

PRATT & WHITNEY CANADA

PW206C S/N : PCE-BC0358 OVERHAUL TEST RECORD
DYNO BASED UNINSTALLED PERFORMANCE
P28 V02.04.29 UJUNPW206PRODV4

19 SEP 2012

BUILD SPEC.: 847

TESTED AS PER OH MANUAL REV (17) APPLICABLE SB : POST 28136 POST 28165
FINAL VANE FLOW CLASSES FIRST STAGE : 3.63
SECOND STAGE : 9.47

PERFORMANCE DATA

	SPEC	ACTUAL	SPEC	ACTUAL
S.L.S. STD. DAY POWER, (SHP)	310.	310.	416.	416.
TRIMMED MGT, DEG R		1619		1729
DERIVED T4.4, DEG R		1655		1760
GAS GEN SPEED, RPM		50300		52400
SFC, LB/HR SHP @ 18400 BTU/LB		0.685		0.613

PERFORMANCE DATA

	SPEC	ACTUAL	SPEC	ACTUAL
S.L.S. STD. DAY POWER, (SHP)	500.	500.	550.	550.
TRIMMED MGT, DEG R		1816		1867
DERIVED T4.4, DEG R	1865	1845		1895
GAS GEN SPEED, RPM	54200	54000		55000
SFC, LB/HR SHP @ 18400 BTU/LB		0.577	0.565	0.561

PRESSURE RATIO @ 53000 RPM 7.35 7.25

FUEL TYPE : CPW 204 JET A-1
 FUEL LHV : 18600. BTU/LB
 S.G. : 0.799 @ 82. DEG F
 OIL TYPE : PWA 521 TYPE II
 OIL CONSUMPTION : 0.000 LB/HR
 OIL PRESSURE AT 45000 RPM : 56.8 PSI
 OIL TEMPERATURE AT 45000 RPM : 181. DEG F
 MGT TRIM BIAS : 105.0 C DEG
 T/M TRIM SLOPE : 0.954
 T/M TRIM DATUM : -6.60 %
 NG MARGIN : 700. RPM
 EQUIVALENT MGT MARGIN : 47. C DEG

	ACTUAL	SPEC
ENGINE DRY WEIGHT :	N/A	241.6 LBS

THE UNDERSIGNED CERTIFIES THAT THIS IS AN ACCURATE RECORD OF THE EVENTS DURING THE TEST OF SECTION PCE-BC0358.

DATE

SEP 19 2012

TEST CELL OPERATOR :

SC WT54

INSPECTOR OR CERTIFIED OPERATOR :

SC WT53

TEST ACCEPTED

DATE SEP 20 2012

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: 196880 Customer: Airod Sendirian Berhad
Module Name: REDUCTION GEARBOX MODULE Print Date: 04-MAY-2017
Model: PW206C Page: 001 of 001
Serial Number: BC0358

Document No.	Revision #	Class	Description
SB 28344 000	01	7	COLD START VALVE COVER - REPL. OF.
SB 28362 000	03	5	R.G.B. HOUSING & NO.8 BRG. - INDENT. OF.
SB 28375 000	02	6	FUEL MANAGEMENT MODULE - REPL./MOD. 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.

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Sales Order: 196880

Customer: Airod Sendirian Berhad

Module Name: TURBOMACHINERY MODULE

Print Date: 04-MAY-2017

Model: PW206C

Page: 001 of 001

Serial Number: BC0358

Document No.	Revision #	Class	Description
SB 28243 000	00	5	FUEL MANIFOLD BRACKET WASHER - INTRO. OF
SB 28253 000	00	4	DCU (LCF) CALCULATION - VERIFICATION OF.
SB 28340 000	04	5	NO. 3 BALL BRG & ACCY DRIVE PINION GEAR
SB 28353 000	05	5	TURBINE EXHAUST NOZZLE ASSY - REPL/MOD
SB 28360 000	00	3	SHIPPING CAPS FOR SHIPPING CONTAINER - R

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 (AI)
PWC AMO 20-00 94

Export Control Classification: This document contains no technical data.

