



Hylio AG-116 Spec Sheet - Imperial

Flight Parameters	
Total Weight (without batteries)	35.1 lb
Max Recommended Takeoff Weight	131.4 lb
Max Thrust	202.2 lb
Max Operating Speed	22 mph
Max Flight Speed	40 mph
Hover Time	50 min (at 49.3 lb TO weight)
	14 min (at 86.9 lb TO weight)
Propulsion System	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Hexacopter - X
Operating Voltage	12s
Battery	1 x 16000 mAh 12S (44.4V) LiPo Battery
	10.3 lb/battery
Aircraft Frame	
Wheelbase	67 in
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	67x59x24 in (arms unfolded, no propellers)
	35x42x24 in (arms folded, no propellers)
Spray System	
Standard Payload	35 lb, 4.5 gallon
Configuration	2 Pumps, 1 Tank, 1 Flowmeter, 4 nozzles on 6ft boom
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 65 PSI
Flow Rate (no nozzle max)	0.2 – 2.2 Gal/min
Flow Rate (with recommended nozzle TT11001)	1.13 Gal/min
Spray Width	15-25 feet
Flight Control	
Flight Modes	Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC)
Operating Frequencies	902 – 928 MHz, 2.4 GHz
Ground Station Control Software	Hylio Agrosol
Max Transmission Range	~1 mile (5+ unobstructed)