Test Software P/N 4102483

**Tested Part Number** 1040000

Test Software Name Trilogy FSA (REPAIR TEST)



**Software Revision** 24.0.0.0

Prepared By P. Pascal

## Test Report

1   0.021.0007 DEM 02 Press Sensor Cal Pie 25.10 & 75.30 PSI: Slop   ADC CR. 3010 to 0.010   ADC	Step	Description	Units	Limits	Results	Pass Fail
3 0021.0020 02 Press Sensor Cal Pie 25.10 & 75.30 PSI: Inte	1	0021.0007 OBM 02 Sensor Heater On (NO_O2_ERROR) [0s]	N/A	Pass	TRUE	<u> </u>
4 0021.0030 02 Press Sensor Cal Pla 25,10 & 75,30 PS: Zero DC Cnts 320 to 490 410	2	0021.0010 02 Press Sensor Cal P1@ 25,10 & 75,30 PSI: Slope	[/ADC Cr	,03010 to 0,0510	0,03343	<b>√</b>
5 0021.0120 Neg Plow Cal: dP2 at -47.0 (Setpoint 45) [6m 8s DC Cnts	3	0021.0020 02 Press Sensor Cal P1@ 25,10 & 75,30 PSI: Inter	PSI	-25,00 to -10,00	-13,43	<b>√</b>
6 0021.0130 Neg Flow Cal: dP2 at -33,2 (Seppoint 35) [6m 8s DC Chts GE 204 409	4	0021.0030 02 Press Sensor Cal P1@ 25,10 & 75,30 PSI: Zero	ADC Cnts	320 to 490	410	<b>√</b>
7 0021.0140 Neg Flow Cal: dP2 at -24.0 (Setpoint 25) [6m 8a DC Chts	5	0021.0120 Neg Flow Cal: dP2 at -47,0 (Setpoint 45) [6m 8s	ADC Cnts	GE 101	203	<b>√</b>
8 0021.0150 Neg Flow Cal: dP2 at -15.0 (Setpoint 15) [6m 8s DC Cnts	6	0021.0130 Neg Flow Cal: dP2 at -33,2 (Setpoint 35) [6m 8s	ADC Cnts	GE 204	409	<b>√</b>
9 0021.0160 Neg Flow Cal: dP2 at -5.0 (Setpoint 5) [6m 8s] LDC Chts GE 770 1059	7	0021.0140 Neg Flow Cal: dP2 at -24,0 (Setpoint 25) [6m 8s	ADC Cnts	GE 410	580	<b>√</b>
10 0021.0170 Neg Flow Cal: dP2 at -0.0 (Setpoint 0) [6m 8s] NDC Cnts	8	0021.0150 Neg Flow Cal: dP2 at -15,0 (Setpoint 15) [6m 8s	ADC Cnts	GE 581	769	<b>√</b>
11 0021.0250 Raw Zero Flow: dP2 at 0,0 (Setpoint 0) [6m 8a] UCC Cnts	9	0021.0160 Neg Flow Cal: dP2 at -5,0 (Setpoint 5) [6m 8s]	ADC Cnts	GE 770	1059	<b>√</b>
12 0021.0300 Pos Flow Cal: dP2 at 5.0 (Setpoint 5) [10m 16s] DC Cnts LE 1566 1292 \$\forall \$  13 0021.0310 Pos Flow Cal: dP2 at 15.0 (Setpoint 15) [10m 16s] DC Cnts LE 1738 1567 \$\forall \$  14 0021.0320 Pos Flow Cal: dP2 at 22.0 (Setpoint 25) [10m 16] DC Cnts LE 2002 1739 \$\forall \$  15 0021.0330 Pos Flow Cal: dP2 at 37.3 (Setpoint 35) [10m 16] DC Cnts LE 2131 2003 \$\forall \$  16 0021.0330 Pos Flow Cal: dP2 at 47.0 (Setpoint 45) [10m 16] DC Cnts LE 2131 2003 \$\forall \$  17 0021.0330 Pos Flow Cal: dP2 at 67.0 (Setpoint 55) [10m 16] DC Cnts LE 2272 2132 \$\forall \$  18 0021.0360 Pos Flow Cal: dP2 at 67.0 (Setpoint 55) [10m 16] DC Cnts LE 2407 2273 \$\forall \$  18 0021.0360 Pos Flow Cal: dP2 at 76.5 (Setpoint 55) [10m 16] DC Cnts LE 2514 2408 \$\forall \$  19 0021.0370 Pos Flow Cal: dP2 at 76.5 (Setpoint 65) [10m 16] DC Cnts LE 2514 2408 \$\forall \$  20 0021.0380 Pos Flow Cal: dP2 at 87.3 (Setpoint 85) [10m 16] DC Cnts LE 2532 2515 \$\forall \$  21 0021.0380 Pos Flow Cal: dP2 at 87.3 (Setpoint 85) [10m 16] DC Cnts LE 2732 2633 \$\forall \$  22 0021.0400 Pos Flow Cal: dP2 at 16.7 (Setpoint 105) [10m DC Cnts LE 2904 2828 \$\forall \$  23 0021.0410 Pos Flow Cal: dP2 at 116.5 (Setpoint 115) [10m DC Cnts LE 2904 2828 \$\forall \$  24 0021.0420 Pos Flow Cal: dP2 at 135.8 (Setpoint 135) [10m DC Cnts LE 3120 3056 \$\forall \$  25 0021.0430 Pos Flow Cal: dP2 at 135.8 (Setpoint 135) [10m DC Cnts LE 3297 3120 \$\forall \$  26 0021.0440 Pos Flow Cal: dP2 at 135.8 (Setpoint 145) [10m DC Cnts LE 3297 3120 \$\forall \$  27 0021.0430 Pos Flow Cal: dP2 at 135.8 (Setpoint 135) [10m DC Cnts LE 3311 3298 \$\forall \$  28 0021.0440 Pos Flow Cal: dP2 at 189.7 (Setpoint 175) [10m DC Cnts LE 3311 3298 \$\forall \$  30 0021.0500 02 Positive Flow Cal: dP1 at 10.0 (SP 15 881.0P1) DC Cnts LE 351 231 \$\forall \$  30 0021.0500 02 Positive Flow Cal: dP1 at 15.0 (SP 15 881.0P1) DC Cnts LE 339 3412 \$\forall \$  31 0021.0500 02 Positive Flow Cal: dP1 at 35.0 (SP 35 879.8P1) DC Cnts LE 1339 1176 \$\forall \$  32 0021.0500 02 Positive Flow Cal: dP1 at 35.0 (SP 35 879.8P1) DC	10	0021.0170 Neg Flow Cal: dP2 at -0,0 (Setpoint 0) [6m 8s]	ADC Cnts	GE 1060	1178	<b>√</b>
13 0021.0310 Pos Flow Cal: dP2 at 15,0 (Setpoint 15) [10m 16 DC Cnts LE 2002 1739	11	0021.0250 Raw Zero Flow: dP2 at 0,0 (Setpoint 0) [6m 8s]	ADC Cnts	GE 0	1178	<b>√</b>
14 0021.0320 Pos Flow Cal: dP2 at 22,0 (Setpoint 25) [10m 16,DC Cats	12	0021.0300 Pos Flow Cal: dP2 at 5,0 (Setpoint 5) [10m 16s]	ADC Cnts	LE 1566	1292	<b>√</b>
15 0021.0330 Pos Flow Cal: dP2 at 37,3 (Setpoint 35) [10m 16 NDC Cnts	13	0021.0310 Pos Flow Cal: dP2 at 15,0 (Setpoint 15) [10m 16	ADC Cnts	LE 1738	1567	✓
16 0021.0340 Pos Flow Cal: dP2 at 47,0 (Setpoint 45) [10m 16 DC Cnts	14	0021.0320 Pos Flow Cal: dP2 at 22,0 (Setpoint 25) [10m 16s	ADC Cnts	LE 2002	1739	<b>√</b>
17 0021.0350 Pos Flow Cal: dP2 at 56,7 (Setpoint 55) [10m 16 DC Cnts	15	0021.0330 Pos Flow Cal: dP2 at 37,3 (Setpoint 35) [10m 16s	ADC Cnts	LE 2131	2003	<b>√</b>
18 0021.0360 Pos Flow Cal: dP2 at 67.0 (Setpoint 65) [10m 16 ADC Cnts	16	0021.0340 Pos Flow Cal: dP2 at 47,0 (Setpoint 45) [10m 16s	ADC Cnts	LE 2272	2132	<b>√</b>
19 0021.0370 Pos Flow Cal: dP2 at 76,5 (Setpoint 75) [10m 16 DC Cnts	17	0021.0350 Pos Flow Cal: dP2 at 56,7 (Setpoint 55) [10m 16	ADC Cnts	LE 2407	2273	<b>√</b>
20 0021.0380 Pos Flow Cal: dP2 at 87,3 (Setpoint 85) [10m 16; DC Cnts LE 2732 2633	18	0021.0360 Pos Flow Cal: dP2 at 67,0 (Setpoint 65) [10m 16;	ADC Cnts	LE 2514	2408	<b>√</b>
21 0021.0390 Pos Flow Cal: dP2 at 96,5 (Setpoint 95) [10m 16ADC Cnts	19	0021.0370 Pos Flow Cal: dP2 at 76,5 (Setpoint 75) [10m 16	ADC Cnts	LE 2632	2515	<b>√</b>
22 0021.0400 Pos Flow Cal: dP2 at 106,7 (Setpoint 105) [10m \nDC Cnts \text{LE 2904} \text{2828} \times \frac{1}{2} \text{2905} \text{23} \text{0021.0410 Pos Flow Cal: dP2 at 116,5 (Setpoint 115) [10m \nDC Cnts \text{LE 2976} \text{LE 2976} \text{2905} \text{2905} \text{24} \text{0021.0420 Pos Flow Cal: dP2 at 126,0 (Setpoint 125) [10m \nDC Cnts \text{LE 3056} \text{LE 3056} \text{2977} \text{25} \text{0021.0430 Pos Flow Cal: dP2 at 135,8 (Setpoint 135) [10m \nDC Cnts \text{LE 3120} \text{3056} \text{3056} \text{2977} \text{25} \text{0021.0440 Pos Flow Cal: dP2 at 145,3 (Setpoint 145) [10m \nDC Cnts \text{LE 3297} \text{3120} \text{3120} \text{3298} \text{27} \text{0021.0450 Pos Flow Cal: dP2 at 172,5 (Setpoint 175) [10m \nDC Cnts \text{LE 3411} \text{3298} \text{29} \text{3298} \text{3412} \text{29} \text{0021.0460 Pos Flow Cal: dP2 at 189,7 (Setpoint 190) [10m \nDC Cnts \text{LE 3999} \text{3412} \text{29} \text{0021.0500 02 Positive Flow Cal: dP1 at 0,0 (SP 0 \text{079,4PSI \nDC Cnts} \text{LE 351} \text{231} \text{231} \text{29} \text{0021.0510 02 Positive Flow Cal: dP1 at 4,0 (SP 5 \text{081,3PSI \nDC Cnts} \text{LE 722} \text{352} \text{25} \text{352} \text{20} \text{352} \text{20} \text{352} \text{20} \text{353} \tex	20	0021.0380 Pos Flow Cal: dP2 at 87,3 (Setpoint 85) [10m 16s	ADC Cnts	LE 2732	2633	<b>√</b>
23 0021.0410 Pos Flow Cal: dP2 at 116,5 (Setpoint 115) [10m ADC Cnts LE 2976 2905	21	0021.0390 Pos Flow Cal: dP2 at 96,5 (Setpoint 95) [10m 16	ADC Cnts	LE 2828	2733	<b>√</b>
24 0021.0420 Pos Flow Cal: dP2 at 126,0 (Setpoint 125) [10m ADC Cnts LE 3056 2977	22	0021.0400 Pos Flow Cal: dP2 at 106,7 (Setpoint 105) [10m :	ADC Cnts	LE 2904	2828	✓
25 0021.0430 Pos Flow Cal: dP2 at 135,8 (Setpoint 135) [10m \ \( \text{IDC}\) Cnts \\ \( \text{LE 3120}\) \\ 3056 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	23	0021.0410 Pos Flow Cal: dP2 at 116,5 (Setpoint 115) [10m :	ADC Cnts	LE 2976	2905	<b>√</b>
26 0021.0440 Pos Flow Cal: dP2 at 145,3 (Setpoint 145) [10m ADC Cnts LE 3297 3120 \$\sqrt{2}\$  27 0021.0450 Pos Flow Cal: dP2 at 172,5 (Setpoint 175) [10m ADC Cnts LE 3411 3298 \$\sqrt{2}\$  28 0021.0460 Pos Flow Cal: dP2 at 189,7 (Setpoint 190) [10m ADC Cnts LE 3999 3412 \$\sqrt{2}\$  29 0021.0500 O2 Positive Flow Cal: dP1 at 0,0 (SP 0 @79,4PSI ADC Cnts LE 351 231 \$\sqrt{2}\$  30 0021.0510 O2 Positive Flow Cal: dP1 at 4,0 (SP 5 @81,3PSI ADC Cnts LE 722 352 \$\sqrt{2}\$  31 0021.0520 O2 Positive Flow Cal: dP1 at 15,0 (SP 15 @81,0P) ADC Cnts LE 961 723 \$\sqrt{2}\$  32 0021.0530 O2 Positive Flow Cal: dP1 at 24,5 (SP 25 @80,5P) ADC Cnts LE 1175 962 \$\sqrt{2}\$  33 0021.0540 O2 Positive Flow Cal: dP1 at 35,0 (SP 35 @79,8P) ADC Cnts LE 1339 1176 \$\sqrt{2}\$  34 0021.0550 O2 Positive Flow Cal: dP1 at 44,5 (SP 45 @79,2P) ADC Cnts LE 1502 1340 \$\sqrt{2}\$	24	0021.0420 Pos Flow Cal: dP2 at 126,0 (Setpoint 125) [10m :	ADC Cnts	LE 3056	2977	<b>√</b>
27 0021.0450 Pos Flow Cal: dP2 at 172,5 (Setpoint 175) [10m ADC Cnts LE 3411 3298	25	0021.0430 Pos Flow Cal: dP2 at 135,8 (Setpoint 135) [10m :	ADC Cnts	LE 3120	3056	<b>√</b>
28 0021.0460 Pos Flow Cal: dP2 at 189,7 (Setpoint 190) [10m ADC Cnts LE 3999 3412	26	0021.0440 Pos Flow Cal: dP2 at 145,3 (Setpoint 145) [10m :	ADC Cnts	LE 3297	3120	<b>√</b>
29 0021.0500 02 Positive Flow Cal: dPl at 0,0 (SP 0 @79,4PSI ADC Cnts LE 351 231	27	0021.0450 Pos Flow Cal: dP2 at 172,5 (Setpoint 175) [10m :	ADC Cnts	LE 3411	3298	<b>√</b>
30 0021.0510 02 Positive Flow Cal: dPl at 4,0 (SP 5 @81,3PSI ADC Cnts LE 722 352   31 0021.0520 02 Positive Flow Cal: dPl at 15,0 (SP 15 @81,0PADC Cnts LE 961 723   32 0021.0530 02 Positive Flow Cal: dPl at 24,5 (SP 25 @80,5PADC Cnts LE 1175 962   33 0021.0540 02 Positive Flow Cal: dPl at 35,0 (SP 35 @79,8PADC Cnts LE 1339 1176   34 0021.0550 02 Positive Flow Cal: dPl at 44,5 (SP 45 @79,2PADC Cnts LE 1502 1340   4	28	0021.0460 Pos Flow Cal: dP2 at 189,7 (Setpoint 190) [10m :	ADC Cnts	LE 3999	3412	<b>√</b>
31 0021.0520 02 Positive Flow Cal: dPl at 15,0 (SP 15 @81,0P ADC Cnts LE 961 723 ✓  32 0021.0530 02 Positive Flow Cal: dPl at 24,5 (SP 25 @80,5P ADC Cnts LE 1175 962 ✓  33 0021.0540 02 Positive Flow Cal: dPl at 35,0 (SP 35 @79,8P ADC Cnts LE 1339 1176 ✓  34 0021.0550 02 Positive Flow Cal: dPl at 44,5 (SP 45 @79,2P ADC Cnts LE 1502 1340 ✓	29	0021.0500 02 Positive Flow Cal: dPl at 0,0 (SP 0 @79,4PSI	ADC Cnts	LE 351	231	<b>√</b>
32 0021.0530 02 Positive Flow Cal: dPl at 24,5 (SP 25 @80,5P ADC Cnts LE 1175 962   33 0021.0540 02 Positive Flow Cal: dPl at 35,0 (SP 35 @79,8P ADC Cnts LE 1339 1176   34 0021.0550 02 Positive Flow Cal: dPl at 44,5 (SP 45 @79,2P ADC Cnts LE 1502 1340   4	30	0021.0510 02 Positive Flow Cal: dPl at 4,0 (SP 5 @81,3PSI	ADC Cnts	LE 722	352	<b>√</b>
33 0021.0540 02 Positive Flow Cal: dP1 at 35,0 (SP 35 @79,8P ADC Cnts LE 1339 1176 34 0021.0550 02 Positive Flow Cal: dP1 at 44,5 (SP 45 @79,2P ADC Cnts LE 1502 1340	31	0021.0520 02 Positive Flow Cal: dP1 at 15,0 (SP 15 @81,0P)	ADC Cnts	LE 961	723	<b>→</b>
34 0021.0550 02 Positive Flow Cal: dP1 at 44,5 (SP 45 @79,2P ADC Cnts LE 1502 1340	32	0021.0530 O2 Positive Flow Cal: dPl at 24,5 (SP 25 @80,5P	ADC Cnts	LE 1175	962	<b>√</b>
	33	0021.0540 O2 Positive Flow Cal: dPl at 35,0 (SP 35 @79,8P	ADC Cnts	LE 1339	1176	<b>√</b>
35 0021.0560 02 Positive Flow Cal: dP1 at 54,8 (SP 55 @78,6P ADC Cnts LE 1652 1503	34	0021.0550 02 Positive Flow Cal: dPl at 44,5 (SP 45 @79,2P)	ADC Cnts	LE 1502	1340	<b> </b>
	35	0021.0560 O2 Positive Flow Cal: dP1 at 54,8 (SP 55 @78,6P:	ADC Cnts	LE 1652	1503	

**Test Started On** 07/19/24 11:58:47

Serial Number TV019111109 Elapsed Test Time 16m 54s

Status PASS

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