



# Hylio AG-116 Spec Sheet - Imperial

<b>Flight Parameters</b>	
Total Weight (without batteries)	39 lb
Max Recommended Takeoff Weight	105 lb
Max Thrust	202.2 lb
Max Operating Speed	22 mph
Max Flight Speed	40 mph
<b>Propulsion System</b>	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Hexacopter - X
Operating Voltage	12s
Battery	1 x 22000 mAh 12S (44.4V) LiPo Battery
	13.4 lb/battery
<b>Aircraft Frame</b>	
Wheelbase	67 in
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	67x59x24 in (arms unfolded, no propellers)
	35x42x24 in (arms folded, no propellers)
<b>Spray System</b>	
Standard Payload	35 lb, 4.5 gallon
Configuration	1 Pumps, 1 Tank, 1 Flowmeter, 6 nozzles on 6ft boom
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 65 PSI
Flow Rate (no nozzle max)	0.1 – 1.8 Gal/min
Flow Rate (with recommended nozzle TT11001)	0.95 Gal/min
Spray Width	15-25 feet
<b>Flight Control</b>	
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)