

PRATT & WHITNEY CANADA

PW206C S/N : PCE-BC0308 OVERHAUL TEST RECORD
DYNO BASED UNINSTALLED PERFORMANCE
P28 V02.05.07 UJUNPW206PRODV4

2 MAY 2021

BUILD SPEC.: 847

TESTED AS PER OH MANUAL REV (24) APPLICABLE SB : POST 28136 POST 28165
FINAL VANE FLOW CLASSES FIRST STAGE : 3.65
SECOND STAGE : 9.51

PERFORMANCE DATA

	SPEC	ACTUAL	SPEC	ACTUAL
S.L.S. STD. DAY POWER, (SHP)	310.	310.	416.	416.
TRIMMED MGT, DEG R		1626		1732
DERIVED T4.4, DEG R		1665		1765
GAS GEN SPEED, RPM		50100		52100
SFC, LB/HR SHP @ 18400 BTU/LB		0.687		0.615

PERFORMANCE DATA

	SPEC	ACTUAL	SPEC	ACTUAL
S.L.S. STD. DAY POWER, (SHP)	500.	500.	550.	550.
TRIMMED MGT, DEG R		1816		1865
DERIVED T4.4, DEG R	1871	1845		1895
GAS GEN SPEED, RPM	54339	53700		54600
SFC, LB/HR SHP @ 18400 BTU/LB		0.580	0.572	0.564
PRESSURE RATIO @ 53000 RPM	7.35	7.30		

FUEL TYPE : CPW 204 JET A-1
 FUEL LHV : 18601. BTU/LB
 S.G. : 0.795 @ 74. DEG F
 OIL TYPE : PWA 521 TYPE II
 OIL CONSUMPTION : 0.000 LB/HR
 OIL PRESSURE AT 45000 RPM : 57.0 PSI
 OIL TEMPERATURE AT 45000 RPM : 179. DEG F
 MGT TRIM BIAS : 110.0 C DEG
 T/M TRIM SLOPE : 0.946
 T/M TRIM DATUM : -0.80 %
 NG MARGIN : 1100. RPM
 EQUIVALENT MGT MARGIN : 46. C DEG

ACTUAL ENGINE DRY WEIGHT : N/A
 SPEC 241.6 LBS

THE UNDERSIGNED CERTIFIES THAT THIS IS AN ACCURATE RECORD OF THE EVENTS DURING THE TEST OF SECTION PCE-BC0308.

DATE 02 MAI 2021 TEST CELL OPERATOR :

INSPECTOR OR CERTIFIED OPERATOR :

[Signature] SC WT58
[Signature] SC WT93
 Alain Dubreuil
 PWC AMO 20-00 (A) 94

Export Classification: 9E991
 Date: MAY 03 2021 Badge # 32804

TEST ACCEPTED
 DATE MAY 03 2021

PRATT & WHITNEY CANADA
ENGINE BUILD RECORD STATUS REPORT

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-BC0308
ENGINE MODEL PW206C
BUILD SPEC 847


SERVICE BULLETINS

28069 ✓	28077 ✓	28085 ✓	28087 ✓	28088 ✓	28090 ✓	28096 ✓	28098 ✓	28099 ✓
28100 ✓	28101 ✓	28102 ✓	28104 ✓	28108 ✓	28109 ✓	28110 ✓	28114 ✓	28115 ✓
28116 ✓	28118 ✓	28120 ✓	28123 ✓	28125 ✓	28127 ✓	28128 ✓	28130 ✓	28131 ✓
28134 ✓	28135 ✓	28136 ✓	28137 ✓	28140 ✓	28142 ✓	28144 ✓	28146 ✓	28149 ✓
28150 ✓	28153 ✓	28155 ✓	28157 ✓	28158 ✓	28159 ✓	28160 ✓	28164 ✓	28165 ✓
28169 ✓	28170 ✓	28173 ✓	28174 ✓	28175 ✓	28179 ✓	28181 ✓	28187 ✓	28190 ✓
28193 ✓	28200 ✓	28208 ✓	28210 ✓	28211 ✓	28212 ✓	28215 ✓	28217 ✓	28219 ✓

ML: 28196, 28202, 28216, 28222, 28223,
28225, 28226, 28231

VERIFIED BY: S. puljic DATE: Oct 17, 2001

APPROVED BY:  DATE: Oct 17, 2001

 FC 458
NO. 013
DENIS GAUDREAU

PAGE : 1

DATE : FEB 20, 02

MODIFICATION LOG STATUS
----- 3 -----
INCORPORATED THIS VISIT

WORK ORDER : 012283
ENGINE

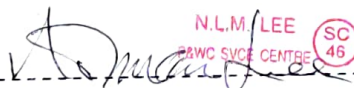
SERIAL : PCE BC0308
MODEL : PW206C

SB'S SI'S SIL'S ~~~~~	REV. ~~~~~	DESCRIPTION ~~~~~
28161	1	T6/T1 TERMINAL ASSY., SLEEVE BUSHING INSPECTION OF.
28189	1	OIL FILLER CAP - INSPECTION/MODIFICATION OF
28203	1	C.T. BLADE SHIFT & P.T. BLADE SHIFT INSPECTION
28207	1	REAR ENGINE LIFTING BRACKET - INSPECTION OF
28221	0	OIL FILLER TUBE ASSY. - REPLACEMENT OF.
28224	0	ENGINE LIFTING BRACKET - REPLACEMENT OF.

----- END OF LIST -----

I HEREBY CERTIFY THAT THE ABOVE MODIFICATIONS HAVE BEEN INCORPORATED
IN THIS ENGINE AS PER THE MANUFACTURER'S RECOMMENDATIONS.

AUTHORIZED INSPECTOR:


N.L.M. LEE (SC 45)
PW/C SVCS CENTRE

Service Centre St-Hubert
T.C. AMO Approval No. 20-00

PRATT & WHITNEY CANADA CORP.
7007 Chemin de la Savane
St-Hubert, Quebec, Canada J3Y 3X7

List of Service Bulletins Incorporated This Visit

Sales Order: 121439

Customer: P&WC Leasing Inc.

Module Name: TURBOMACHINERY MODULE

Print Date: 30-MAY-2003

Model: PW206C

Page: 001 of 001

Serial Number: BC0308

Document No.	Revision #	Class	Description
SB 28243 000	00	5	FUEL MANIFOLD BRACKET WASHER - INTRO. OF
SB 28246 000	00	5	C.T. SHROUD SEGMENT RETAINING RING - REM

I hereby certify that the above modifications have been incorporated in this
line as per the manufacturer's recommendations.

Authorized Inspector: _____

N.L.M. LEE
P&WC SERVICE CENTRE

SC
48

Service Centre St-Hubert
T.C. AMO Approval No. 20-00

Pratt & Whitney Canada Corp.
7007 Chemin de la Savane
St-Hubert, Quebec,
Canada J3Y 3X7

List of Service Bulletins Incorporated This Visit

Sales Order: 153603
Module Name: TURBOMACHINERY MODULE
Model: PW206C
Serial Number: BC0308

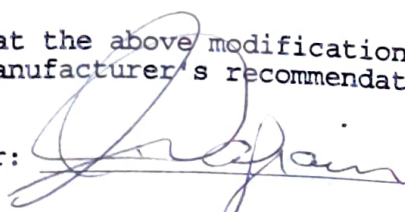
Customer: Airod Sendirian Berhad

Print Date: 20-AUG-2008

Page: 001 of 001

Document No.	Revision #	Class	Description
SB 28240 000	01	5	NEW NO.3 BRG. CARBON SEAL RETAINING CONF
SB 28258 000	00	4	NO.3 BEARING CARBON SEAL THRUST PLATE -
SB 28281 000	00	5	TURBINE EXHAUST NOZZLE ASSY.- REWORK / R
SB 28285 000	00	5	C.T. STATOR ASSY., REPLACEMENT OF.
SB A28280 000	04	3	C.T DISC INSPECTION OF & RETAINING NUT R

I hereby certify that the above modifications have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: 

CLAUDE MONGRAIN
P&WC SVCE CENTRE



Service Centre St-Hubert
T.C. AMO Approval No. 20-00

Pratt & Whitney Canada Corp.
SERVICE CENTRE ST-HUBERT
7007 de la Savane
St-Hubert, Quebec,
Canada J3Y 3X7

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 204340
Module Name: TURBOMACHINERY MODULE
Model: PW206C
Serial Number: BC0308

Customer: Airod Sdn. Bhd

Print Date: 20-JUN-2018
Page: 001 of 001

Document No.	Revision #	Class	Description
SB 28243 000	00	5	FUEL MANIFOLD BRACKET WASHER - INTRO. OF
SB 28246 000	00	5	C.T. SHROUD SEGMENT RETAINING RING - REM
SB 28253 000	00	4	DCU (LCF) CALCULATION - VERIFICATION OF.
SB 28275 000	02	5	P.T. SHAFT BAL. ASSY., REPL / MOD OF.
SB 28325 000	00	7	CARBON SEAL - REPLACEMENT OF.
SB 28340 000	05	5	NO. 3 BALL BRG & ACCY DRIVE PINION GEAR
SB 28353 000	06	5	TURBINE EXHAUST NOZZLE ASSY - REPL/MOD
SB 28360 000	00	3	SHIPPING CAPS FOR SHIPPING CONTAINER - R
SB A28341 000	02	3	OIL SHUT-OFF VALVE - INSPECTION OF.

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: *Alain Dubreuil*

Alain Dubreuil
PWC AMO 20-00



Export Control Classification: This document contains no technical data.

Service Centre St-Hubert
T.C. AMO Approval No. 20-00

Pratt & Whitney Canada Corp.
SERVICE CENTRE ST-HUBERT
7007 de la Savane
St-Hubert, Quebec,
Canada J3Y 3X7

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 222602
Module Name: TURBOMACHINERY MODULE
Model: PW206C
Serial Number: BC0308

Customer: Galaxy Aerospace (M) Sdn Bhd
Print Date: 03-MAY-2021
Page: 001 of 001

Document No.	Revision #	Class	Description
SB 28264 000	02	5	COMPRESSOR TURBINE STATOR - INSPECTION /

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector:

Alain Dubreuil

Alain Dubreuil (A)
PWC AMO 20-00 (74)

Export Control Classification: This document contains no technical data.

