

# RAINMAKER

## Vehicle Risk Analysis

### Vehicle Risk Analysis Report

Vehicles ranked by composite risk score (vibration + motor stress).

#### Vehicle Risk Rankings

Rank	Vehicle	Risk Score	Vib	Motor	Fatigue	High Vib %	Sat %	Peak Events	Clipping Events	Flight Time (min)	Logs
1	EL-053	4.68	0.97	3.22	0.49	3.5%	15.9%	43	134	163.4	10
2	EL-039	4.10	0.71	0.03	3.36	2.3%	0.1%	154	8953	719.9	48
3	EL-067	4.03	1.87	1.24	0.92	8.2%	5.4%	93	0	109.5	7
4	EL-020	3.63	0.43	0.10	3.10	1.3%	0.5%	0	327	26.5	16
5	EL-051	2.65	1.39	0.12	1.14	5.8%	0.5%	567	1072	774.9	114
6	EL-050	2.46	0.96	0.00	1.50	3.5%	0.0%	32	656	132.9	19
7	EL-066	2.36	1.28	0.19	0.89	5.8%	0.8%	178	0	216.3	16
8	EL-065	2.26	0.84	0.11	1.31	3.3%	0.5%	114	680	224.7	15
9	EL-031	1.85	0.64	0.03	1.18	2.4%	0.1%	54	503	157.5	34
10	EL-060	1.60	1.33	0.01	0.26	5.1%	0.0%	9	0	37.4	2
11	EL-073	1.21	0.75	0.01	0.46	3.1%	0.0%	27	12	70.6	21
12	EL-026	1.21	1.13	0.01	0.07	3.5%	0.0%	2	0	29.3	5
13	EL-022	1.21	0.35	0.30	0.55	0.7%	1.5%	1	89	42.4	16
14	EL-076	0.98	0.63	0.02	0.33	2.4%	0.1%	176	52	615.4	27
15	EL-062	0.94	0.65	0.13	0.17	1.4%	0.6%	2	59	102.5	13
16	EL-056	0.94	0.89	0.00	0.05	2.8%	0.0%	3	0	61.0	4
17	EL-046	0.87	0.68	0.01	0.17	2.3%	0.0%	102	0	636.3	116
18	EL-070	0.86	0.75	0.00	0.11	2.0%	0.0%	22	0	208.5	10
19	EL-041	0.85	0.79	0.01	0.05	2.4%	0.0%	2	0	42.8	17
20	EL-045	0.83	0.69	0.00	0.14	2.3%	0.0%	48	0	381.2	42
21	EL-048	0.82	0.56	0.00	0.25	1.6%	0.0%	25	141	247.5	29
22	EL-054	0.79	0.57	0.00	0.22	1.4%	0.0%	16	108	202.3	9
23	EL-038	0.77	0.43	0.01	0.33	1.2%	0.0%	2	121	98.2	18
24	EL-044	0.68	0.59	0.00	0.09	2.0%	0.0%	2	0	23.9	16

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25	EL-040	0.68	0.54	0.00	0.13	1.8%	0.0%	141	46	1228.7	88
26	EL-077	0.60	0.57	0.00	0.02	1.6%	0.0%	1	0	47.0	4
27	EL-068	0.59	0.50	0.00	0.09	1.1%	0.0%	3	11	67.4	6
28	EL-047	0.57	0.53	0.00	0.04	1.6%	0.0%	3	0	78.6	9
29	EL-034	0.54	0.37	0.01	0.17	1.0%	0.0%	10	89	198.9	41
30	EL-058	0.53	0.53	0.00	0.00	0.9%	0.0%	0	0	67.6	3
31	EL-043	0.52	0.47	0.00	0.04	1.3%	0.0%	12	0	304.8	28
32	EL-019	0.47	0.37	0.06	0.04	1.1%	0.3%	1	4	52.0	34
33	EL-052	0.45	0.45	0.00	0.00	0.6%	0.0%	0	0	14.0	1
34	EL-083	0.43	0.43	0.00	0.01	0.8%	0.0%	3	0	423.2	19
35	EL-074	0.40	0.40	0.00	0.00	1.6%	0.0%	0	0	1.0	1
36	EL-027	0.38	0.37	0.01	0.00	1.3%	0.0%	0	0	1.3	2
37	EL-072	0.35	0.26	0.01	0.09	0.8%	0.0%	9	0	108.8	7
38	EL-018	0.26	0.26	0.00	0.00	0.4%	0.0%	0	0	4.2	7
39	EL-069	0.26	0.26	0.00	0.00	0.4%	0.0%	0	0	146.2	9
40	EL-017	0.24	0.24	0.00	0.00	0.4%	0.0%	0	0	46.6	32
41	EL-049	0.20	0.17	0.00	0.03	0.1%	0.0%	1	0	35.7	11
42	EL-071	0.16	0.16	0.00	0.00	0.3%	0.0%	0	0	68.1	5
43	EL-028	0.08	0.08	0.00	0.00	0.0%	0.0%	0	0	118.9	27
44	EL-059	0.01	0.01	0.00	0.00	0.0%	0.0%	0	0	39.6	3
45	EL-042	0.00	0.00	0.00	0.00	0.0%	0.0%	0	0	17.8	18
46	EL-023	0.00	0.00	0.00	0.00	0.0%	0.0%	0	0	0.3	1