

PT6C-67C S/N:PCE-KB2214 FINAL ACCEPTANCE TEST RECORD

2018 DEC 05 TEST CELL : 3204 BUILD SPEC.: 963

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.85
SECOND STAGE : 21513 2S2 22.60

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. 1640.
T5D (DERIVED) DEG R 1778. 1729.
GAS GEN. SPEED RPM 35800 35350.
SFC @ 18400 BTU/LB LB/SHP.HR 0.577 0.558

FUEL TYPE : CPW 204
TEST LHV : 18503. BTU/LB
S.G. : 0.826 @ 38. DEG F

OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 105.9 PSI
@ OIL TEMPERATURE OF : 182.00 DEG F

I.T.T. TRIM BIAS : 46.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.019 %Q/%Q
TORQUE TRIM DATUM : -2.08 %Q

ENGINE DRY WEIGHT

SPEC 452.1 ACTUAL 442.2

PRODUCTION SIGNATURE :

F. QUBALA 8 DAC3 5

INSPECTION SIGNATURE :

T. LOVE 7 DAC3 8

GOVERNMENT INSPECTOR :

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

DATE 06 DEC 2018 FOREMAN, ASSY. & TEST INSP :

B. HORVATH T.C. 4-58 NO. 022

2019 JAN 10 TEST CELL : 0112 BUILD SPEC.: 1019

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.86
SECOND STAGE : 21513 2S2 22.60

PERFORMANCE DATA

SHAFT SPEED 21000. 21000. 21000.
S.L.S. STD.DAY POWER 1300. 1300. 1000.
I.T.T. (T5A TRIMMED) DEG R 1648. 1643.
T5D (DERIVED) DEG R 1778. 1738.
GAS GEN. SPEED RPM 35800 35250.
SFC @ 18400 BTU/LB LB/SHP.HR 0.577 0.561

FUEL TYPE : CPW 204
TEST LHV : 18608. BTU/LB
S.G. : 0.810 @ 53. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 107.1 PSI
@ OIL TEMPERATURE OF : 183.3 DEG F

I.T.T. TRIM BIAS : 54.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.011 %Q/%Q
TORQUE TRIM DATUM : -3.78 %Q

ENGINE DRY WEIGHT SPEC 452.1 ACTUAL 443.7

PRODUCTION SIGNATURE : [Signature] 3 OAC0 6
INSPECTION SIGNATURE : [Signature] 5 OAC3 6
GOVERNMENT INSPECTOR :

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

DATE 11 JAN 2019 FOREMAN, ASSY. & TEST INSP : [Signature] T.C. 4-58 NO. 076

P. DUBOIS