

PT6C-67C S/N:PCE-KB2067 FINAL ACCEPTANCE TEST RECORD

2017 OCT 27 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

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. 1639.
T5D (DERIVED) DEG R 1778. 1742.
GAS GEN. SPEED RPM 35800 35250.
SFC @ 18400 BTU/LB LB/SHP.HR 0.577 0.560

FUEL TYPE : CPW 204
TEST LHV : 18611. BTU/LB
S.G. : 0.796 @ 66. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 107.7 PSI
@ OIL TEMPERATURE OF : 200.79 DEG F

I.T.T. TRIM BIAS : 55.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.015 %Q/%Q
TORQUE TRIM DATUM : -3.60 %Q

ENGINE DRY WEIGHT SPEC ACTUAL
452.1 443.7

PRODUCTION SIGNATURE :

[Signature] 9 OAC3 8

INSPECTION SIGNATURE :

[Signature] 5 OAC3 8

GOVERNMENT INSPECTOR :

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

DATE 27 OCT 2017

FOREMAN, ASSY.&TEST INSP :

[Signature] T.C. 4-58 NO. 017
E. FORCIER

PT6C-67C S/N:PCE-KB2069 FINAL ACCEPTANCE TEST RECORD

2017 NOV 09 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

Table with columns: SPEC, ACTUAL, SPEC, ACTUAL. Rows include: SHAFT SPEED, S.L.S. STD.DAY POWER, I.T.T. (T5A TRIMMED), T5D (DERIVED), GAS GEN. SPEED, SFC @ 18400 BTU/LB LB/SHP.HR.

FUEL TYPE : CPW 204
TEST LHV : 18549. BTU/LB
S.G. : 0.820 @ 40. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 106.1 PSI
@ OIL TEMPERATURE OF : 190.8 DEG F

I.T.T. TRIM BIAS : 52.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.018 %Q/%Q
TORQUE TRIM DATUM : -2.64 %Q

ENGINE DRY WEIGHT SPEC 452.1 ACTUAL 443.7

PRODUCTION SIGNATURE : [Signature] B. HOUGHTON 0AC3 9/7

INSPECTION SIGNATURE : [Signature] G. GERTRIDGE 0864 4-58

GOVERNMENT INSPECTOR :

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

DATE 09 NOV 2017 FOREMAN, ASSY. & TEST INSP : [Signature] R. WEISTRA TC 4-59 NO 123