

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.13

PT6C-67C S/N:PCE-KB0742 FINAL ACCEPTANCE TEST RECORD

2010 APR 30 TEST CELL : 0112 BUILD SPEC.: 963

ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 668

FINAL VANE FLOW AREAS

FIRST STAGE : 21513 2S7 6.74

SECOND STAGE : 21513 2S2 23.43

PERFORMANCE DATA

PERF. ACCEPTANCE MAX CONTINUOUS

SPEC ACTUAL SPEC ACTUAL

SHAFT SPEED

21000. 21000.

21000.

S.L.S. STD.DAY POWER

1300. 1300.

1000.

I.T.T. (T5A TRIMMED)

DEG R

T5D (DERIVED)

DEG R

GAS GEN. SPEED

RPM

35800 35400.

SFC @ 18400 BTU/LB LB/SHP.HR

0.577 0.576

FUEL TYPE : CPW 204

TEST LHV : 18516. BTU/LB

S.G. : 0.812 @ 65. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.00 LB/HR

OIL PRESSURE AT 32000 RPM : 103.7 PSI

DEG F

@ OIL TEMPERATURE OF : 205.83

I.T.T. TRIM BIAS : 61.0 DEG C @ 15 DEG C

TORQUE TRIM SLOPE : 1.013 %Q/%Q

TORQUE TRIM DATUM : -3.49 %Q

ENGINE DRY WEIGHT

SPEC ACTUAL

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446.1 441.7

PRODUCTION SIGNATURE :

[Signature]
OAC2
7

INSPECTION SIGNATURE :

[Signature]
OAC1
7

GOVERNMENT INSPECTOR :

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

DATE 30 APR 2010 FOREMAN, ASSY. & TEST INSP :

[Signature]
TC-488
NO.013

D. GAUDREAU