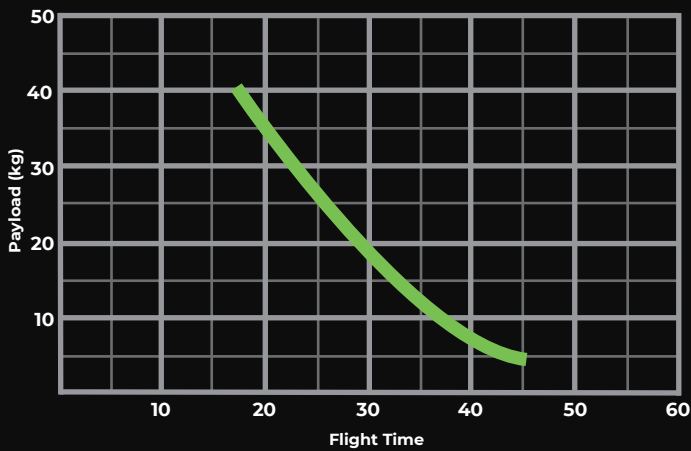


A HARRIS AERIAL



H6HL

40+ kg Max Payload • 45 Minute Flight Time • 120Ah Capacity
 Compact Foldable Airframe • Automated Payload Release



The Harris Aerial Carrier H6 HL is a unique heavy life platform with exceptional stability, endurance, and payload capacity. The H6 HL is NDA compliant and perfectly suited for DoD, Government, and Commercial sectors, integrating a wide range of payloads utilized in a wide range of today's unmanned missions. The H6 HL was designed in-house and machined at our manufacturing facility by our team of engineers who enable us to prototype, test, validate and bring to market enhancements at a pace unprecedented in the UAS industry.



C-NAVIGATOR

- Handheld
- Touchscreen
- HD Real-Time Video
- Low Latency
- NDA Compliant

GCS OPTIONS



C-GCS

- 12 Channel Functionality
- Sunlight Viewable Display
- 2-AXIS Payload & Gimbal Controls
- 6-POS/3-POS/2-POS/Guarded
- Button/Rotary
- NDA Compliant

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H6HL

GENERAL

Maximum Takeoff Weight	209.4 lb 95 kg	Flight Modes	GPS LOITER ALTITUDE HOLD FULLY AUTONOMOUS
Empty Weight	121.3 lb 55 kg	Radio Frequencies	2.4 GHz (ISM) 902-928 MHz
Max Payload	88.2 lb 40 kg	System Architecture	Open Source (Cube 2.1)
Flight Time	45 min. (No Payload)	GPS	Dual RTK GNSS
Max Speed	33.6 mph 15 m/s	Payload Mounting	Dampened Modular Quik-Release
Max Vertical Speed	5.6mph 2.5 m/s	Weather Rating	(IP43)
Max Lean Angle	30 degrees	Flight Safety Systems	Radio Connectivity Monitoring, Battery Voltage Amperage Monitoring
Dimension (Unfolded)	Prop Tip to Tip: 3167 mm / 125" Height (Customizable): 700 mm / 27.6"	Dimensions Transport Case	Length 1170 mm / 46" Width: 1170 mm / 46" Height: 545 mm / 21.5"

BATTERY

Battery Type	6S1P Lipo (8xBatteries)	Battery Capacity	120,000 mAh
Peak Battery Voltage	50.4 V	Battery Life Cycle	250 Flights
Nominal Battery Voltage	44.4 V	Battery Connector	AS150U-F(Anti-Spark)
Auxiliary Power	12 V, 24 V, 48 V Power Ports	Safety Features	Battery Voltage & Amperage Monitoring

OPERATIONAL & ENVIRONMENTAL

Operation Table	-20°C to 49°C 4°F to 120°F	Service Ceiling AMSL	12,000 ft 3658 m (Payload Dependant)
Max Operational Wind Speed	25 mph 11 m/s	Service Ceiling AGL	400 ft 122 m (FAA Limited)

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