

PRATT & WHITNEY CANADA CORP. P68 PROGRAM 4.4.50

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

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.	1642.		
T5D (DERIVED) DEG R	1778.	1727.		
GAS GEN. SPEED RPM	35800	35450.		
SFC @ 18400 BTU/LB LB/SHP.HR			0.577	0.557


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

	SPEC	ACTUAL
ENGINE DRY WEIGHT	452.1	443.2

PRODUCTION SIGNATURE : *[Signature]* T. LOVE
 INSPECTION SIGNATURE : T. KLINE *[Signature]* 1AC6
 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]*  T.C. 4-58 NO. 022
B. HORVATH

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

SPEC ACTUAL

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ENGINE DRY WEIGHT 452.1 443.7

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*