





Willis Lease Finance Corporation
Power to Spare – Worldwide®

Mini Pack

Engine Model: PW127M	
Build Spec:	1237
ESN:	ED1979
TSN:	0.00
CSN:	0
TSO:	NA
CSO:	NA
TSHSI:	NA
CSHSI:	NA
RGB SN:	ED1979
TSN:	0.00
CSN:	0
TSO:	NA
CSO:	NA

Tech Comments:	
Reduced Intervals:	None
Fuel Nozzles:	Phase 5 TSO: 0.00
Comments:	

Contents:
TMM / RGB MFG CERT – Transport Canada Form One
LLP Status
Accessories List
SB / AD Status
Test Data

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country		2. BON DE SORTIE AUTORISÉE - AUTHORIZED RELEASE CERTIFICATE			3. Numéro de suivi du formulaire - Form Tracking No.	
Transport Canada		FORM ONE			SEE BLOCK 5	
4. Nom et adresse de l'organisme - Organization Name and Address		Pratt & Whitney Canada Cie ./ Pratt & Whitney Canada Corp.			5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice	
 Pratt & Whitney Canada Une société de United Technologies/A United Technologies Company		1000 Boul. Marie-Victorin Longueuil, Québec, Canada J4G 1A1			4001424854	
6. Article -Item	7. Description	8. Numéro de pièce - Part Number	9. Qtée.- Qty.	10. Numéro de série/de lot - Serial/Batch No.	11. Situation/Travail - Status/Work	
1	PW127M TURBOPROP GAS TURBINE ENGINE	3073453-01 BS1237	1	PCE-ED1979 Includes RGM & TM-ED1979	NEW	
12. Remarques - Remarks						
CERTIFIES THAT THE ITEM IDENTIFIED ABOVE WAS MANUFACTURED IN CONFORMITY TO APPROVED DESIGN DATA AS IDENTIFIED IN THE CANADIAN TYPE CERTIFICATE NUMBER E-19, TO ITS UNITED STATES TYPE DESIGN APPROVED UNDER THE UNITED STATES FEDERAL AVIATION ADMINISTRATION (TYPE CERTIFICATE NUMBER E20NE, REV 13, DATED SEPTEMBER 13, 2019), TO ITS EASA APPROVED TYPE CERTIFICATE NUMBER IM.E.041, TO ITS ANAC BRAZILIAN TYPE CERTIFICATE NUMBER 8503. THIS AIRCRAFT ENGINE IS FOUND TO BE IN A CONDITION FOR SAFE OPERATION AND HAS UNDERGONE A FINAL OPERATIONAL CHECK.						
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to:				14a.		
<input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité. approved design data and are in condition for safe operation.				<input type="checkbox"/> RAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release.		
<input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.				<input type="checkbox"/> Autre réglementation précisée à la case 12. - Other regulations specified in block 12.		
Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. 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. Numéro de l'organisme agréé Approved Organization Number		14b. Signature		
 TC 458 NO. 017		4-58		S/O - N/A		
13d. Nom - Name		13e. Date (jj/mmm/aaaa - dd/mmm/yyyy)		14d. Nom - Name		
Eric Forcier		23 Dec 2019		S/O - N/A		
				14c. Numéro de l'organisme agréé Approved Organization Number		
				S/O - N/A		
				14e. Date (jj/mmm/aaaa - dd/mmm/yyyy)		
				S/O - N/A		

P&WC 5720 (2017-09) - QMSP 10-02

Le monteur doit contre-vérifier l'admissibilité avec les données approuvées. Installer must cross-check eligibility with approved data-

RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

1. Le présent bon de sortie ne constitue pas une autorisation de montage.- 1. This certificate does not constitute authority to install.
2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than specified in block 1 must ensure that their regulations recognize certifications from country specified.
3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler. - 3. Statements in block 13a and 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.

General Engine info	
Model and type of engine	PW127M
Current power rating of engine	PW127M
EGT Margin of engine deg C	
EGT Margin value date	
Current Location	
Engine at date:	23-Dec-2019
Current TSN of engine:	0.00
Current CSN of engine:	0
Last installation /Shop input:	
TSN of last installation / shop input:	0.00
CSN of last installation / shop input:	0

Non Limited Parts Information		
Name	Part Number	Serial Number
Shipping Container		

LLP Parts

Module Name	Name	Part Number	Serial No	Total Hours	Total Cycles	Cycles Used	Flight Count	Factored Cycles	Cycles Limit	Factored Cycles Remaining	Residual Cycles Remaining
						PW127M	PW127M	PW127M	PW127M	PW127M	PW127M
Turbomachine	Impeller, LP	3072764-01	EAAE000X048	0.00	0	0	1.0000	0	15,000	15,000	15,000
Turbomachine	Impeller, HP	3072766-01	A004L0M5	0.00	0	0	1.0000	0	15,000	15,000	15,000
Turbomachine	Seal, Air Interstage	023039172-02	MDA19009369	0.00	0	0	1.2500	0	15,000	15,000	12,000
Turbomachine	Disk, LP	3039412	A004LXCH	0.00	0	0	1.0000	0	15,000	15,000	15,000
Turbomachine	Disk, PT 1st Stg	3038513	A004L5X9	0.00	0	0	1.0000	0	30,000	30,000	30,000
Turbomachine	Disk, PT 2nd Stg	3033914	A004KXLW	0.00	0	0	1.0000	0	30,000	30,000	30,000
Turbomachine	Cover, HPT Front	3039640	A004MDN4	0.00	0	0	1.1500	0	15,000	15,000	13,043
Turbomachine	Cover, HPT Rear	3039639	A004MDNX	0.00	0	0	1.0000	0	15,000	15,000	15,000
Turbomachine	Disk, HP	3041511	A004MHH3	0.00	0	0	1.0000	0	15,000	15,000	15,000
Turbomachine	HPT Blades	3115601-01	Various	0.00	0	0	1.0000	0	15,000	15,000	15,000

Aircraft Information	
Aircraft registration:	N/A
Position:	N/A
Current TSN of Aircraft:	N/A
Current CSN of Aircraft:	N/A
TSN of Aircraft at last installation:	N/A
CSN of Aircraft at last installation:	N/A
Engine Status	

Engine Comments:

Limiting Part Information		
Power Rating	Limiting Part	Cycles Remaining
PW127M	Turbomachine [Multiple]	15,000

Limiting Part Information - Residual cycles		
Power Rating	Limiting Part	Cycles Remaining
PW127M	Turbomachine [Seal, Air Interstage]	12,000

Limiting Inspection Information			
Type	Description	Limit	Remaining
Hour Limit	N/A	N/A	N/A
Cycle Limit	N/A	N/A	N/A
Date Limit	N/A	N/A	N/A

Last Shop Visit Information		
Time since last HSV	Hours	Cycles
Time since last SV	0.00 Hours	0 Cycles
Last Repair Agency		
Last SV Workscope	N/A	
Airworthiness Release		

Authorising Signature _____

Date _____

Although the information in this report has been obtained from sources which Willis Lease Finance Corporation (as Servicer) believes to be reliable, any such information may be incomplete or condensed. All data and information included in this report is for information purposes only, and is not intended as official documentation with respect to the purchase of this engine.

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Page 1

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3033509	PROBE-PULSE PICK-UP	CH23421				
3033914	DISC-POWER TURBINE	A004KXLW	ZAFNF	043		
3035968	THERMOCOUPLE-T6 TRIM	NR07840				
3037448	T6 TRIM CABLE	NR05729				
3037603	TEMPERATURE SENSOR	NR06660				
3038513	DISC-POWER TURBINE	A004L5X9	ZAFPP	132		
3038555	COUPLING-GROOVED,FUEL PUMP	07462				
3039172-02	SEAL-AIR, INTERSTAGE	MDA19009369	ZAFWLW	351		
3039412	DISC-TURBINE,LOW PRESSURE	A004LXCH	ZAFRL	045		
3039609	EXCITER-IGNITION	NNA19220017				9049400-1
		NNA19220021				9049400-1
3039639	COVER-HIGH PRESSURE TURBINE,REAR	A004MDNX	ZAFWLW	089		
3039640	COVER-HIGH PRESSURE TURBINE,FRONT	A004MDN4	EPYHL	22		
3039754	CABLE-ELECTRICAL,T6 THERMOCOUPLE	NRA05037				
3039993	OIL FILLER AND VALVE	9084				PT08001A01K
3041511	DISC-TURBINE,HIGH PRESSURE	A004MHH3	ZAFPP	297		
3044993CL06	VANE RING-POWER TURBINE	HLA640E				
3045523-01	SHAFT-PROPELLER	EAAE000W051				
3048862CL02	VANE RING-LOW PRESSURE TURBINE	PDAML3EE01				
3048934-01	LINER-COMBUSTION CHAMBER-INNER	FTA934A2211				
3051009-01	HOUSING-SEAL,LOW PRESS TURB,ASSY OF	SGA0084652				
3052959-01	LINER-COMBUSTION CHAMBER-OUTER	FTA959A2328				
3056281-01	SHAFT-STUB,HIGH PRESSURE TURBINE	PKAAA857471				
3057022-01	DIFFUSER-GAS GENERATOR	RWA78F055				
3058293-01	THERMOCOUPLE-IMMERSION	EM3D525346				
		EM3D525348				
		EM3D525359				
		EM3D525365				
		EM3D525366				
		EM3D525371				
		EM3D525372				
		EM3D525373				
		EM3D525750				
3059148-01	CASE ASSY-INTERCOMPRESSOR	A004M70W				
3059270-01	CASE-TURBINE SUPPORT,ASSY OF	EDA1848X				
3059373-01	BEARING-ROLLER,CYLINDRICAL	FCN512621				
3072764-01	IMPELLER-CENTRIFUGAL,LOW PRESSURE	EAAE000X048	PYADD	39		
3072766-01	IMPELLER-CENTRIFUGAL,HP COMPRESSOR	A004L0M5	P3DKT	032		

Cont'd

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Page 2

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3073309-05	CONTROL-ENGINE,ELECTRONIC	19080034				1012974-5-002
3073315-04	WIRING HARNESS-ELECTRICAL	EFC01228				
3073471-02	SENSOR-TORQUE MONITOR,RDCN GRBX	CH4133				
3073908-01	BEARING OPTION (IC) (.9451X1.665X.4699)	CH4135				
		AEB0322054				
		AEB0322265				
		AEB0322274				
		AEB0322308				
3075032-01	SHAFT-INPUT REDUCTION GEARBOX	AEB0323779				
		RWA83F695				
		AHX1702552				
		HLAC519				
		CH7158				
3075961-04	VALVE ASSY-INTERCOMPRESSOR BLEED	CH7164				
		CH7173				
		PKAAA849571				
		YW5168				
		YW5171				
3076234CL03	VANE RING-POWER TURBINE	YW5175				
		YW5203				
		YW5437				
		YW5438				
		YW5439				
307761-01	PROBE-PULSE PICK-UP	YW6583				
		PKAAA849571				
		PKAAA849571				
		FAA1915141				
		FAA1918386				
3077960-01	SHAFT-POWER TURBINE	FAA1913707				
		FAA1913708				
		PKAAA824071				
		FAA1912006				
		FCN522508				
3077981CL03	VANE RING SEGMENT-HP TURBINE,ASSY OF	FCN522509				
		RWA81F149	P4AMH			
		PKAAA848973				
		FCN522983				
		PKAAA842861				
3077981CL05	VANE RING SEGMENT-HP TURBINE,ASSY OF					
3078345-01	SHAFT-POWER TURBINE ASYO					
3078347-01	SHAFT BALANCING ASSY-POWER TURBINE					
3101362-01	BEARING-ROLLER CYLINDRICAL FLANGED					
3101371-01	BEARING-BALL FLANGED					
3101835-01	GEARSHAFT-CPLG ACC DRIVE					
3103579-01	BEARING-ROLLER CYLINDRICAL FLANGED					
3104907-01	BEARING-RLR.FLG.1.181 X 2.441 X.666					
3105421-01	SHAFT-STUB,POWER TURBINE					
3106056-01	GEARSHAFT-SPUR					
3106213-01	BEARING-ROLL, 4.9211X7.2045X.9815					
3106258-01	GEARSHAFT-BEVEL,ACCESSORY GEARBOX D					

Cont'd

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Page 3

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3106488-01	COUPLING-DR.,REDN.GBOX.INPUT SHAFT	PKAAA853156				
3106684-01	BEARING-BALL,ANNULAR	FAA1916287				
3106847-01	BEARING, ROLLER, FLANGED NO.8 & NO.9	FCN523643				
		FCN523659				
3107450-01	BEARING-AGB (OPTION)	FCN520741				
		FCN521057				
3107496-01	BEARING-ROLLER	FCN518577				
3107845-01	BEARING-RLLR CLNDRCL FLANGED,OPTION	FCN521862				
3107849-03	BRG-RLR,CYL,2.36205X3.6215 X.7005	FCN521075				
3109330-01	GEAR-BEVEL OIL,PUMP-DRIVE,33T	PKAAA852398				
3109331-01	GEAR-BEVEL OIL,PUMP-DRIVE,34T	PKAAA852509				
3111618-01	BEARING-BLL FLGD,2.75X4.09X.760,OPT	BB0322218				
3111620-01	BEARING-BLL ANLR,2.36X4.52X1.21,OPT	BB0320364				
3111928-01	BEARING-ROLLER FLANGED	FCN521328				
		FCN521331				
		FCN523358				
		FCN523359				
3111930-01	BRG-RLR.FLG.3.267 X 6.023 X 1.2175	FCN526631				
		FCN526639				
		FCN526641				
		FCN526683				
3112489-01	BEARING-BALL 3.14945 X 4.6458 X .74	FCN528301				
3112677-01	GEAR-BEVEL,ACCY GEARBOX 47 TEETH	PKAAA851015				
3113199-02	PLUG-CHARACTERIZATION,ASSY OF	NRA09247				
3113781-01	BEARING-RL,FL,4.330 X 6.889 X 1.059	FCN526433				
3114774-01	BEARING-BALL,ANNULAR	FAA1907613				
3114834-01	HOUSING-PROP REDUCTION GEARBOX,FR	A004HYM0				
3115200-01	SHAFT-COUPLING,FLANGED,RDCN GBX,ASYO	PKAAA866077				
3115317-01	HOUSING-INPUT DRIVE.	HBA4194857X1				
3115601-01	BLADE-TURBINE, HIGH PRESSURE	HWXM4579				
		HWXM7211				
		HWXP4531				
		HWXP6524				
		HWXP8595				
		HWXR0623				
		HWXR1466				
		HWXR1488				
		HWXR1554				

Cont'd

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Page 4

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
		HWXR1556				
		HWXR7309				
		HWXT0754				
		HWXT4698				
		HWXT4700				
		HWXT4737				
		HWXT4943				
		HWXT4947				
		HWXT5058				
		HWXX6407				
		HWXX6426				
		HWXY1948				
		HWYA9238				
		HWYA9322				
		HWYA9324				
		HWYB0500				
		HWYB0636				
		HWYB0771				
		HWYB0783				
		HWYB7030				
		HWYB8352				
		HWYB8419				
		HWYB8469				
		HWYC0955				
		HWYC1123				
		HWYC1140				
		HWYC1250				
		HWYC1258				
		HWYC1270				
3116104-02	HOUSING-REDUCTION GEARBOX REAR	A004M22R				
3116635-01	GEARSHAFT-SPUR 2ND STAGE RED.,135 T	RWA84F330				
3116741-01	GEARSHAFT-SPUR,2ND STAGE REDUCTION	PKAAA851805				
3116742-01	GEARSHAFT-SPUR 2ND STAGE RED.,38 T	PKAAA851822				
3117178-10	FUEL CONTROL-MECHANICAL	C42020Y				3244871-9
3117299-01	SHAFT-LOW PRESSURE ROTOR	PKAAA853283				
3117761-01	SHAFT ASYO-TORQUE REDUCTION GEARBOX	RWA83F489				
		RWA84F797				
3118263-01	COOLER-OIL,FUEL COOLED	WA60523				10845B

Cont'd

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3118511-01	FLOW DIVIDER AND DUMP VALVE	H1812				26355-1
3118642-01	VALVE ASSY-SERVO	WDA13395				
3118882-01	BLADE-TURBINE, LOW PRESSURE	HWYB5698				
		HWYB5711				
		HWYB5800				
		HWYB5805				
		HWYB5810				
		HWYB5823				
		HWYB6774				
		HWYB6777				
		HWYB6877				
		HWYB6983				
		HWYB7057				
		HWYB7099				
		HWYB8921				
		HWYB8932				
		HWYB8942				
		HWYB8943				
		HWYB8994				
		HWYB9075				
		HWYB9083				
		HWYB9144				
		HWYB9152				
		HWYB9785				
		HWYB9795				
		HWYB9811				
		HWYC0132				
		HWYC0140				
		HWYC0141				
		HWYC0508				
		HWYC0512				
		HWYC0513				
		HWYC0596				
		HWYC0598				
		HWYC0603				
		HWYC0605				
		HWYC0607				
		HWYC0661				

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3120075-02	HEATER-OIL TO FUEL	HWYC0667				10839F 5009982E
3120249-02	PUMP-FUEL	HWYC0669				
3121706-01	BEARING-ROLLER	HWYC0677				
3123798-01	GEARSHAFT-SPL BEV,ACCESS GRBX DR,46T	HWYC0689				
3123799-01	GEARSHAFT-SPL BEV,ACCESS GRBX DR,18T	HWYC0779				
3123943-01	BLADE-TURBINE,POWER	HWYC0853				
		HWYC0874				
		HWYC0876				
		HWYC1037				
		HWYC1039				
		HWYC1050				
		WA60559				
		E1899				
		FCN524937				
		PKAAA816093				
		PKAAA842111				
		TH51A930				
		TH55A181				
		TH55A208				
		TH55A211				
		TH55A247				
		TH55A271				
		TH55A272				
		TH55A304				
		TH56A823				
		TH56A852				
		TH56A883				
		TH56A896				
		TH56A908				
		TH57A152				
		TH57A155				
		TH57A167				
		TH57A185				
		TH57A212				
		TH57A215				
		TH57A234				
		TH57A262				
		TH57A289				

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
		TH57A312				
		TH57A347				
		TH58A375				
		TH63A978				
		TH64A010				
		TH64A117				
		TH66A798				
		TH66A806				
		TH66A837				
		TH66A913				
		TH66A915				
		TH66A943				
		TH67A920				
		TH67A930				
		TH67A946				
		TH67A976				
		TH68A010				
		TH68A879				
		TH68A921				
		TH68A950				
		TH68A954				
		TH68A970				
		TH68A983				
		TH68A985				
		TH69A007				
		TH69A026				
		TH69A052				
		TH72A223				
		TH72A233				
		TH72A256				
		TH72A272				
		TH72A297				
		TH72A316				
		TH72A405				
		TH72A418				
		TH72A437				
		TH73A132				
		TH73A156				

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3124135-01	CASE-GAS GENERATOR,ASSY OF BEARING-ROLLER,.9451X1.6452X.4699 DATA COLLECTION UNIT ASSY NOZZLE-FUEL DUPLEX,ASSY OF	TH73A219				62139-03
3126966-01		TH73A226				
3127069-02		TH73A568				
3127457-01		TH73A636				
		TH75A284				
		TH75A529				
		RWA80F193				
		FCN519656				
		19075875				
		WWD021632				
		WWD021690				
		WWD021713				
		WWD021716				
		WWD021744				
	WWD021748					
	WWD021757					
	WWD021929					
	WWD021930					
	WWD021932					
3127458-01	NOZZLE-FUEL SIMPLEX,ASSY OF	WWD025740				
		WWD025758				
		WWD025766				
3127459-01	NOZZLE-FUEL INLET,ASSY OF	WWD024788				
3134017-01		EFA00011				
3134564	BLADE-POWER TURBINE(MACHINING)	A004MFRM	19010			
		A004MH2Y	19010			
		A004MH32	19010			
		A004MH3E	19010			
		A004MH3H	19010			
		A004MH40	19010			
		A004MH41	19010			
		A004MH43	19010			
		A004MH48	19010			
		A004MH49	19010			
		A004MH4E	19010			
		A004MH4M	19010			
	A004MH4N	19010				
	A004MH4R	19010				

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

Page 9

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
		A004MH50	19010			
		A004MH5K	19010			
		A004MH5L	19010			
		A004MH5X	19010			
		A004MH66	19010			
		A004MH6C	19010			
		A004MH6F	19010			
		A004MH6R	19010			
		A004MH7A	19010			
		A004MH7B	19010			
		A004MH7C	19010			
		A004MH7D	19010			
		A004MH7E	19010			
		A004MH83	19010			
		A004MH87	19010			
		A004MH8B	19010			
		A004MH8E	19010			
		A004MH8H	19010			
		A004MH8L	19010			
		A004MH8N	19010			
		A004MH8R	19010			
		A004MH9P	19001			
		A004MH9R	19001			
		A004MH9W	19001			
		A004MH9Y	19001			
		A004MHA8	19001			
		A004MHAD	19001			
		A004MHAE	19001			
		A004MHAH	19001			
		A004MHAP	19001			
		A004MHAW	19001			
		A004MHB2	19001			
		A004MHB7	19001			
		A004MHBM	19001			
		A004MHBW	19001			
		A004MHBY	19001			
		A004MHC6	19001			
		A004MHD1	19001			

Cont'd

Liste des composants moteur à numéros de série Engine Serialized Component Summary



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A1
450-677-9411

P&WC JR3-6830-E (2012-10)

Modèle Model		N° de série Serial No.		Caract. de montage Build Spec NO.		
PW127M		PCE-ED1979		BS1237		
N° du matériel Material Number	Désignation du matériel Material Name	N° de série Serial No.	Code de trait. thermique Heat Code	N° de série du matériel forgé Forging Serial No.	N° de lot pour trait. thermique Heat Treat Batch No.	N° de matériel du fournisseur Vendor Material No.
3135670	GEAR-HELICAL,1ST STG REDUCTION,108T	A004MHDC	19001			
		A004MHDK	19001			
		A004MHDL	19001			
		A004MHE9	19001			
		A004MHEC	19001			
		A004MHEW	19001			
		A004MHEY	19001			
		A004MHF2	19001			
		A004MHFH	19001			
		A004MHFK	19001			
		A004MHHC	19001			
		A004MHHH	19001			
		A004MHHP	19001			
		A004MHHT	19001			
		A004MHHW	19001			
		A004MHX	19001			
		A004MHK1	19001			
3135719	AUTOFEATHER CONTROL	A004MHK3	19001			
		A004MHK5	19001			
		A004MHK5	19001			
		RWA83F895				
		RWA84F137				
		AFC19AFU0099				119500-01A2-1002

Approuvé par
Approved By PW38663 Eric Forcier

Date 2019.12.23

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-ED1979

ENGINE MODEL PW127M

BUILD SPEC 1237

SERVICE BULLETINS

21270	21681	21758	21761	21764	21765	21775	21777	21778
21781	21782	21783	21784	21785	21788	21791	21794	21796
21797	21803	21808	21809	21810	21811	21814	21816	21820
21821	21822	21824	21827	21831	21839	21841	21845	21848
21852	21854	21857	21860	21861	21864	21865	21866	21870
21873	21876	21878	21879	21880	21884	21887	21890	21891
21892	21894	21895	21897	21902	21903	21904	21905	21908
21915	21917	21918	21919	21920	21921	21923	21929	21931
21935	21936	21943	21946					

APPROVED BY: pw38663 Eric Forcier

DATE: 2019.12.23

PRATT & WHITNEY CANADA , LONGUEUIL
 =====
 PW127M S/N:PCE-ED1979 FINAL ACCEPTANCE TEST RECORD
 =====

23 DEC 2019 TEST CELL : 0123
 FINAL VANE FLOW CLASSES, FIRST STAGE : 7.77
 SECOND STAGE : 15.03
 THIRD STAGE : 34.56

PERFORMANCE DATA		TAKE-OFF		MAX-CRUISE	
	R.L.L.	SPEC	ACTUAL	SPEC	ACTUAL
PROP SPEED	RPM	1200.	1200.	1200.	1200
S.L.S. STD.DAY POWER	SHP	2750.	2750.	2132.	2132
TRIMMED INTERTURBINE TEMP	DEG R 1932.		1738.		1640.
CALCULATED T6	DEG R		1899.		1784.
HIGH ROTOR SPEED	RPM 34300-		32500	-	31450
LOW ROTOR SPEED	RPM 28800-		27250	-	26100
FUEL FLOW @ 18400 BTU/LB	LB/HR	1337.	1308.	1111.	1086

FUEL TYPE :CPW 204
 TEST L.H.V.: 18616. BTU/LB.
 S.G. :.802 @ 61.DEG F

OIL TYPE :PWA 521 TYPE II
 T.O. DELTA OIL PRESSURE : 62. PSI

OIL TEMPERATURE : 184. DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED):105 DEG F 58 DEG C

TRIM RESISTANCE : 91.10 OHMS

COLD HARNESS RESISTANCE : 10.57 OHMS

HBOV ORIFICE SIZE : 0.042 INCHES

AFU TRIM BGCL : 3030

EEC TRIM GAIN (R4) Q2G : 7320.
 EEC TRIM BIAS (R3) Q2B : 3610.

=====

ENGINE DRY WEIGHT :1075.30 LBS

CERTIFIED TEST OPERATOR :pw43896 Benoit Chagnon

THE UNDERSIGNED CERTIFIES THAT THIS RECORD ACCURATELY SETS FORTH
 HEREIN THE EVENTS DURING THE TEST MADE ON THE ENGINE IDENTIFIED.

AUTHORIZED INSPECTOR :

APPROVED BY : pw38663 Eric Forcier	DATE : 12/23/2019
------------------------------------	-------------------