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TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

GAS GENERATOR MODULE LOG BOOK

Second Edition

January 1987

Canada

PRATT & WHITNEY CANADA INC. P68 PROGRAM 4.2.3

PT6A-67AG S/N:PCE-RD0013 FINAL ACCEPTANCE TEST RECORD

98 SEP 16 TEST CELL : 0113 BUILD SPEC.: 848
ENGINE TESTED AND ACCEPTED IN ACCORDANCE WITH E&TI : 613
FINAL VANE FLOW CLASSES FIRST STAGE : 21513 3S2 7.07
SECOND STAGE : 01466 5S1 23.15

PERFORMANCE DATA (177)

PERF. ACCEPTANCE

SPEC ACTUAL

PROP SPEED		1700.	1700.
S.L.S. STD.DAY POWER		1300.	1300.
I.T.T. (T5A TRIMMED)	DEG R	1810.	1774.
T5D (DERIVED)	DEG R	1865.	1790.
GAS GEN. SPEED	RPM	36800	36250.
SFC @ 18400 BTU/LB LB/SHP.HR		0.563	0.553

PRESSURE RATIO @ 36500 RPM 10.00 9.95

FUEL TYPE : CPW 204

TEST LHV : 18650. BTU/LB

S.G. : 0.802 @ 75. DEG F

OIL TYPE : PWA 521 TYPE II

OIL CONSUMPTION : 0.0 LB/HR

T.O. OIL PRESSURE : 117 PSI

OIL TEMPERATURE : 155 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 2.4 DEG F

I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 1.3 DEG C

I.T.T. TRIM CLASS : N/A

TRIM RESISTANCE : ∞ OHMS

COLD HARNESS RESISTANCE : 1.41 OHMS

B.O.V. SEAT CLASS : 12

HANDLING AND CONTROL SETTINGS

TRIMMED MAX NG : N/A RPM

UNTRIMMED MAX NG : 39000 RPM

DATA PLATE SPEED : 36250 RPM

IDLE SPEED : 21176 RPM

ACCEL. TIME F.I. TO MAX @ T1 : 1.80 SECS @ 63 DEGF

ENGINE DRY WEIGHT : 503.2 LBS.

PRODUCTION SIGNATURE :

INSPECTION SIGNATURE :

GOVERNMENT INSPECTOR :

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

DATE 16-SEPT 98 FOREMAN, ASSY. & TEST INSP :

J.C. FONTAINE

T.C. 4-58
NO. 012

ENGINE LOG

1. Make PRATT AND WHITNEY CANADA INC.
2. Model PT6A-67A6
3. Specification 848 (E.T.C. E-21)
4. Manufacturer's Serial Number MCE - RD0013
5. Date of Manufacture SEPTEMBER 1998
6. Aircraft Inspection Cycle _____

ENGINE SERVICE AND

MAINTENANCE RECORD

1

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
6 SEP-98	0	0	0	0	NEW ENGINE FINAL ACCEPTANCE TEST AND INHIBITING RUN COMPLETED SATISFACTORILY AND IS IN A CONDITION FOR SAFE OPERATION.	THIS GAS GENERATOR MODULE IS COMBINED WITH POWERSECTION 8/N:PS-RD0013 Ng/Jo 36250 RPM, AT 1300 SHP/6/0 ITT TRIM: 1.3 C° T5 TRIM RESISTANCE: 2 OHMS.	J.C. FONTAINE	76-1-85 NO. 012
This engine installed on Air Tractor model AT-802 serial 802-0071 Aircraft test flown per Air Tractor form 1007 and engine found to operate satisfactory. Insp. <i>Richard Fortin</i> Date 11-24-98								
<i>This engine has been modified I.A.W. 51653 and 51654 by installing a flexible fuel control unit</i>					<i>STC # SE065254 and Snow Engineering Inc's hose from the propeller primary governor to</i> <i>Richard Fortin</i> <i>Air Service Inc.</i>			
10/AUGUST/02	15	1			ENGINE REMOVED FROM AIR TRACTOR AT-802, SIN 802-0071 DUE TO PROPELLER STRIKE.		FAUSTO ORTEGA MARTIN Director Técnico AVIALSA 7/35	
CARRIED FORWARD								
TOTAL THIS PAGE					MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.			
TOTAL FROM PREVIOUS SUMMARY								
TOTAL SINCE MFG.								

MAINTENANCE RECORDS

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.