

2019 DEC 15 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 22.58

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.	1645.		
T5D (DERIVED)	DEG R	1778.	1733.		
GAS GEN. SPEED	RPM	35800	35300.		
SFC @ 18400 BTU/LB LB/SHP.HR				0.577	0.561

FUEL TYPE : CPW 204  
TEST LHV : 18602. BTU/LB

S.G. : 0.817 @ 31. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.00 LB/HR

OIL PRESSURE AT 32000 RPM : 106.3 PSI

@ OIL TEMPERATURE OF : 181.18 DEG F

I.T.T. TRIM BIAS : 49.0 DEG C @ 15 DEG C

TORQUE TRIM SLOPE : 1.020 %Q/%Q

TORQUE TRIM DATUM : -3.23 %Q

SPEC ACTUAL

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ENGINE DRY WEIGHT

452.1 443.7

PRODUCTION SIGNATURE :

*[Signature]* 1AC7

INSPECTION SIGNATURE :

*[Signature]* 1AC0  
3

GOVERNMENT INSPECTOR :

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

DATE 16 DEC 2019 FOREMAN, ASSY.&TEST INSP :

*[Signature]*  T.C. 458 NO. 013  
D. GAUDREAU

PT6C-67C S/N:PCE-KB2399 FINAL ACCEPTANCE TEST RECORD

2019 DEC 21 TEST CELL : 3204 BUILD SPEC.: 963

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

FINAL VANE FLOW AREAS FIRST STAGE : 21513 3S7 6.87
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 : 18520. BTU/LB
S.G. : 0.815 @ 64. DEG F
OIL TYPE : PWA 521 TYPE II
OIL CONSUMPTION : 0.0 LB/HR
OIL PRESSURE AT 32000 RPM : 104.9 PSI
@ OIL TEMPERATURE OF : 200.63 DEG F

I.T.T. TRIM BIAS : 46.0 DEG C @ 15 DEG C
TORQUE TRIM SLOPE : 1.018 %Q/%Q
TORQUE TRIM DATUM : -4.66 %Q

ENGINE DRY WEIGHT SPEC 452.1 ACTUAL 443.2

PRODUCTION SIGNATURE : B. HOUGHTON
INSPECTION SIGNATURE : B. DUNCAN
GOVERNMENT INSPECTOR :

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

DATE 21 DEC 2019 FOREMAN, ASSY. & TEST INSP : G. GERTRIDGE