

7.0 FREE TURBINE RECORD OF TEST, DATA SHEET**JOB ORDER NUMBER: 12891P1****CUSTOMER: WGPW****MODEL: FT4C-1****FT SERIAL NUMBER: 600496****ROTATION: CW X CCW**

<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	20:54	20:59	21:04	21:08	21:21	21:39	21:40
<i>Free Turbine Data</i>								
N3 CONTL. RPM	N/A	2731	3585	3795	2723	3784	3619	2715
N3 CUST. RPM	N/A	2731	3585	3795	2723	3784	3619	2715
N3 SPARE RPM	N/A	2731	3585	3795	2723	3784	3619	2715
(PMOP) PSIA	35 -50 PSIA	40	44	45	40	45	44	40
(POILS) PSIA	35 – 50 PSIA	39	43	45	39	45	43	39
(DPMOP) PSID	0 – 5 PSID	1	1	0	1	0	1	1
(TORET) °F	120 – 220 °F	175	183	189	175	188	187	180
(TOSUPT) °F	120 – 220 °F	138	158	146	136	147	140	139
(PFTBP) PSIA	2.0” Hg.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(PS3UP) PSIA	12 – 26 PSIA	20.1	22.8	23.6	20.1	23.6	23.0	20.1
FRONT (VF90) mils p/p	1.4 mils p/p	0.06	0.30	0.32	0.04	0.64	0.48	0.05
REAR (VR45) mils p/p	1.4 mils p/p	0.02	0.04	0.03	0.02	0.02	0.03	0.04
N3 CONTL. VOLTS	2 – 8 volts AC	3.0	4.4	4.7	3.0	4.6	4.4	3.0
N3 CUST. VOLTS	2 – 8 volts AC	3.0	4.4	4.7	3.0	4.6	4.4	3.0
N3 SPARE VOLTS	2 – 8 volts AC	3.0	4.4	4.7	3.0	4.6	4.4	3.0
<i>Gas Generator Data</i>								
N2 RPM		5941	6670	6809	5941	6807	6695	5938
Oil Pressure In (PSIG)	50	49	50	50	49	50	49	47
Oil Temperature (°F)	220	171	174	171	187	172	178	174
Tt7 (°F average)		563	601	614	568	616	602	570
Ps4 (psig)		20.1	22.8	23.6	20.1	23.6	23.0	20.1

Operator 1 Todd Munsell**Operator 2 Eric Rohver****RECORD RUN DOWN TIME (from 1200 N3 RPM): 8:32 min****RECORD #8 REAR CARBON SEAL LEAKAGE <2 CC (LIMIT 4 CC/HOUR)****CHECK OIL FILTER: OK Good CONTAMINATION FOUND None****TEST ACCEPTANCE: PASS X FAIL****AUTHORIZED BY: William T Barnett TITLE: Engineering Manager DATE: 16 July 2008****CUST. APPROVAL:****TITLE:****DATE:**