/N RGM 127076					
HOT SECTION INSPECTION CARRIED OUT TESTED WITH SLAVE E.E.C. AND A.F.C.U. UNIT HAS BEEN PROCESSED IN ACCORDANCE WITH P.L.W. SERVICE CENTRE SPEC. PDW127-001					
CARRIED FORWARD					
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.					

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REC1097		PRATT & WHITNEY CANADA		I.D.O.E. COMPANY APPROVAL NO. 4581 Company Authorized Inspector RENE MOUNIER <i>Rene Mounier</i>	
DATE LAST COMP. RECORDED: 29 NOV 93		SERIALIZED COMPONENTS CONTAINED IN ENGINE SERIAL: 127076		DATE PRINTED: 29 NOV 93 TIME: 21:54:19 PAGE: 1	
COMPONENT CODE	COMPONENT NAME	PART SERIAL NO.	HEAT CODE	FORGING NO.	PART NUMBER
2060	EXCITER IGNITION	NV93090581			3039609
2060	EXCITER IGNITION	NV93090582			3039609
3001	BEARING BALL ANNULAR	BB9318386			3111620-01
3002	BEARING ROLLER CYLINDRICAL	FC9069			3107845-01
3003	BEARING BALL ANNULAR	FC6592			3112489-01
3004	BEARING BALL FLANGED	BB9310717			3111618-01
3005	BEARING ROLLER FLANGED	MR00001393			3113623-01
3006	BEARING ROLLER CYLINDRICAL	FC11083			3107849-03
3007	BEARING ROLLER CYLINDRICAL	BB9317401			3107850-01
3008	BEARING BALL ANNULAR	FR9306212			3106684-01
3009	BEARING ROLLER JOURNAL	FC10293			3107496-01
3009	BEARING ROLLER JOURNAL	FC10301			3107496-01
3010	BEARING BALL FLANGED	FA9308657			3101393-01
3010	BEARING BALL FLANGED	FA9308701			3101393-01
3011	BEARING ROLLER FLANGED	FA9308500			3103579-01
3012	BEARING ROLLER FLANGED	BB9318214			3112369-01
3012	BEARING ROLLER FLANGED	BB9318215			3112369-01
3012	BEARING ROLLER FLANGED	BB9318259			3112369-01
3012	BEARING ROLLER FLANGED	BB9318262			3112369-01
3013	BEARING BALL FLANGED	FA9307272			3101371-01
3013	BEARING BALL FLANGED	FA9307273			3101371-01
3014	BEARING ROLLER FLANGED	FC4970			3106847-01
3014	BEARING ROLLER FLANGED	FC4971			3106847-01
3016	BEARING ROLLER FLANGED	FC12152			3111928-01
3016	BEARING ROLLER FLANGED	FC12153			3111928-01
3016	BEARING ROLLER FLANGED	FC12161			3111928-01
3016	BEARING ROLLER FLANGED	FC13053			3111928-01
3018	BEARING ROLLER FLANGED	FC14716			3111930-01
3018	BEARING ROLLER FLANGED	FC14719			3111930-01
3018	BEARING ROLLER FLANGED	FC14721			3111930-01
3018	BEARING ROLLER FLANGED	FC14759			3111930-01
3020	BEARING ROLLER FLANGED	RH2090			3111931-01
3021	BEARING BALL ANNULAR	FA9307593			3111931-01
3022	BEARING ROLLER FLANGED	RH2323			3114774-01
3023	SHAFT STUB POWER TURBINE	3Y579	PFHHA		3114375-01
3024	BEARING ROLLER FLANGED	FA9308558			3105421-01
3024	BEARING ROLLER FLANGED	FA9308559			3101362-01
3025	IMPELLER LOW PRESSURE	7E799	P3BCW	035	3039487
3026	SHAFT LOW PRESSURE	6Y651			3117299-01
3027	DISC TURBINE LOW PRESSURE	72A993	LANAA	727	3039412
3028	IMPELLER CENTRIFUGAL HIGH PRESSURE	7E905	MAARC	6	3037547
3029	SHAFT STUB HIGH PRESSURE	7Y963	P3ARY		3116470-01
3030	DISC HIGH PRESSURE TURBINE	65A368	LANIT	0267	3041511
3031	COVER HIGH PRESSURE FRONT	65A965	LAKAF	1514	3039640

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lbush@bgaerospace.com

REC1007	PRATT & WHITNEY CANADA				DATE PRINTED: 29 NOV 93
	SERIALIZED COMPONENTS CONTAINED IN ENGINE SERIAL: 127076				TIME: 21:54:38
	DATE LAST COMP. RECORDED: 29 NOV 93				PAGE: 2
COMPONENT CODE	COMPONENT NAME	PART SERIAL NO.	HEAT CODE	FORGING NO.	PART NUMBER
3032	COVER HIGH PRESSURE REAR	71A000	LARHW	2160	3039639
3033	SHAFT POWER TURBINE	67738	TAAAK		3117651-01
3034	DISC POWER TURBINE	72A643	LATDH	8467	3038513
3035	DISC POWER TURBINE	72A551	LACTL	8240	3033914
3036	SHAFT COUPLING R.G.B.	6M494	TAACB		3115199-01
3037	COUPLING DRIVE R.G.B.	5P991	P3APA		3106488-01
3038	INPUT SHAFT R.G.B. (REC. 1ST HEAT CODE)	57C025	ADAIZ		3110895-01
3039	GEAR HELICAL L/H	57C173	P3AUA		3116739-01
3039	GEAR HELICAL L/H	57C179	P3AUA		3116739-01
3042	GEARSHAFT SPUR	54C059	ADAIZ		3116742-01
3043	GEARSHAFT SPUR	56C864	P3AUB		3116635-01
3046	SHAFT PROPELLER	6V225	PFHGP		3115423-01
3047	CASE TURBINE SUPPORT	6F791			3116274-01
3048	HOUSING LOW PRESSURE	7F458			3115638-01
3049	GEARSHAFT COUPLING	53C512			3101835-01
3050	GOVERNOR PROP. O/SPEED	2700000D			3039336
3051	PUMP HYDRAULIC O/SPEED	2699983			3039678
3052	CASE GAS GENERATOR	7F149			3117730-01
3053	F.C.U. HYDROMECHANICAL	560079N 560081 <i>hr</i>			3117178-01
3054	PUMP FUEL	5054 5347 <i>hr</i>			3040022
3055	WIRING HARNESS ELECTRICAL	AA2943			3116050-02
3056	F.C.U. ELECTRONIC	93040422			3038939
3059	HEATER FUEL	WA3118			3117044-01
3063	PROBE PULSE PICK-UP	CHI0490			3039242
3063	PROBE PULSE PICK-UP	CHI0531			3039242
3063	PROBE PULSE PICK-UP	CHI0535			3039242
3064	FLOW DIVIDER	0150			3117948-03
3065	SENSOR TEMPERATURE	CH2900			3034652
3067	GEARSHAFT BEVEL ACC. DRIVE	47C227	SAAGL		3111968-01
3068	GEAR BEVEL A.G.B. DRIVE	47C952			3112677-01
3069	GEARSHAFT SPIRAL BEVEL ACC. DRIVE	47C605			3111969-01
3070	GEAR BEVEL OIL PUMP DRIVE	47C852			3109331-01
3071	GEARSHAFT BEVEL ACC. G/BOX DRIVE	47C125			3106258-01
3072	GEAR BEVEL ACC. DRIVE	47C900			3109330-01
3073	LINER-COMBUSTION CHAMBER OUTER ASSY OF	9H452			3112379-01
3074	LINER-COMBUSTION CHAMBER INNER ASSY OF	1K208			3112377-01
3075	SHAFT-TORQUE REDUCTION GEARBOX ASSY OF	7X704	SAAES		3117761-01
3075	SHAFT-TORQUE REDUCTION GEARBOX ASSY OF	8X755	SAAFP		3117761-01
3077	COOLER-OIL	WA3299			3118263-01
3078	VALVE-SERVO INTER.	HC1119			3108404-01
3079	GEARSHAFT-SPUR SECOND STAGE	53C117	ADAIZ		3116741-01
3081	BEARING ROLLER FLANGED	FC3300			3104907-01
3081	BEARING ROLLER FLANGED	FC3310			3104907-01
3082	CASE ASSY-INTERCOMPRESSOR	8F160			3114959-04
3083	AUTO FEATHER CONTROL	MM1321			3118091-01

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REC1007	PRATT & WHITNEY CANADA			DATE PRINTED: 29 NOV 93	
	SERIALIZED COMPONENTS CONTAINED IN ENGINE SERIAL: 127076			TIME: 21:54:58	
				PAGE: 3	
DATE LAST COMP. RECORDED: 29 NOV 93					
COMPONENT CODE	COMPONENT NAME	PART SERIAL NO.	HEAT CODE	FORGING NO.	PART NUMBER
3088	VANE RING-L.P. TURBINE	8K642			3048862
3089	VANE RING-POWER TURBINE	SK104			3039753
3090	VALVE ASSY-INTERCOMPRESSOR BLEED	140887			3116691-02
3091	SENSOR-TORQUE MONITOR R.G.S.	CH323			3116499-02
3091	SENSOR-TORQUE MONITOR R.G.S.	CH326			3116499-02
3100	VANE RING POWER TURB.	4K646			3040054
3102	SEAL-AIR INTERSTAGE	33A043	P30PK	124	3039172
3103	H.P. BLADE	30A184			3115601-01
3103	H.P. BLADE	30A932			3115601-01
3103	H.P. BLADE	32A014			3115601-01
3103	H.P. BLADE	32A036			3115601-01
3103	H.P. BLADE	32A333			3115601-01
3103	H.P. BLADE	32A381			3115601-01
3103	H.P. BLADE	32A451			3115601-01
3103	H.P. BLADE	32A463			3115601-01
3103	H.P. BLADE	32A683			3115601-01
3103	H.P. BLADE	32A900			3115601-01
3103	H.P. BLADE	32A930			3115601-01
3103	H.P. BLADE	32A948			3115601-01
3103	H.P. BLADE	33A018			3115601-01
3103	H.P. BLADE	33A033			3115601-01
3103	H.P. BLADE	33A452			3115601-01
3103	H.P. BLADE	33A533			3115601-01
3103	H.P. BLADE	33A730			3115601-01
3103	H.P. BLADE	34A076			3115601-01
3103	H.P. BLADE	34A097			3115601-01
3103	H.P. BLADE	34A330			3115601-01
3103	H.P. BLADE	34A372			3115601-01
3103	H.P. BLADE	34A414			3115601-01
3103	H.P. BLADE	34A441			3115601-01
3103	H.P. BLADE	34A578			3115601-01
3103	H.P. BLADE	34A642			3115601-01
3103	H.P. BLADE	34A479			3115601-01
3103	H.P. BLADE	34A615			3115601-01
3103	H.P. BLADE	34A906			3115601-01
3103	H.P. BLADE	34A995			3115601-01
3103	H.P. BLADE	37A031			3115601-01
3103	H.P. BLADE	37A048			3115601-01
3103	H.P. BLADE	37A063			3115601-01
3103	H.P. BLADE	37A069			3115601-01
3103	H.P. BLADE	37A140			3115601-01
3103	H.P. BLADE	37A240			3115601-01
3103	H.P. BLADE	37A290			3115601-01
3103	H.P. BLADE	38A158			3115601-01
3103	H.P. BLADE	38A340			3115601-01
* END OF REPORT *					

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Life Items Report PW100
AS-31655PW Sept 2003
Service Center PWES Atlanta, GA.
Certificate Number HN4R238M

Outgoing Report

Pratt & Whitney Canada
A United Technologies Company

Life Limited Parts Summary
Reference : Maint / Man 3037332 Revision : 42

CUSTOMER	SALES ORDER	STATUS	MODEL	DATE	SERIAL NUMBER
EXECUTIVE AIR / FMP	163033	H.S.I.	PW127	JAN 22 2010	127076

Turbo Machinery Module

Time Since New	23955.7	Time Since OH	4114.3	Time S.H.S.I.	0.0	Time S.M.R.	NA
Cycles Since New	25567	Cycles Since OH	4369	Cycles S.H.S.I.	0	Cycles S.M.R.	NA

Status	Part Name	Part Number	Serial Number	Total Time	Cycles	F.C.F.	Total Cycles	Rem. Cycles	Cycle Limit	Remarks
INCOMING	Impeller L.P.									NOT DETERMINED
OUTGOING	Impeller L.P.									NOT DETERMINED
INCOMING	Impeller H.P.									NOT DETERMINED
OUTGOING	Impeller H.P.									NOT DETERMINED
INCOMING	Cover H.P. Front	3039640	A0024XAC	4114.3	4369	1.000	4369	10631	15000	
OUTGOING	Cover H.P. Front	3039640	A0024XAC	4114.3	4369	1.000	4369	10631	15000	
INCOMING	Air Seal Intr.	3039172	TPAA4595	4114.3	4369	1.100	4806	10194	15000	
OUTGOING	Air Seal Intr.	3039172	TPAA4595	4114.3	4369	1.100	4806	10194	15000	
INCOMING	Cover H.P. Rear	3039639	A0017C9E	9919.6	10588	1.000	10588	4412	15000	
OUTGOING	Cover H.P. Rear	3039639	A0017C9E	9919.6	10588	1.000	10588	4412	15000	
INCOMING	Blades H.P.	3115601-01	*	4114.3	4369		4369	10631	15000	
OUTGOING	Blades H.P.	3115601-01	*	0.0	0		0	15000	15000	
INCOMING	Disk H.P.	3041611	A0017MYK	9919.6	10588	1.000	10588	4412	15000	
OUTGOING	Disk H.P.	3041611	A0017MYK	9919.6	10588	1.000	10588	4412	15000	
INCOMING	Disk L.P.	3039412	A0017FF6	9919.6	10588	1.000	10588	4412	15000	
OUTGOING	Disk L.P.	3039412	A0017FF6	9919.6	10588	1.000	10588	4412	15000	
INCOMING	Disk P.T. #1	3038513	72A643	23955.7	25567	1.000	25567	4433	30000	
OUTGOING	Disk P.T. #1	3038513	72A643	23955.7	25567	1.000	25567	4433	30000	
INCOMING	Disk P.T. #2	3033914	72A651	23955.7	25567	1.000	25567	4433	30000	
OUTGOING	Disk P.T. #2	3033914	72A651	23955.7	25567	1.000	25567	4433	30000	
INCOMING	Blades P.T. #1	3120983-01	*	4114.3						
OUTGOING	Blades P.T. #1	3120983-01	*	4114.3						

Remarks : * Ref Blade History card

Technician: *Anthony Jones* Signature Date: 3/23/10

Inspector: *Luis A. CASTILLO* Signature Date: 3-23-2010

Distribution : Main engine file.

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