

	A	B	C	D	E	F	G	H	I	J	K
1	Electronics International Inc										
2	CGR-30P Flight Data Recording										
3	Aircraft ID.....: N111NW										
4											
5	Unit ID.....: 10002148										
6	EDC Models.....: P-4-6-G										
7	SW Version.....: 1.2										
8	Tracking Number: 302										
9	Local Time: 2022/03/24 09:06:55										
10	Zulu Time.: 2022/03/24 16:06:55										
11	Flight Number: 427										
12	Engine Hours.: 201.18 hrs										
13	Tach Time.....: 166.07 hrs										
14	Data Logging Interval: 0.3 sec										
15											
16	TIME	SEL TANK QTY	RPMLEFT; RPMRIGHT; RPM;***	MP;inHg	TEMP COI	FLOW;GPH	FLOW	ANN;GEGT1;*F	EGT2;*F		
39726	12:49:42 TOTAL :-0.00		2380 2380 2380		13.5	80	7.8	7.8 1457	1471		
39727	12:49:42 TOTAL :-0.00		2380 2380 2380		13.5	80	7.9	7.9 1456	1471		
39728	12:49:43 TOTAL :-0.00		2380 2370 2380		13.5	80	7.8	7.8 1458	1471		
39729	12:49:43 TOTAL :-0.00		2380 2370 2380		13.5	80	7.8	7.8 1458	1471		
39730	12:49:43 TOTAL :-0.00		2380 2380 2380		13.5	80	7.8	7.8 1458	1472		
39731	12:49:44 TOTAL :-0.00		2380 2380 2380		13.5	80	7.8	7.8 1458	1472		
39732	12:49:44 TOTAL :-0.00		2380 2400 2380		13.8	80	7.9	7.9 1459	1472		
39733	12:49:44 TOTAL :-0.00		2380 2390 2380		15.6	80	9	9 1461	1472		
39734	12:49:45 TOTAL :-0.00		2380 2390 2380		15.6	80	9	9 1461	1472		
39735	12:49:45 TOTAL :-0.00		2380 2360 2380		16.5	80	9.7	9.7 1462	1471		
39736	12:49:45 TOTAL :-0.00		2380 2380 2380		16.8	80	10.6	10.6 1462	1471		
39737	12:49:46 TOTAL :-0.00		2380 2380 2380		16.9	80	11.3	11.3 1461	1468		
39738	12:49:46 TOTAL :-0.00		2380 2380 2380		16.8	80	11	11 1459	1464		
39739	12:49:46 TOTAL :-0.00		2380 2350 2380		16.8	80	9.7	9.7 1456	1460		
39740	12:49:47 TOTAL :-0.00		2260 2260 2260		16.9	80	7.4	7.4 1452	1451		
39741	12:49:47 TOTAL :-0.00		2260 2250 2260		17.1	80	4.6	4.6 1442	1435		
39742	12:49:47 TOTAL :-0.00		2260 2250 2260		17.1	80	4.6	4.6 1442	1435		
39743	12:49:48 TOTAL :-0.00		2250 2250 2250		17.4	80	1	1 1408	1391		
39744	12:49:48 TOTAL :-0.00		2250 2250 2250		17.4	80	1	1 1408	1391		
39745	12:49:48 TOTAL :-0.00		2250 2240 2250		17.4	80	0.3	0.3 1386	1365		
39746	12:49:49 TOTAL :-0.00		2250 2230 2250		17.4	80	0.1	0.1 1361	1339		
39747	12:49:49 TOTAL :-0.00		2250 2210 2250		19.2	80	0	0 1335	1312		
39748	12:49:49 TOTAL :-0.00		2250 2200 2250		21.8	80	0	0 1309	1284		
39749	12:49:50 TOTAL :-0.00		2220 2190 2220		24.7	80	0	0 1281	1256		
39750	12:49:50 TOTAL :-0.00		2220 2190 2220		25.6	80	0	0 1253	1226		
39751	12:49:50 TOTAL :-0.00		2220 2190 2220		25.2	80	0	0 1225	1198		
39752	12:49:51 TOTAL :-0.00		2180 2180 2180		24.3	80	0	0 1198	1170		
39753	12:49:51 TOTAL :-0.00		2180 2180 2180		23.7	80	0	0 1170	1143		
39754	12:49:51 TOTAL :-0.00		2190 2160 2190		23.5	80	0	0 1142	1116		
39755	12:49:52 TOTAL :-0.00		2190 2150 2190		24.1	80	0	0 1115	1090		
39756	12:49:52 TOTAL :-0.00		2170 2140 2170		25	80	0	0 1089	1063		
39757	12:49:52 TOTAL :-0.00		2170 2140 2170		25	80	0	0 1089	1063		
39758	12:49:53 TOTAL :-0.00		2170 2130 2170		26	80	0	0 1061	1038		
39759	12:49:53 TOTAL :-0.00		2140 2110 2140		26.5	80	0	0 1036	1013		

Fuel Pressure

•15:49:39

Fuel Flow Drop

•15:49:44

	A	B	C	D	E	F	G	H	I	J	K
1	Electronics International Inc										
2	CGR-30C Power On Data Recording										
3	Aircraft ID.....: N111NW										
4	Unit ID.....: 10010586										
5	EDC Models.....: P-4-6-G										
6	SW Version.....: 1.2										
7	Tracking Number: 240										
8	Local Time: 2022/03/24 12:07:13										
9	Zulu Time.: 2022/03/24 19:07:13										
10	Log Number: 261										
11	Engine Hours: 0.0 hrs										
12	Tach Time: 0.0 hrs										
13	Data Logging Interval: 0.3 sec										
14											
15	TIME	RPMLEFT; RPMRIGHT; RPM;***	TEMP COMP;*F	T COMP2;*F	FUEL P;PSI	FUEL P	ANN; L FUEL;GAL	L FUEL	ANN; R FUEL;GAL		
39800	15:49:42	2380 2380 0	80	0	26	26	17.6	17.6	15.2		
39801	15:49:43	2380 2380 0	80	0	27	27	17.5	17.5	15.1		
39802	15:49:43	2380 2380 0	80	0	27	27	17.5	17.5	15.1		
39803	15:49:43	2380 2380 0	80	0	27	27	17.3	17.3	15.2		
39804	15:49:44	2380 2380 0	80	0	26	26	17.4	17.4	14.9		
39805	15:49:44	2380 2380 0	80	0	25	25	17.4	17.4	15		
39806	15:49:44	2380 2380 0	80	0	26	26	17.5	17.5	15.1		
39807	15:49:45	2380 2380 0	80	0	26	26	17.8	17.8	14.7		
39808	15:49:45	2380 2380 0	80	0	28	28	18	18	14.8		
39809	15:49:45	2380 2380 0	80	0	27	27	18.1	18.1	15.1		
39810	15:49:46	2380 2380 0	80	0	26	26	18.1	18.1	15.2		
39811	15:49:46	2380 2380 0	80	0	24	24	18.1	18.1	15.1		
39812	15:49:46	2380 2380 0	80	0	24	24	18.1	18.1	15.1		
39813	15:49:47	2380 2380 0	80	0	20	20	18	18	15.3		
39814	15:49:47	2380 2380 0	80	0	20	20	18	18	15.3		
39815	15:49:47	2380 2380 0	80	0	20	20	18	18	15.1		
39816	15:49:48	2380 2380 0	80	0	22	22	18.1	18.1	15.3		
39817	15:49:48	2380 2380 0	80	0	22	22	18.1	18.1	15.3		
39818	15:49:48	2380 2380 0	80	0	23	23	18	18	15.1		
39819	15:49:49	2380 2380 0	80	0	20	20	17.8	17.8	15.4		
39820	15:49:49	2380 2380 0	80	0	17	17	17.8	17.8	15.4		
39821	15:49:50	2380 2380 0	80	0	13	13	17.7	17.7	15.2		
39822	15:49:50	2380 2380 0	80	0	8	8	17.7	17.7	15.2		
39823	15:49:50	2380 2380 0	80	0	7	7	17.9	17.9	15.2		
39824	15:49:51	2380 2380 0	80	0	7	7	18	18	15.1		
39825	15:49:51	2380 2380 0	80	0	8	8	18.3	18.3	15.1		
39826	15:49:51	2380 2380 0	80	0	10	10	18.5	18.5	15.2		
39827	15:49:52	2380 2380 0	80	0	11	11	18.4	18.4	15.4		
39828	15:49:52	2380 2380 0	80	0	9	9	18.4	18.4	15.4		
39829	15:49:52	2380 2380 0	80	0	9	9	18.4	18.4	15.4		
39830	15:49:53	2380 2380 0	80	0	6	6	19	19	15.2		
39831	15:49:53	2380 2380 0	80	0	4	4	19.3	19.3	15.1		
39832	15:49:53	2380 2380 0	80	0	4	4	19.3	19.3	15.1		
39833	15:49:54	2260 2260 0	80	0	2	2	18.6	18.6	15.1		
39834	15:49:54	2260 2260 0	80	0	2	2	18.6	18.6	15.1		
39835	15:49:54	2260 2260 0	80	0	2	2	18.3	18.3	14.9		
39836	15:49:55	2250 2250 0	80	0	2	2	17.8	17.8	14.4		



Figure 5-Accident flight data, last 4 minutes.

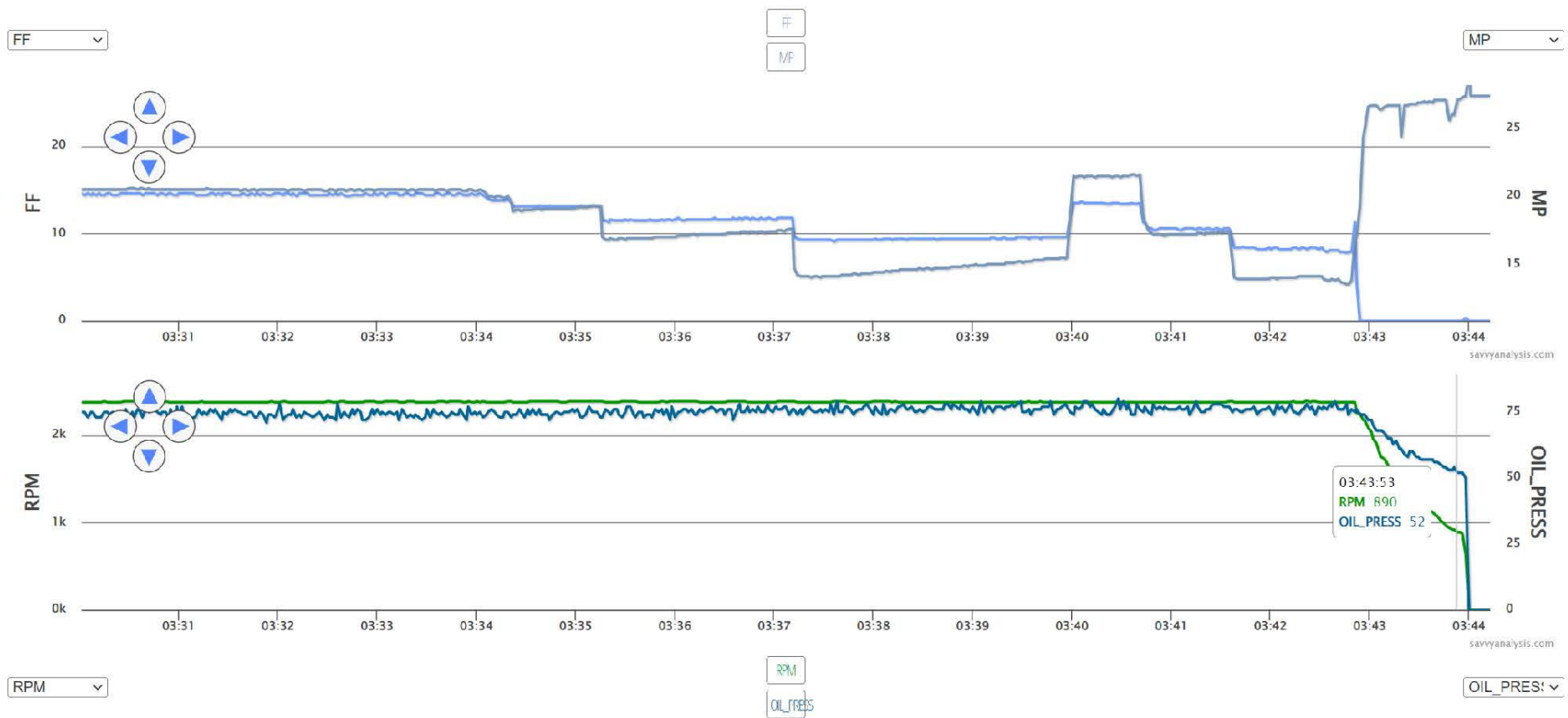


Figure 4-Accident flight data, last 15 minutes.



Figure 3-Accident flight data-fuel flow, manifold pressure.

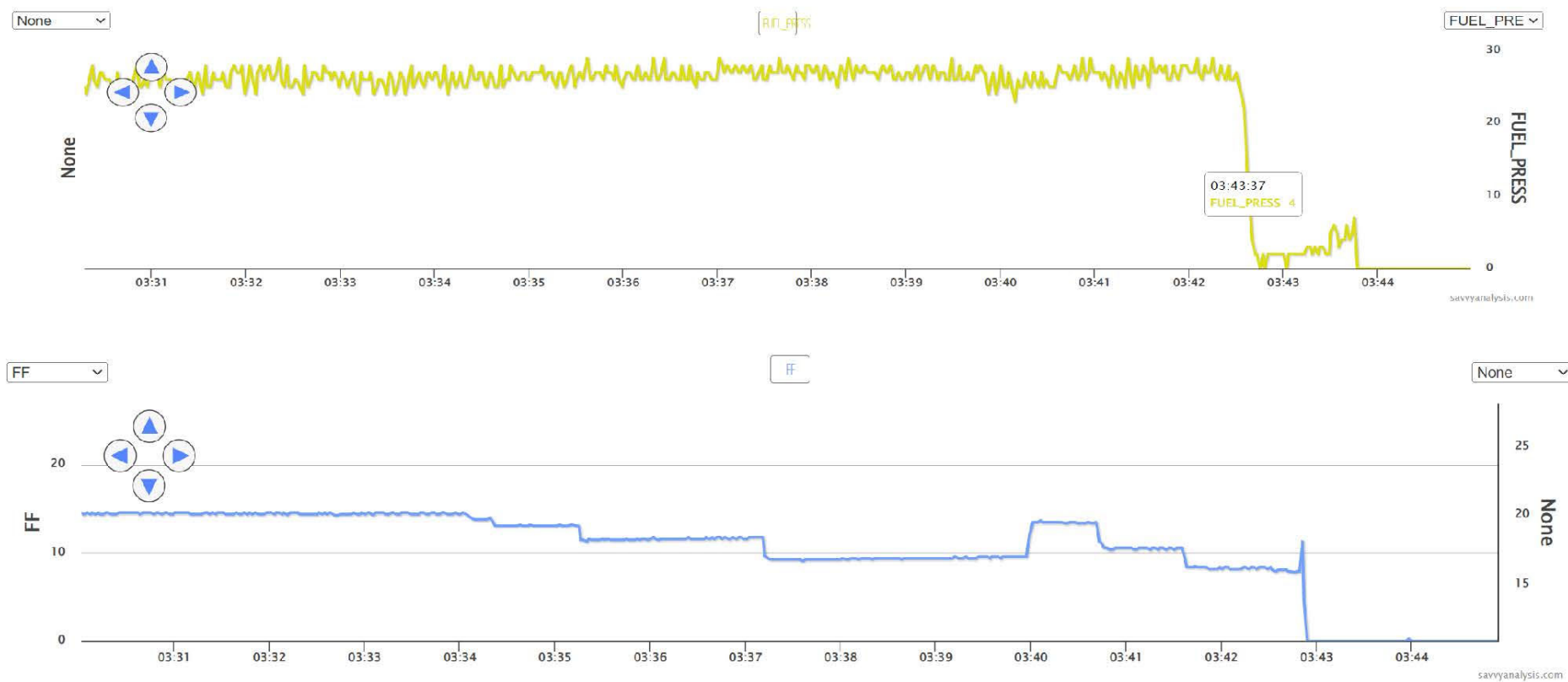


Figure 2-Accident flight data-last 15 minutes of fuel pressure and fuel flow.

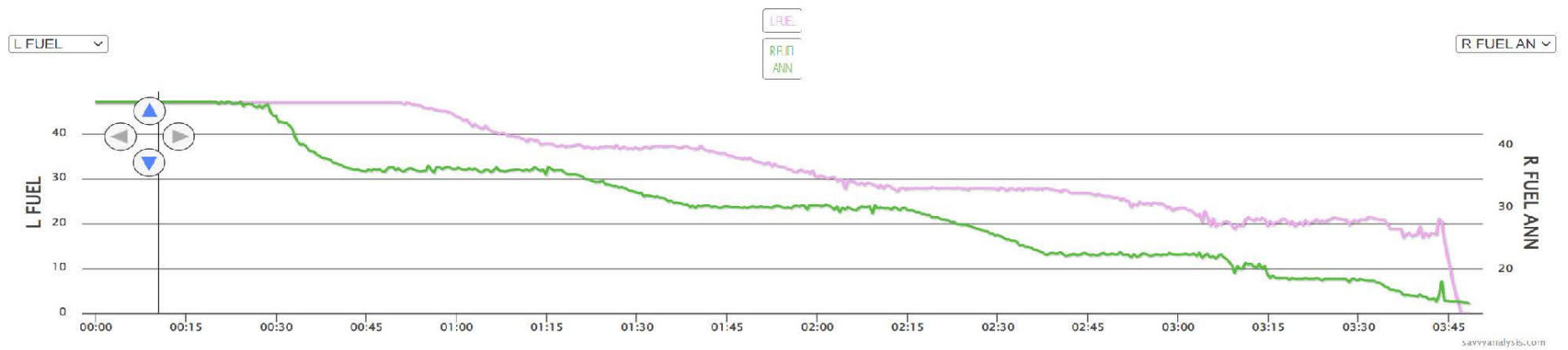


Figure 1-Accident flight data-fuel tank quantities.