

PT6C-67C S/N:PCE-KB1457 FINAL ACCEPTANCE TEST RECORD

2013 SEP 30 TEST CELL : 0112 BUILD SPEC.: 1019

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.80
SECOND STAGE : 21513 2S2 22.66

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 1648. 1638.
T5D (DERIVED) DEG R 1778. 1735.
GAS GEN. SPEED RPM 35800 35500.
SFC @ 18400 BTU/LB LB/SHP.HR 0.577 0.562

FUEL TYPE : CPW 204
TEST LHV : 18589. BTU/LB
S.G. : 0.800 @ 78. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 103.3 PSI
@ OIL TEMPERATURE OF : 211.8 DEG F
I.T.T. TRIM BIAS : 50.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.017 %Q/%Q
TORQUE TRIM DATUM : -5.87 %Q

ENGINE DRY WEIGHT

SPEC ACTUAL
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452.1 443.7

PRODUCTION SIGNATURE :

INSPECTION SIGNATURE :

GOVERNMENT INSPECTOR :

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

DATE 30 SEP 2013 FOREMAN, ASSY.&TEST INSP :

Erie Forcier

T.C. 4-58 NO. 01

E. FORCIER