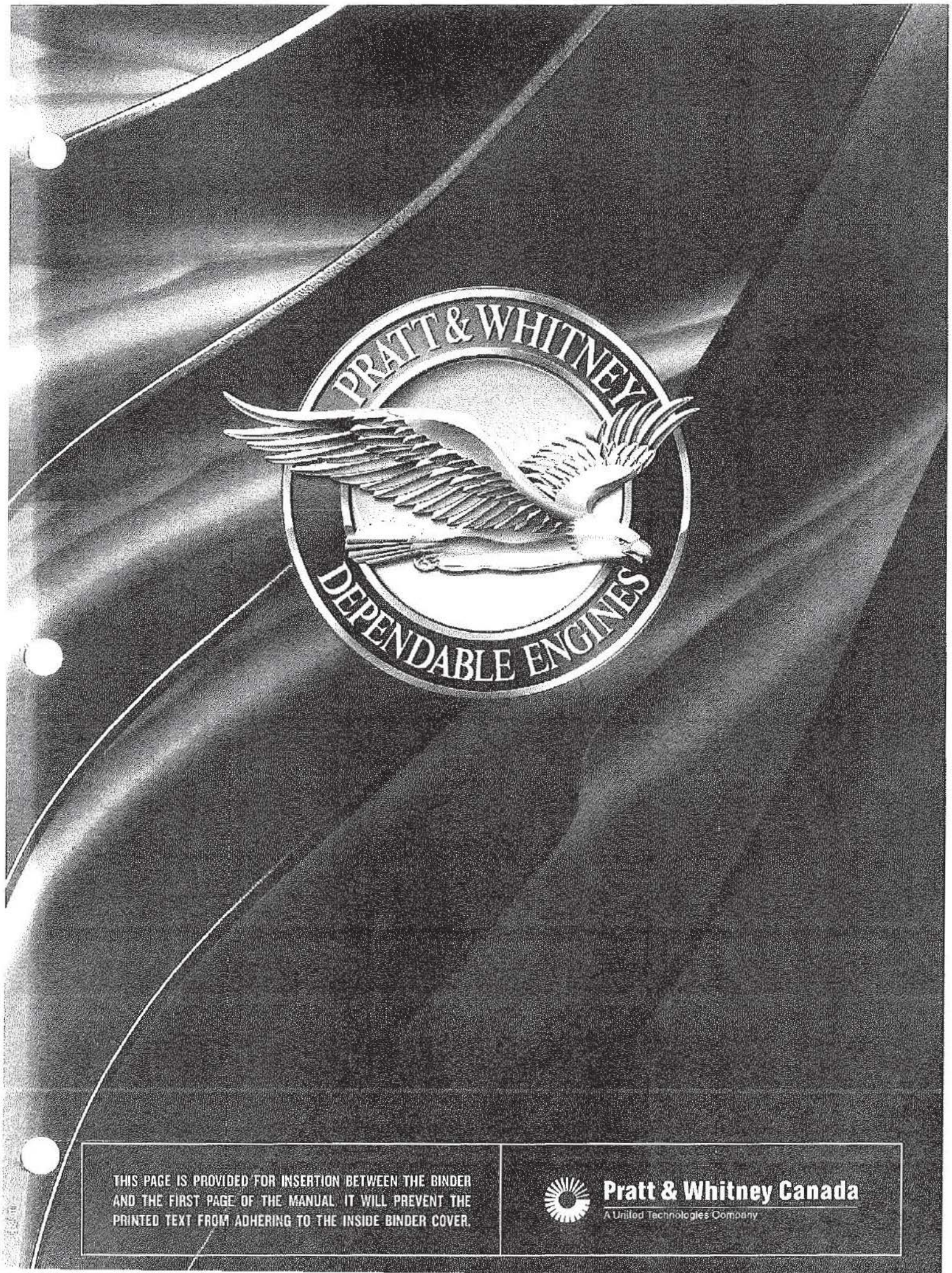

THIS PAGE IS PROVIDED FOR INSERTION BETWEEN THE BINDER AND THE FIRST PAGE OF THE MANUAL. IT WILL PREVENT THE PRINTED TEXT FROM ADHERING TO THE INSIDE BINDER COVER.

Pratt & Whitney Canada
A United Technologies Company

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country	2. BON DE SORTIE AUTORISEE - 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	5. Bon de travail/Contrat/Facture – Work Order/Contract/Invoice
Pratt & Whitney Canada Une societe de United Technologies/A United Technologies Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 4045 – 26 AVE. North Lethbridge, Alberta. Canada T1H 6G2	4001521016

6. Article - Item	7. Description	8. Numéro de pièce - Part Number	9. Qtée. – Qty.	10. Numéro de série/de lot - Serial/Batch Number	11. Situation/Travail - Status/Work
1	PT6A-66D TURBOPROP GAS TURBINE ENGINE	3071016-01 - BS1354	1	PCE-RV0737 Includes PS-RV0737	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-21, TO ITS UNITED STATES TYPE DESIGN APPROVED UNDER THE UNITED STATES FEDERAL AVIATION ADMINISTRATION (TYPE CERTIFICATE NUMBER E26NE, REVISION LEVEL 18, DATED 11 MAY 2021), TO ITS EASA APPROVED TYPE CERTIFICATE NUMBER IM.E.008 AND TO ITS ANAC BRAZILIAN TYPE CERTIFICATE NUMBER 9410. 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:

☒ des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité.

☐ des données de conception non approuvées indiquées à la case 12.
non approved design data specified in block 12.

14a.

☐ RAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance

☐ Autre réglementation précisée à la case 12. - Other regulations specified in block

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	14c. Numéro de l'organisme agréé Approved Organization Number
T.C. 4-58 NO. 003 Geo Gertridge	4-58	S/O – N/A	S/O – N/A
13d. Nom - Name	**13e. Date (jj/mmm/aaaa – dd/mmm/yyyy)**	**14d. Nom - Name**	**14e. Date (jj/mmm/aaaa – dd/mmm/yyyy)**
G. GERTRIDGE	23 JUN 2021	S/O – N/A	S/O – N/A

*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 reconnait 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.

Index of Engine Documentation

Engine Number: PCE- RV0737

Document Name	Quantity of Documents And when applicable only (Quantity of set) X (Quantity per set)		Export Classification
Final Acceptance Test Record	1		P-ECCN-9E991
Engine Serialized Parts Summary	1 x 5		No Technical data
Life Limited Mat. History Record	9		No Technical data
Engine Airworthiness Directives	1		No Technical data
Engine Build Record Status	1		No Technical data
Engine Yellow Logbook	2	*	P-ECCN-9E991
Authorized Released Certificate	1		No Technical data

Note: This index reflects the quantity of Shipping Documentation supplied with the engine, and must be included with the release package.

* The subject engine logbook and the included entries comply to P-ECCN-9E991 on the date of issue.

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.50

PT6A-66D S/N:PCE-RV0737 FINAL ACCEPTANCE TEST RECORD

2021 JUN 22 TEST CELL : 3201 BUILD SPEC.: 1354

ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 744

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S9 7.23

SECOND STAGE : 01466 5S1 22.83

PERFORMANCE DATA		PERF.ACCEPTANCE SPEC	PERF.ACCEPTANCE ACTUAL	AIRFRAME LIMIT SPEC	AIRFRAME LIMIT ACTUAL
PROP SPEED		2000.	2000.		2000.
S.L.S. STD.DAY POWER		950.	950.		700.
I.T.T. (T5A TRIMMED)	DEG R	1691.	1681.		1614.
T5D (DERIVED)	DEG R	1750.	1740.		1665.
GAS GEN. SPEED	RPM	35050	34750.		33950.
SFC @ 18400 BTU/LB	LB/SHP.HR	0.643	0.638		0.731
PRESSURE RATIO @ 34800	RPM	8.35	8.30		

FUEL TYPE : CPW 204

TEST LHV : 18505. BTU/LB

S.G. :0.807 @ 91. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.0 LB/HR

T.O. OIL PRESSURE : 116.5 PSI

OIL TEMPERATURE : 150.2 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 71.6 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 39.8 DEG C

I.T.T. TRIM CLASS : 11

TRIM RESISTANCE : 26.4 OHMS

COLD HARNESS RESISTANCE : 1.53 OHMS

BOV SEAT CLASS AS SHIPPED : 16

B.O.V. SEAT CLASS AS TESTED : 13

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM

UNTRIMMED MAX NG : 39000 RPM

DATA PLATE SPEED : 34450. RPM

IDLE SPEED : 21229 RPM

ACCEL. TIME F.I. TO MAX @ T1 : 3.00 SECS @ 86 DEGF

ENGINE DRY WEIGHT : 457.1 LBS.

PRODUCTION SIGNATURE : B. BRAUER 9 0AC7 8

INSPECTION SIGNATURE : L. AUSTIN 2 1AC5 7

GOVERNMENT INSPECTOR : _____

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

DATE 23 JUN 2021 FOREMAN,ASSY.&TEST INSP : G. GERTRIDGE T.C. 4-58 NO. 003

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.
PT6A-66D	PCE-RV0737	BS1354

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.
3008012	GEAR-PLANET,SECOND STAGE REDUCTION	PKAAA921184				
		PKAAA921185				
		PKAAA921190				
		PKAAA922653				
		PKAAA922663				
3012286	COUPLING SHAFT FLEX 2ND STAGE RED'N	PKAAA920252				
3023250	GEAR-SUN,2STG RDCN,46 TEETH	PKAAA919199				
3023252	ADAPTER-SPLINED,FIRST STAGE CARRIER	PKAAA919055				
3023670	FLOW DIVIDER AND DUMP VALVE	M1467				
3027977	CARRIER-SECOND STAGE REDUCTION	PKAAA917767				
3028007	BEARING-ROLLER FLANGED	BB0347324				
3028683	GEAR-RING,SECOND STAGE REDUCTION	PKAAA922373				
3029022	HOUSING ASSY-PROP RED GBOX,FRONT	RWA15H293				
3035889	EXCITER-IGNITION	NNA21160144				
3036898	IMPELLER-CENTRIFUGAL	FRAEUABD98	EUABD	98		
3037312	DISC TURBINE	A004Y86X	LATAJ	0253		
3037313	DISC-TURBINE, POWER	YUAB001T116	LATCH	9715		
3040760	PUMP-FUEL	018193				
3040931CL07	COMPRESSOR-TURBINE STATOR,ASSY OF	PDANHRRF01				
3040933	ROTOR, COMPRESSOR	FRAEUACA34	EUACA	34		
3040942	ROTOR-COMPRESSOR	FRAEUACA72	EUACA	72		
3040944	ROTOR-COMPRESSOR	EAAF000C595	EUAAH	108		
3040982CL01	VANE RING-POWER TURBINE	BHAMLPDN01				
3042701	ROTOR-COMPRESSOR	MCAKAXXP214	KAXXP	214		
3043063	SHAFT-STUB,COMPRESSOR ROTOR	PKAAA924393	EUAAW	227		
3043705-01	HOUSING-POWER TURBINE STATOR	SGA0119971	SXDPH			
3043825-01	WIRING HARNESS-THERMOCOUPLE	NRA108985				
3043919-01	DUCT-TURBINE EXHAUST,ASYO	RWA18H477				
3048695-01	SHAFT-PROPELLER	EAAF000C763	P4AWA			
3053740-01	DISC-TURBINE, COMPRESSOR	YUAB001T142	EPYUM	61		
3055726-01	TORQUE-LIMITER	F14972				
3056693-01	BLADE-POWER TURBINE(MACHINING)	TH23C424				
		TH23C425				
		TH24C440				
		TH24C448				
		TH24C451				
		TH24C474				
		TH27C457				

Cont'd

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450-677-9411

P&WC JR3-6530-E (2012-10)

Modèle / Model	PT6A-66D	N° de série / Serial No.	PCE-RV0737	Caract. de montage / Build Spec NO.	BS1354

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.
		TH27C467				
		TH27C475				
		TH27C484				
		TH27C492				
		TH30C150				
		TH30C155				
		TH30C175				
		TH30C176				
		TH30C177				
		TH30C180				
		TH30C181				
		TH30C182				
		TH30C185				
		TH30C188				
		TH30C190				
		TH30C194				
		TH30C195				
		TH30C212				
		TH30C218				
		TH30C273				
		TH30C274				
		TH30C281				
		TH30C283				
		TH30C294				
		TH30C297				
		TH30C298				
		TH30C305				
		TH30C306				
		TH30C308				
		TH30C310				
		TH30C314				
		TH30C315				
		TH30C316				
		TH30C324				
		TH30C325				
		TH30C346				
3059835-01	VALVE-COMPRESSOR BLEED, ASSY	AHX1002011				
3059924-01	GEAR-PLANET,1ST STAGE REDUCTION	PKAAA926661				

Cont'd

.iste des .omposants moteur à numéros de série
:ngine Serialized Component Summary

Pratt & Whitney Canada
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Pratt & Whitney Canada Corp.
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P&WC JR3-6830-E (2012-10)

Modèle / Model	PT6A-66D	N° de série / Serial No.	PCE-RV0737	Caract. de montage / Build Spec NO.	BS1354

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.
		PKAAA926662				
		PKAAA926664				
3059927-01	GEAR RING,FIRST STAGE REDUCTION	PKAAA921649				
3059928-01	GEAR-SUN,FIRST STAGE RCDN,ASSY OF	PKAAA917462				
3070217-01	GEARSHAFT-STARTER GENERATOR DRIVE	PKAAA919407				
3070673-01	HOUSING-POWER TURBINE SHAFT,ASSY OF	LPA000028926				
3072721-01	BEARING-BALL,2.9528X5.1181X.9843	BB0321675				
3073900-01	BEARING-RLR,FLG 1.5748X2.6772X.5906	AEB0348403				
		AEB0348451				
3073908-01	BEARING-RLR,FLG,.9451X1.665X.4699	AEB0348337				
		AEB0348339				
		AEB0348342				
		AEB0348374				
		AEB0348375				
		AEB0348376				
		AEB0348378				
		AEB0348381				
3074158-01	GOVERNOR-PROPELLER	22579382				
3078250-01	SHAFT ASSY-PROPELLER	EAAF000C763	P4AWA			
3078313-01	SHAFT & SLEEVE SET-PROPELLER	EAAF000C763	P4AWA			
3078643CL01	VANE RING-TURBINE	PDANH24K01				
3101419-01	CARRIER-FIRST STAGE REDUCTION	PKAAA922402				
3107525-01	COUPLING-POWER,TURBINE	PKAAA923366	EPWUE			
3109239-01	BUS BAR-NEGATIVE TERMINAL,T5	NR16263				
3109240-01	BUS BAR-POSITIVE TERMINAL,T5	NR16643				
3109251-01	SHAFT-POWER,TURBINE	RWA14H896	P4AYD			
3112368-01	BEARING-RLR,FLG,.9453 X1.6535 X.4724	FAA2103684				
		FAA2103689				
		FAA2103693				
		FAA2104081				
3112612-01	COUPLING-COMPRESSOR,REAR HUB	PKAAA919881				
3112696-03	BEARING BALL,1.181X2.8345X.743,FLG	FCN548245				
3113589-01	BEARING-BALL,1.450X3.600X1.000	FAA2104885				
3113744-01	COUPLING-POWER TURBINE SHAFT	PKAAA921846				
3116790-01	LINER-COMB CHMBR INNER,ASYO	RWA17H556				
3118911-01	BLADE-TURBINE, 1ST STAGE	PM870D0				
		PM870D4				
		PM870D7				

Cont'd

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

Modèle / Model	PT6A-66D	N° de série / Serial No.	PCE-RV0737	Caract. de montage / Build Spec NO.	BS1354

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.
		PM870E1				
		PM870E7				
		PM870M8				
		PM870U4				
		PM870X9				
		PM870Y7				
		PM871H8				
		PM871K5				
		PM871K9				
		PM871L0				
		PM871U9				
		PM872A1				
		PM872B6				
		PM872C5				
		PM872E8				
		PM872K3				
		PM872K4				
		PM872N5				
		PM872P1				
		PM872W3				
		PM872Y3				
		PM873B2				
		PM873B5				
		PM873D0				
		PM873F2				
		PM873K2				
		PM873K5				
		PM873M1				
		PM873M4				
		PM873N0				
		PM873P3				
		PM873U3				
		PM873U7				
		PM873X0				
		PM873Y1				
		PM874A0				
		PM874A2				
		PM874B7				

Cont'd

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Engine Serialized Component Summary

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

Modèle / Model	PT6A-66D	N° de série / Serial No.	PCE-RV0737	Caract. de montage / Build Spec NO.	BS1354

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.
		PM874C7				
		PM874D6				
3120023-10	FUEL CONTROL-TURBOPROP	22609815				
3120663-01	SHAFT-STUB,COMPRESSOR ROTOR	RWA16H181	EPYCK			
3123229-01	CASE-GAS GENERATOR, ASSY OF	RWA17H673				
3124177-01	HEATER-OIL TO FUEL	WA62889				
3127354-01	LINER-COMB CHMBR,OUTER,ASSY OF	FTA354A0237				

Approuvé par / Approved By: G. GERTRIDGE T.C. 4-58 NO. 003

Date: 2021.06.23

J 2021-06-23 08:36:44 R3 2021-06-23 08:36:44 PR1 400 BP35820 /opt/unio/queue/terrain0905092537B

Fin du document - End-of-document

istorique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

VC JR3-6834-E [6834] (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)
IMPELLER-CENTRIFUGAL		EUABD	2021.06.23

° du matériel aterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3036898	FRAEUABD98	98	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & Inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

storique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

VC JR3-6834-E [6834] (2012-10)

ésignation du matériel / aterial Name		Code de traitement thermique / Heat Code	Emis le (A-M-J) / Issue Date (Y-M-D)
DISC TURBINE		LATAJ	2021.06.23

° du matériel / aterial No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3037312	A004Y86X	0253	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis installation du matériel / Engine/Module TSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps de fonctionnement depuis l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation		Cumul. jusqu'à présent / Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) / Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
ife Limited Material History Record

lumero du dessin ST3582-01 - Drawing Number ST3582-01

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

WC JR3-6834-E [6834] (2012-10)

Désignation du matériel / Material Name	Code de traitement thermique / Heat Code	Emis le (A-M-J) / Issue Date (Y-M-D)
DISC-TURBINE, POWER	LATCH	2021.06.23

N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3037313	YUAB001T116	9715	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

VC JR3-6834-E [6834] (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)
ROTOR, COMPRESSOR		EUACA	2021.06.23

° du matériel aterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3040933	FRAEUACA34	34	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis 'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
ife Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

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

WC JR3-6834-E [6834] (2012-10)

Désignation du matériel / Material Name		Code de traitement thermique / Heat Code	Emis le (A-M-J) / Issue Date (Y-M-D)
ROTOR-COMPRESSOR		EUACA	2021.06.23
N° du matériel / Material No.	N° de série du matériel / Material Serial No.	N° de série du mat'l. forgé / Forging Mat'l. Serial No.	Temps depuis neuf / Time Since New	Cycles depuis neuf / Cycles Since New
3040942	FRAEUACA72	72	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel / Engine/Module TSN When Material Installed	N° de série du moteur / module / Engine / Module Serial No.	Modèle / Model	Temps de fonctionnement depuis l'enlèvement du matériel / Eng / Module TSN When Material Removed	Cumul. de cette installation / Accumulated This Installation		Cumul. jusqu'à présent / Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) / Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
ife Limited Material History Record

luméro du dessin ST3582-01 - Drawing Number ST3582-01

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

WC JR3-6834-E [6834] (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)
ROTOR-COMPRESSOR		EUAAH	2021.06.23

° du matériel laterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3040944	EAAF000C595	108	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de fonctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

NC JR3-6834-E [6834] (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)
ROTOR-COMPRESSOR		KAXXP	2021.06.23

° du matériel laterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3042701	MCAKAXXP214	214	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

VC JR3-6834-E (6834) (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)	
SHAFT-STUB,COMPRESSOR ROTOR		EUAAW	2021.06.23	
° du matériel laterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3043063	PKAAA924393	227	0	0

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis l'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

istorique du matériel à durée de vie limitée
fe Limited Material History Record

uméro du dessin ST3582-01 - Drawing Number ST3582-01

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

WC JR3-6834-E [5834] (2012-10)

ésignation du matériel aterial Name		Code de traitement thermique Heat Code	Emis le (A-M-J) Issue Date (Y-M-D)
DISC-TURBINE, COMPRESSOR		EPYUM	2021.06.23

° du matériel aterial No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New
3053740-01	YUAB001T142	61	0	0

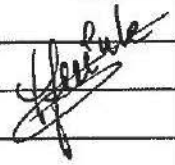
Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Données sur le moteur / module - Engine / Module Data				Données sur le matériel - Material Data					
Temps de onctionnement depuis 'installation du matériel Engine/Module TSN When Material Installed	N° de série du moteur / module Engine / Module Serial No.	Modèle Model	Temps de fonctionnement depuis l'enlèvement du matériel Eng / Module TSN When Material Removed	Cumul. de cette installation Accumulated This Installation		Cumul. jusqu'à présent Total Accumulated To Date		Date (A-M-J) (Y-M-D)	Observations (Installation d'entretien, de révision, Bulletin de vente et timbre du vérificateur) Remarks (Maintenance/Overhaul, Facility, Sales Order & inspection stamp)
				Temps - Time	Cycles	Temps - Time	Cycles		
0	PCE -RV0737	PT6A-66D							

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
23 JUN 2021	0.0	N/A	0	**New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.**
23 AUG 2021	1H40	0.0	1	Vols d'essai constructeur
25 AUG 2021	3H20	0.0	2	"
03 SEP 2021	4H10	0.0	3	"
	Arrêté présent livret à la Cie DAHER le 03/09/21 au total de		4H10	
	Visa du Département Qualité			



	Signature	AME ACA/AMO SCA/AMO
This Gas Generator module is combined with Power Section. **S/N: PS-**RV0737 **NG/√Θ** 34450 **RPM, at** 850 **SHP/δ√Θ** **ITT Trim:** 39.8 **C°** **T5 Trim resistance:** 26.4 **Ohms**	**G. GERTRIDGE** 864 Greg Gertridge	T.C. 4-58 NO. 003

Cie DAHER - DEPARTEMENT QUALITE
VERIFICATION et ENTRETIEN STOCKAGE

DAHER
COMPAGNIE DAHER
Agrément de Production
FR - 21G - 0018

Section 2: Record of engine installations

Installation						Removal		
Aircraft registration	Date installed --/--/--	Position	Engine time since new[2]	Engine time since overhaul[2]	Aircraft time at installation	Date removed --/--/--	Aircraft time at removal	Engine hours this installation[2]
N910HH	19/7/2021	FRONT	0.0	0.0	0.0			

[2] Where engine time is requested, enter the engine time and/or engine cycles, as applicable.

Section 3: Records of engine component installations

Date installed --/--/--	Engine time since overhaul	Total cycles	Component description	Type/Model/Series/ Part Number
23 JUN 2021	N/A	O	**Refer to life limited component cards and serialized components list included with the shipping package.**	

Serial Number	Position	Date removed --/--/--	Reason for removal	Entered by (print)
				T.C. 4-58 NO. 003
				G. GERTRIDGE
			864	Greg Gertridge

Engine Airworthiness Directives

2371 (2017-06)

Pratt & Whitney Canada
A United Technologies Company

Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Quebec
Canada J4G 1A1

Engine S/N	PCE-RV0737

Reference	A.D.'s	Sign	Lic. # or Stamp	Date
	No Applicable TCCA or Importing Authority Airworthiness Directives.	G. GERTRIDGE Greg Gertridge	T.C. 4-58 NO . 003	23 JUN 2021

Section 4: Record of engine applicable airworthiness directives, airworthiness limitations and equivalent mandatory requirements

Reference (e.g. AD #)	Effective date --/--/--	Compliance threshold	Compliance interval	Description of requirements
				This section includes an Engine Airworthiness Directives Record pa[illegible] - P&WC Form 2371 to record relat[illegible] airworthiness directives.

	Entered by (print)
	T.C. 4-58 NO. 003
	G. GERTRIDGE
864	Greg Gertridge

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-RV0737

ENGINE MODEL PT6A-66D

BUILD SPEC 1354

SERVICE BULLETINS

14293	14363	14377	14380	14386	14389	14390	14392	14393
14394	14395	14396	14398	14399	14405	14406	14407	14408
14411	14413	14416	14428	14438	14450	14451	14469	14479
14481	14489	14500	14506	14509	14512	14513	14516	14524
14528	14532	14534	14535	14546	14547	14553		

G. GERTRIDGE T.C. 4-58 NO. 003

APPROVED BY: Doug Gertridge

DATE: 2021.06.23

[redacted]

Section 5: Record of engine major modifications and repairs, and supplemental Instructions for Continued Airworthiness (ICA)

Date embodied --/--/--	STC/RDA/PDA	Description of changes	ICA (Y/N)
23 JUN 2021		**For the list of SBs incorporated at manufacture, see attached Engine Build Record Status Report sheet.**	

Sched. change (Y/N)	Description of changes to ICA and reference to applicable documents	Entered by (print)
		T.C. 4-58 NO. 003
		G. GERTRIDGE
		864

Airframe Columbia *Air Services, Inc.* Page 1 of 1

A/C REG: *N117MV* **LOG BOOK ENTRY** A/C S/N: 1388

DATE: 2/28/24	A/C TOTAL TIME: 483.7	HOUR METER: 483.7
W/O NO: MWO-24-7412	ENGINE TOTAL TIME 483.7	S.M.O.H.

1. Complied with **Emergency AD 2024-04-51**, Second-stage power turbine (PT2) blade failures by confirming no affected PT2 blades listed in Table 1 of **Pratt and Whitney Alert SB No. A14574R1** are installed. All work performed in accordance with Emergency AD 2024-04-51, Transport Canada CF-2024-05 and Pratt and Whitney Alert SB No. A14574R1. No further action required.

----------END----------

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
W/O# MWO-24-7412 DATE: 2/28/24 SIGNED:
FOR Columbia *Air Services, Inc.* FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Engine Columbia *Air Services, Inc.* Page 1 of 1

A/C REG: *N117MV* **LOG BOOK ENTRY** A/C S/N: 1388

DATE: 2/28/24	A/C TOTAL TIME: 483.7	HOUR METER: 483.7
W/O NO: MWO-24-7412	ENGINE TOTAL TIME 483.7	S.M.O.H.

1. Complied with **Emergency AD 2024-04-51**, Second-stage power turbine (PT2) blade failures by confirming no affected PT2 blades listed in Table 1 of **Pratt and Whitney Alert SB No. A14574R1** are installed. All work performed in accordance with Emergency AD 2024-04-51, Transport Canada CF-2024-05 and Pratt and Whitney Alert SB No. A14574R1. No further action required.

----------END----------

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER
W/O# MWO-24-7412 DATE: 2/28/24 SIGNED:
FOR Columbia *Air Services, Inc.* FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Engine | **Columbia Air Services, Inc.** | Page 1 of 2

LOG BOOK ENTRY

A/C REG: *N117MV* A/C S/N: 1388

DATE: 6/26/24	A/C TOTAL TIME: 523.2	HOUR METER: 523.2
W/O NO: MWO-24-7540	ENGINE TOTAL TIME 523.2	S.M.O.H.

1. Complied with an A+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 850/900/910 M.M. chapters 05-20-02 and 05-20-05 as a guide. Researched AD's through Bi-Weekly 2024-13.
2. Complied with the following special checks:
   - 200 hour compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
   - 1 year fuel pump outlet filter condition and cleanliness. Removed and replaced filter with new, P/N: 3059779-01.
   - 1000 hour oil filter replacement.
   - 600 hour/1 year chip detectors condition and operation.
3. Complied with Columbia Air Services, Inc. recommended 200 hour spark igniter inspection. Found to be satisfactory.
4. Complied with minor, routine and 200 hour inspection items in accordance with P&WC PT6A-66D M.M P/N: 3070902 chapter 72-00-00 Table 601.
5. **AD 2024-04-51** amend. 39-22694 dated 3/28/24, Second-stage power turbine (PT2) blade failures, was found in compliance by previous compliance with **Emergency AD 2024-04-51** on 2/28/24 @ 483.7 ACTT. No action required.
6. **P&WC Alert SB No. A14575,** Inspection/replacement of single-engine application first-stage blades, does not apply. Engine has not been repaired or overhauled between June 1, 2023 and June 13, 2024. No actin required.

----------CONTINUED----------

Engine Cont'd Page 2 of 2

LOG BOOK ENTRY (CONT.)

WO NO.
MWO-24-7540

7. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05, found to be satisfactory.
8. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
9. Obtained oil sample and oil filter rinse patch for analysis.
10. Cleaned and treated minor corrosion on engine surfaced and components in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 70-00-00.
11. Removed and replaced beta feedback carbon block and yoke assembly with new, P/N: A-3044.
12. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

----------END----------

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-24-7540
I certify that this Engine has been inspected in accordance with an A+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 850/900/910 M.M. chapters 05-20-02 and 05-20-05 as a guide and determined to be in airworthy condition. Pertinent details of the inspection are on file at this facility.
Date: 6/26/24 A/C Total Time: 523.2

Signature:
Title: Inspector

Airframe Columbia Air Services, Inc. Page 1 of 1

LOG BOOK ENTRY

A/C REG: *N117MV* A/C S/N: 1388

DATE: 9/10/24	A/C TOTAL TIME: 546.7	HOUR METER: 546.7
W/O NO: MWO-24-7637	ENGINE TOTAL TIME 546.7	S.M.O.H.

1. Removed and replaced B10 flap motor with a repaired unit, P/N: 6157-1 S/N: 755. Ref. Safran Electronics & Defense, Avionics USA, LLA (Grand Prairie, TX) W/O# MRO-24-0095. Operational check satisfactory. Work performed in accordance with Daher TBM 850/900/910 M.M. chapter 27-50-01. (S/N removed: 1373)

----------END----------

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-24-7637 DATE: 9/10/24 SIGNED:

FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N117MV

A/C S/N: 1388

DATE: 9/25/24	A/C TOTAL TIME: 546.7	HOUR METER: 546.7
W/O NO: MWO-24-7651	ENGINE TOTAL TIME 546.7	S.M.O.H.

1. Found ITT exceedance of 904°C for 11 seconds on 12/29/23. Performed Area "A" inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00 Figure 501. Found to be satisfactory. No further action required.

----------END----------

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-24-7651 DATE: 9/25/24 SIGNED:

FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N117MV

A/C S/N: 1388

DATE: 12/17/24	A/C TOTAL TIME: 570.1	HOUR METER: 570.1
W/O NO: MWO-24-7700	ENGINE TOTAL TIME 570.1	S.M.O.H.

1. Performed borescope inspection of first stage compressor. Blended leading edge erosion on compressor blades as required.
2. Performed borescope inspection of hot section in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00. Found to be satisfactory.
3. Performed detailed inspection of compressor inlet case. Found to be satisfactory.
4. Performed an compressor desalination wash in accordance with P&WC PT6A-66D M.M. P/N: 30709020 chapter 71-00-00.

----------END----------

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER

W/O# MWO-24-7712 DATE: 12/17/24 SIGNED:

FOR Columbia Air Services, Inc. FAA CERTIFIED REPAIR STATION # SO5R204N GROTON, CT 06340

Section 1: Record of engine maintenance and elementary work

DAHER

FAA CRS # URZR891L

Daher Aircraft, Inc.
601 NE 10th Street
Pompano Beach, FL 33060

Date : 08/01/2025 | Serial Number : 1388 | Registration : N117MV | Aircraft type : TBM 700N

Meter Time: 701 Hobbs | Time Since New : 701 | Cycle Since New : Ukn | Work Order : 8563

- Engine PT6A-66D S/n: PCE-RV0737 TT: 701.0 TC: Ukn
- C/W P&WC SB A14574 and AD 2024-04-51- Affected second stage power turbine blades are not installed in this engine as determined by engine log book research and SB instructions.
- C/W P&WC SB A14575R2-Determined 8 PT 1 blades, P/n: 3122972-01 were changed on 24 June 2023. Engine split at C flange, PT 1 stator removed and reinstalled by southeast turbine Under work order: Dated: IAW P&WC SB A14575R2 instructions. No affected PT 1 blade heat codes were noted during this inspection. Heat codes are as follows: 19040,19042, 20004, 22022 and 22025. Reassembled engine IAW P&WC EMM, Chapter 71-00-00, 72-50-04 and 72-50-03.
- Performed a standard program C+ inspection IAW TBM Maintenance Manual, Chapters 05-20-04, 05-20-05, 14 CFR 91.409 (a)(1) and CFR part 43 Appendix D. Engine was found to be in an airworthy condition.
- Performed preliminary F.O.D. borescope inspection of engine first stage compressor blades. Reference P&WC PT6-66D Maintenance Manual, Chapter 72-30-05, no defects found.
- Performed Engine Minor Inspection. Reference P&WC PT6-66D Maintenance Manual, Chapter 72-00-00 and 72-10-00. No defects noted at this time.
- Performed ultrasonic cleaning P3 filter. Cleaned/Inspected P3 filter drain valve housing assy and P3 filter bowl. Reference P&WC PT6-66D Maintenance Manual, Chapter 73-10-07. No defects noted.
- Performed engine torque limiter function check. Performed adjustment of the torque limiter within acceptable limits. Reference TBM Maintenance Manual, Chapter 71-00-00 and P&WC PT6-66D Maintenance Manual, Chapter 73-10-09 with no discrepancies being noted.
- Performed AGB internal scavenge screen inspection. Reference P&WC PT6-66D Maintenance Manual, Chapter 72-60-00. No defects noted. Ground run leak test of system OK.
- Performed operational check of Chip Detectors. Reference P&WC PT6-66D Maintenance Manual, Chapter 72-10-00 with no discrepancies being noted.
- Inspected exciter and ignition system for cleanliness, proper cable routing, installation and condition. Removed and replaced right igniter plug P/n: 6069607224 with new. Reference P&WC PT6-66D Maintenance Manual, Chapter 74-10-00, and 74-20-00. No further defects noted.
- C/W 400 hrs. Removed and shipped fuel inlet nozzle, P/n: 3119856-01, S/n: 02-05 and 13 fuel duplex nozzles, P/n: 3119855-01 and one duplex nozzle P/n: 3119855-01 to outside vendor for inspection and flow test. Work performed by SouthEast Turbines CRS E7BR231O Under W.O. TS10204, Dated: 24 July 2025. Received and re-installed fuel nozzles with new pre-formed packings and gaskets P/n: 3209-009 and MS19371-16. Reference P&WC PT6-66D Maintenance Manual, Chapter 73-11-05.
- In conjunction with fuel nozzles removal, performed a 400 hrs. borescope inspection of hot section with no defects being noted.
- Performed compressor, turbine recovery wash. Reference P&WC PT6-66D Maintenance Manual, Chapter 71-00-00.
- Removed and replaced 7ea. corroded fasteners, P/n: 3012675 at lower side of the "F" flange on gas generator case. All work performed IAW P&WC EMM, Chapter 72-00-00.
- C/W P&WC SIL PT6A-213 Inspected engine compressor inlet case for corrosion, no defect noted at this inspection. Applied an approved corrosion inhibitor compound "Corrosion X" on inlet case area as required IAW P&WC PT6-66D Maintenance Manual, Chapter 72-00-00 as specified in P&WC Service Information Letter No. PT6A-213.
- Performed engine run to determine satisfactory performance IAW the manufacturer's recommendations and leak checked, found satisfactory and no leak noted.

The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O.# 8563,
Date : 08/01/2025 Signature: _____ Darren SEAGO
CRS # URZR891L

I certify that this Engine has been inspected/repaired in accordance with "C +" inspection per Socata MM & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O # 8563 and copy given to customer.
Aircraft T.T : 701 Engine T.T : 701 Prop T.T : 701
Signature : _____ Darren SEAGO
Date : 08/01/2025 CRS # URZR891L

StandardAero

Engine Log Book Entry

2988 West Walnut Hill Lane
DFW Airport, TX 75261

1. Work Order Number:	2. Date:
00042920	21-Jan-2025

3. Aircraft Type:	4. Aircraft Registration Number:	5. Aircraft Serial Number:	6. Aircraft Total Time:
SOCATA TBM-910	N117MV	1388	575.9
7. Engine S/N:	**8. Engine Model:**	**9. Engine Position:**	**10. Aircraft Total Landings:**
PCE-RV0737	PT6A-66D	1	422
11. Engine Time Since New (TSN):	**12. Engine Cycles Since New (CSN):**	**13. Time Since Overhaul (TSO):**	**14. Cycles Since Overhaul (CSO):**
575.9	422	N/A	N/A

15. **Work Performed:** Performed a Borescope inspection of 1st stage compressor, Combustion Chamber, CT Stator assembly, CT Turbine blades and Segments and the trailing face of Power Turbine blades. All work performed with reference to PWC EMM 3070902 Rev 27.0 dated Oct 7, 2024and other data and methods acceptable to the administrator. No defects noted at this time.

This certifies that the work requested by the customer and described on the work order listed above was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is appro for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station

FAA CRS #YRRR491L

Signature_____
Jeff DeBoer for StandardAero Business Aviation Services, LLC

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, StandardAero cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) ag the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

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Meter Time: 701 Hobbs	Time Since New : 701	Cycle Since New : Ukn	Work Order : 8563

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