

RAINMAKER

Elijah Flight Analytics

PX4 ULog Report

- Total vehicles: 46
- Total logs processed: 980

Vehicles

- Vehicles in report: EL-017, EL-018, EL-019, EL-020, EL-022, EL-023, EL-026, EL-027, EL-028, EL-031, EL-034, EL-038, EL-039, EL-040, EL-041, EL-042, EL-043, EL-044, EL-045, EL-046, EL-047, EL-048, EL-049, EL-050, EL-051, EL-052, EL-053, EL-054, EL-056, EL-058, EL-059, EL-060, EL-062, EL-065, EL-066, EL-067, EL-068, EL-069, EL-070, EL-071, EL-072, EL-073, EL-074, EL-076, EL-077, EL-083

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Vehicle EL-017

- Logs processed: 32

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.2	0.0	0.0
Motor 3	0.1	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.3
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	33.7	72.4%
30–50 m/s ²	10.9	23.4%
50–70 m/s ²	1.7	3.7%
> 70 m/s ²	0.2	0.4%
Total tracked	46.6	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-018

- Logs processed: 7

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	2.9	69.3%
30–50 m/s ²	1.1	25.9%
50–70 m/s ²	0.2	4.4%
> 70 m/s ²	0.0	0.4%
Total tracked	4.2	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-019

- Logs processed: 34

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.1	0.1	0.1
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.2
≥ 0.9	0.2
≥ 1	0.1

Accel bin	Time (min)	Share
< 30 m/s ²	38.9	74.8%
30–50 m/s ²	10.3	19.8%
50–70 m/s ²	2.2	4.3%
> 70 m/s ²	0.6	1.1%
Total tracked	52.0	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	1 count
Accel clipping time	0.00 s
Accel clipping events	4 count

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Vehicle EL-020

- Logs processed: 16

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.1	0.1	0.1
Motor 2	0.2	0.1	0.1
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.3
≥ 0.9	0.2
≥ 1	0.1

Accel bin	Time (min)	Share
< 30 m/s ²	18.9	71.2%
30–50 m/s ²	6.0	22.7%
50–70 m/s ²	1.3	4.8%
> 70 m/s ²	0.3	1.3%
Total tracked	26.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	327 count

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Vehicle EL-022

- Logs processed: 16

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.1	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.7	0.7	0.6

Threshold	Total time (min)
≥ 0.8	0.8
≥ 0.9	0.7
≥ 1	0.6

Accel bin	Time (min)	Share
< 30 m/s ²	28.8	67.9%
30–50 m/s ²	11.1	26.1%
50–70 m/s ²	2.2	5.3%
> 70 m/s ²	0.3	0.7%
Total tracked	42.4	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	1 count
Accel clipping time	0.00 s
Accel clipping events	89 count

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Vehicle EL-023

- Logs processed: 1

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	0.3	100.0%
30–50 m/s ²	0.0	0.0%
50–70 m/s ²	0.0	0.0%
> 70 m/s ²	0.0	0.0%
Total tracked	0.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-026

- Logs processed: 5

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.1	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	14.2	48.6%
30–50 m/s ²	10.3	35.1%
50–70 m/s ²	3.8	12.8%
> 70 m/s ²	1.0	3.5%
Total tracked	29.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	2 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-027

- Logs processed: 2

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	1.1	85.0%
30–50 m/s ²	0.1	10.0%
50–70 m/s ²	0.1	3.8%
> 70 m/s ²	0.0	1.3%
Total tracked	1.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-028

- Logs processed: 27

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	95.2	80.0%
30–50 m/s ²	21.8	18.4%
50–70 m/s ²	1.9	1.6%
> 70 m/s ²	0.0	0.0%
Total tracked	118.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-031

- Logs processed: 34

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.1	0.1	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.7	0.3	0.2
Motor 3	0.2	0.0	0.0

Threshold	Total time (min)
≥ 0.8	1.0
≥ 0.9	0.4
≥ 1	0.2

Accel bin	Time (min)	Share
< 30 m/s ²	103.8	65.9%
30–50 m/s ²	40.7	25.8%
50–70 m/s ²	9.1	5.8%
> 70 m/s ²	3.8	2.4%
Total tracked	157.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	54 count
Accel clipping time	0.00 s
Accel clipping events	503 count

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Vehicle EL-034

- Logs processed: 41

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.1
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	143.9	72.4%
30–50 m/s ²	43.7	22.0%
50–70 m/s ²	9.4	4.7%
> 70 m/s ²	1.9	1.0%
Total tracked	198.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	10 count
Accel clipping time	0.00 s
Accel clipping events	89 count

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Vehicle EL-038

- Logs processed: 18

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	71.5	72.8%
30–50 m/s ²	20.2	20.6%
50–70 m/s ²	5.3	5.4%
> 70 m/s ²	1.1	1.2%
Total tracked	98.2	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	2 count
Accel clipping time	0.00 s
Accel clipping events	121 count

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Vehicle EL-039

- Logs processed: 48

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.4	0.2	0.1
Motor 1	1.5	0.7	0.4
Motor 2	0.4	0.2	0.1
Motor 3	0.8	0.5	0.3

Threshold	Total time (min)
≥ 0.8	3.2
≥ 0.9	1.6
≥ 1	0.8

Accel bin	Time (min)	Share
< 30 m/s ²	462.7	64.3%
30–50 m/s ²	185.6	25.8%
50–70 m/s ²	54.8	7.6%
> 70 m/s ²	16.9	2.3%
Total tracked	719.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	154 count
Accel clipping time	0.00 s
Accel clipping events	8953 count

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Vehicle EL-040

- Logs processed: 88

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	841.2	68.5%
30–50 m/s ²	294.1	23.9%
50–70 m/s ²	71.3	5.8%
> 70 m/s ²	22.2	1.8%
Total tracked	1228.7	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	141 count
Accel clipping time	0.00 s
Accel clipping events	46 count

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Vehicle EL-041

- Logs processed: 17

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	27.3	63.8%
30–50 m/s ²	10.5	24.6%
50–70 m/s ²	4.0	9.3%
> 70 m/s ²	1.0	2.4%
Total tracked	42.8	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	2 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-042

- Logs processed: 18

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	17.8	100.0%
30–50 m/s ²	0.0	0.0%
50–70 m/s ²	0.0	0.0%
> 70 m/s ²	0.0	0.0%
Total tracked	17.8	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Elijah Flight Analytics

Vehicle EL-043

- Logs processed: 28

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	203.6	66.8%
30–50 m/s ²	79.0	25.9%
50–70 m/s ²	18.3	6.0%
> 70 m/s ²	3.9	1.3%
Total tracked	304.8	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	12 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Elijah Flight Analytics

Vehicle EL-044

- Logs processed: 16

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	16.4	68.5%
30–50 m/s ²	5.6	23.2%
50–70 m/s ²	1.5	6.3%
> 70 m/s ²	0.5	2.0%
Total tracked	23.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	2 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-045

- Logs processed: 42

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.7	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.8
≥ 0.9	0.1
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	252.3	66.2%
30–50 m/s ²	92.4	24.2%
50–70 m/s ²	27.7	7.3%
> 70 m/s ²	8.8	2.3%
Total tracked	381.2	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	48 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-046

- Logs processed: 116

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.4	0.1	0.1
Motor 1	2.5	0.9	0.2
Motor 2	0.1	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	3.0
≥ 0.9	1.0
≥ 1	0.2

Accel bin	Time (min)	Share
< 30 m/s ²	428.5	67.3%
30–50 m/s ²	148.3	23.3%
50–70 m/s ²	44.7	7.0%
> 70 m/s ²	14.8	2.3%
Total tracked	636.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	102 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-047

- Logs processed: 9

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	53.4	68.0%
30–50 m/s ²	19.1	24.3%
50–70 m/s ²	4.9	6.2%
> 70 m/s ²	1.3	1.6%
Total tracked	78.6	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	3 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-048

- Logs processed: 29

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	159.5	64.5%
30–50 m/s ²	66.8	27.0%
50–70 m/s ²	17.3	7.0%
> 70 m/s ²	3.9	1.6%
Total tracked	247.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	25 count
Accel clipping time	0.00 s
Accel clipping events	141 count

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Vehicle EL-049

- Logs processed: 11

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	27.4	76.6%
30–50 m/s ²	7.1	20.0%
50–70 m/s ²	1.2	3.2%
> 70 m/s ²	0.1	0.1%
Total tracked	35.7	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	1 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-050

- Logs processed: 19

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	76.8	57.8%
30–50 m/s ²	39.2	29.5%
50–70 m/s ²	12.2	9.2%
> 70 m/s ²	4.6	3.5%
Total tracked	132.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	32 count
Accel clipping time	0.00 s
Accel clipping events	656 count

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Vehicle EL-051

- Logs processed: 114

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	3.2	2.2	1.6
Motor 1	3.0	1.0	0.7
Motor 2	2.7	1.7	1.1
Motor 3	3.6	1.4	0.8

Threshold	Total time (min)
≥ 0.8	12.4
≥ 0.9	6.3
≥ 1	4.2

Accel bin	Time (min)	Share
< 30 m/s ²	441.0	56.9%
30–50 m/s ²	204.6	26.4%
50–70 m/s ²	84.3	10.9%
> 70 m/s ²	44.9	5.8%
Total tracked	774.9	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	567 count
Accel clipping time	0.00 s
Accel clipping events	1072 count

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Vehicle EL-052

- Logs processed: 1

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	7.7	55.1%
30–50 m/s ²	5.1	36.6%
50–70 m/s ²	1.1	7.8%
> 70 m/s ²	0.1	0.6%
Total tracked	14.0	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-053

- Logs processed: 10

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	24.3	24.3	24.3
Motor 1	0.0	0.0	0.0
Motor 2	1.9	1.6	1.0
Motor 3	1.7	1.4	0.7

Threshold	Total time (min)
≥ 0.8	28.0
≥ 0.9	27.3
≥ 1	26.0

Accel bin	Time (min)	Share
< 30 m/s ²	93.0	56.9%
30–50 m/s ²	49.6	30.4%
50–70 m/s ²	15.0	9.2%
> 70 m/s ²	5.8	3.5%
Total tracked	163.4	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	43 count
Accel clipping time	0.00 s
Accel clipping events	134 count

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Vehicle EL-054

- Logs processed: 9

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	125.9	62.3%
30–50 m/s ²	57.8	28.6%
50–70 m/s ²	15.8	7.8%
> 70 m/s ²	2.8	1.4%
Total tracked	202.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	16 count
Accel clipping time	0.00 s
Accel clipping events	108 count

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Vehicle EL-056

- Logs processed: 4

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	37.2	61.0%
30–50 m/s ²	16.1	26.3%
50–70 m/s ²	6.0	9.9%
> 70 m/s ²	1.7	2.8%
Total tracked	61.0	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	3 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-058

- Logs processed: 3

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	36.0	53.3%
30–50 m/s ²	25.3	37.5%
50–70 m/s ²	5.7	8.4%
> 70 m/s ²	0.6	0.9%
Total tracked	67.6	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-059

- Logs processed: 3

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	36.7	92.8%
30–50 m/s ²	2.8	7.1%
50–70 m/s ²	0.0	0.1%
> 70 m/s ²	0.0	0.0%
Total tracked	39.6	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-060

- Logs processed: 2

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.1	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	20.8	55.6%
30–50 m/s ²	10.3	27.5%
50–70 m/s ²	4.4	11.8%
> 70 m/s ²	1.9	5.1%
Total tracked	37.4	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	9 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-062

- Logs processed: 13

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.1	0.0	0.0
Motor 3	1.7	0.7	0.6

Threshold	Total time (min)
≥ 0.8	1.8
≥ 0.9	0.8
≥ 1	0.6

Accel bin	Time (min)	Share
< 30 m/s ²	55.8	54.5%
30–50 m/s ²	35.6	34.8%
50–70 m/s ²	9.6	9.3%
> 70 m/s ²	1.4	1.4%
Total tracked	102.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	2 count
Accel clipping time	0.00 s
Accel clipping events	59 count

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Vehicle EL-065

- Logs processed: 15

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.2	0.1	0.0
Motor 1	0.0	0.0	0.0
Motor 2	1.3	1.1	1.0
Motor 3	0.7	0.2	0.1

Threshold	Total time (min)
≥ 0.8	2.2
≥ 0.9	1.4
≥ 1	1.1

Accel bin	Time (min)	Share
< 30 m/s ²	136.2	60.6%
30–50 m/s ²	65.0	28.9%
50–70 m/s ²	16.0	7.1%
> 70 m/s ²	7.5	3.3%
Total tracked	224.7	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	114 count
Accel clipping time	0.00 s
Accel clipping events	680 count

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Vehicle EL-066

- Logs processed: 16

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.2	0.1	0.0
Motor 1	2.9	0.9	0.3
Motor 2	0.6	0.4	0.4
Motor 3	4.2	1.8	1.0

Threshold	Total time (min)
≥ 0.8	7.9
≥ 0.9	3.2
≥ 1	1.6

Accel bin	Time (min)	Share
< 30 m/s ²	131.0	60.6%
30–50 m/s ²	54.4	25.2%
50–70 m/s ²	18.3	8.4%
> 70 m/s ²	12.6	5.8%
Total tracked	216.3	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	178 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-067

- Logs processed: 7

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.6	0.1	0.0
Motor 1	4.8	1.6	0.5
Motor 2	1.0	0.3	0.0
Motor 3	14.1	7.6	5.3

Threshold	Total time (min)
≥ 0.8	20.4
≥ 0.9	9.5
≥ 1	5.9

Accel bin	Time (min)	Share
< 30 m/s ²	52.0	47.5%
30–50 m/s ²	34.0	31.1%
50–70 m/s ²	14.5	13.2%
> 70 m/s ²	9.0	8.2%
Total tracked	109.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	93 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-068

- Logs processed: 6

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	38.6	57.3%
30–50 m/s ²	23.3	34.6%
50–70 m/s ²	4.7	7.0%
> 70 m/s ²	0.8	1.1%
Total tracked	67.4	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	3 count
Accel clipping time	0.00 s
Accel clipping events	11 count

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Vehicle EL-069

- Logs processed: 9

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	100.1	68.5%
30–50 m/s ²	39.4	27.0%
50–70 m/s ²	6.1	4.2%
> 70 m/s ²	0.6	0.4%
Total tracked	146.2	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-070

- Logs processed: 10

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.1	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.2
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	121.1	58.1%
30–50 m/s ²	63.5	30.4%
50–70 m/s ²	19.8	9.5%
> 70 m/s ²	4.2	2.0%
Total tracked	208.5	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	22 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-071

- Logs processed: 5

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	52.6	77.3%
30–50 m/s ²	13.6	19.9%
50–70 m/s ²	1.7	2.5%
> 70 m/s ²	0.2	0.3%
Total tracked	68.1	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-072

- Logs processed: 7

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.1	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.1
≥ 0.9	0.1
≥ 1	0.1

Accel bin	Time (min)	Share
< 30 m/s ²	79.9	73.4%
30–50 m/s ²	24.9	22.8%
50–70 m/s ²	3.3	3.0%
> 70 m/s ²	0.8	0.8%
Total tracked	108.8	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	9 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-073

- Logs processed: 21

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.3	0.1	0.0

Threshold	Total time (min)
≥ 0.8	0.3
≥ 0.9	0.1
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	49.1	69.5%
30–50 m/s ²	15.1	21.4%
50–70 m/s ²	4.3	6.1%
> 70 m/s ²	2.2	3.1%
Total tracked	70.6	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	27 count
Accel clipping time	0.00 s
Accel clipping events	12 count

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Vehicle EL-074

- Logs processed: 1

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	0.9	88.5%
30–50 m/s ²	0.1	6.6%
50–70 m/s ²	0.0	3.3%
> 70 m/s ²	0.0	1.6%
Total tracked	1.0	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	0 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-076

- Logs processed: 27

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	1.0	0.4	0.2
Motor 3	1.2	0.5	0.3

Threshold	Total time (min)
≥ 0.8	2.1
≥ 0.9	1.0
≥ 1	0.5

Accel bin	Time (min)	Share
< 30 m/s ²	417.9	67.9%
30–50 m/s ²	147.8	24.0%
50–70 m/s ²	35.0	5.7%
> 70 m/s ²	14.7	2.4%
Total tracked	615.4	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	176 count
Accel clipping time	0.00 s
Accel clipping events	52 count

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Vehicle EL-077

- Logs processed: 4

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	31.9	67.9%
30–50 m/s ²	11.0	23.4%
50–70 m/s ²	3.3	7.1%
> 70 m/s ²	0.7	1.6%
Total tracked	47.0	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	1 count
Accel clipping time	0.00 s
Accel clipping events	0 count

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Vehicle EL-083

- Logs processed: 19

Motor	≥ 0.8 of max output (min)	≥ 0.9 of max output (min)	≥ 1 of max output (min)
Motor 0	0.0	0.0	0.0
Motor 1	0.0	0.0	0.0
Motor 2	0.0	0.0	0.0
Motor 3	0.0	0.0	0.0

Threshold	Total time (min)
≥ 0.8	0.0
≥ 0.9	0.0
≥ 1	0.0

Accel bin	Time (min)	Share
< 30 m/s ²	272.0	64.3%
30–50 m/s ²	119.9	28.3%
50–70 m/s ²	28.0	6.6%
> 70 m/s ²	3.4	0.8%
Total tracked	423.2	100.0%

Fatigue Metric	Value
Peak accel events (>100 m/s ²)	3 count
Accel clipping time	0.00 s
Accel clipping events	0 count