

7.0 FREE TURBINE RECORD OF TEST, DATA SHEET**JOB ORDER NUMBER: 12991****CUSTOMER: WGPW****MODEL: FT4C-1D****FT SERIAL NUMBER: 600530****ROTATION: CW___ CCW X**

<u>POINT</u>	LIMITS	Initial Testing Sequence				Final Acceptance Test		
		GG IDLE OR 6000 N2 +/- 50 RPM	RATED SPEED 3600 +/- 50 RPM	OVER SPEED 3800 +/- 50 RPM	GG IDLE OR 6000 N2 +/- 50 RPM	OVER SPEED 3800 +/- 50 RPM	RATED SPEED 3600 +/- 50 RPM	GG IDLE OR 6000 N2 +/- 50 RPM
TIME	N/A	17:53	17:57	18:02	18:07	18:11	18:27	18:31
<i>Free Turbine Data</i>								
N3 CONTL. RPM	N/A	2732	2993	3589	3797	3012	3600	3788
N3 CUST. RPM	N/A	2732	2993	3589	3797	3012	3600	3788
N3 SPARE RPM	N/A	2732	2993	3589	3797	3012	3600	3788
(PMOP) PSIA	35 -50 PSIA	36	37	38	39	37	38	39
(POILS) PSIA	35 – 50 PSIA	35	36	38	39	36	38	39
(DPMOP) PSID	0 – 5 PSID	1	1	0	0	1	0	0
(TORET) °F	120 – 220 °F	163	172	190	189	188	189	187
(TOSUPT) °F	120 – 220 °F	128	151	147	149	147	147	150
(PFTBP) PSIA	2.0” Hg.	0.2	0.2	0.2	0.2	0.2	0.2	0.2
(PS3UP) PSIA	12 – 26 PSIA	20.0	20.6	22.5	23.2	20.7	22.6	23.2
FRONT (VF90) mils p/p	1.4 mils p/p	0.16	0.24	0.48	0.42	0.22	0.26	0.55
REAR (VR45) mils p/p	1.4 mils p/p	0.10	0.14	0.23	0.22	0.22	0.27	0.19
N3 CONTL. VOLTS	2 – 8 volts AC	3.8	4.2	4.9	5.1	4.1	4.8	5.1
N3 CUST. VOLTS	2 – 8 volts AC	3.5	3.8	4.5	4.7	3.7	4.4	4.7
N3 SPARE VOLTS	2 – 8 volts AC	3.5	3.8	4.4	4.7	3.7	4.4	4.6
<i>Gas Generator Data</i>								
N2 RPM		6007	6275	6765	6905	6306	6777	6908
Oil Pressure In (PSIG)	50	47	48	49	49	47	48	49
Oil Temperature (°F)	220	172	173	180	180	175	182	185
Tt7 (°F average)		576	585	618	631	588	618	632
Ps4 (psig)		20.0	20.6	22.5	23.2	20.7	22.6	23.2

Operator 1: Todd Munsell**Operator 2: Eric Rohver****RECORD RUN DOWN TIME (from 1200 N3 RPM): 9:35 min.****RECORD #8 REAR CARBON SEAL LEAKAGE: < 2.0 CC (LIMIT 4 CC/HOUR)****CHECK OIL FILTER: OK X CONTAMINATION FOUND: None****TEST ACCEPTANCE: PASS X FAIL_____****AUTHORIZED BY: William T. Barnett TITLE: Engineering Manager DATE: 30 July,2008****CUST. APPROVAL:****TITLE:****DATE:**