

PT6C-67C S/N:PCE-KB2361 FINAL ACCEPTANCE TEST RECORD

2019 OCT 25 TEST CELL : 3204 BUILD SPEC.: 963

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.86
SECOND STAGE : 21513 2S2 22.59

Table with columns: PERFORMANCE DATA, PERF. ACCEPTANCE, MAX CONTINUOUS, 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 : 18530. BTU/LB
S.G. : 0.818 @ 50. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 105.2 PSI
@ OIL TEMPERATURE OF : 213.68 DEG F

I.T.T. TRIM BIAS : 46.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.020 %Q/%Q
TORQUE TRIM DATUM : 0.29 %Q

Table with columns: SPEC, ACTUAL. Row: ENGINE DRY WEIGHT with values 452.1 and 443.2.

PRODUCTION SIGNATURE : [Signature] T. LOVE
INSPECTION SIGNATURE : T. KLINE [Signature] 1AC6 0/3
GOVERNMENT INSPECTOR :

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

DATE 26 OCT 2019 FOREMAN, ASSY. & TEST INSP : [Signature] B. HORVATH T.C. 4-58 NO. 022

2019 OCT 22 TEST CELL : 3204 BUILD SPEC.: 1019

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.87
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. 1728.
GAS GEN. SPEED RPM 35800 35400.
SFC @ 18400 BTU/LB LB/SHP.HR 0.577 0.557

FUEL TYPE : CPW 204
TEST LHV : 18504. BTU/LB
S.G. : 0.817 @ 54. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 105.2 PSI
@ OIL TEMPERATURE OF : 202.35 DEG F

I.T.T. TRIM BIAS : 49.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.020 %Q/%Q
TORQUE TRIM DATUM : -5.06 %Q

ENGINE DRY WEIGHT SPEC 452.1 ACTUAL 443.7

PRODUCTION SIGNATURE : *D. NICHOLS* 7 DAC8 8

INSPECTION SIGNATURE : 3 0AC1 N. VOLLO 7

GOVERNMENT INSPECTOR :

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

DATE 23 OCT 2019 FOREMAN, ASSY.&TEST INSP : G. GERTRIDGE T.C. 4-58 NO. 003
G. Gertridge