

PRATT & WHITNEY CANADA

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

2 MAY 2021 BUILD SPEC.: 847
 TEST CELL : 05-05
 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	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-BC0308....

DATE 02 MAI 2021 TEST CELL OPERATOR :

INSPECTOR OR CERTIFIED OPERATOR :

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

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

TEST ACCEPTED
DATE MAY 03 2021