



# Hylio AG-122 Spec Sheet - Imperial

<b>Flight Parameters</b>	
Total Weight (without batteries)	61.3 lb
Max Recommended Takeoff Weight	175.3 lb
Max Thrust	269.6 lb
Max Operating Speed	22 mph
Max Flight Speed	40 mph
Hover Time	50 min (at 82 lb TO weight)
	14 min (at 121 lb TO weight)
<b>Propulsion System</b>	
Motor KV	100 rpm/V
Foldable Propeller	30x9.0 in
Configuration	Octocopter
Operating Voltage	12s
Battery	2 x 16000 mAh 12S (44.4V) LiPo Batteries
	10.3 lb/battery
<b>Aircraft Frame</b>	
Wheelbase	83.5 in
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	81x81x25 in (arms unfolded, no propellers)
	44x44x25 in (arms folded, no propellers)
<b>Spray System</b>	
Standard Payload	48 lb, 5.8 gallon
Configuration	2 Pumps, 2 Tanks, 2 Flowmeters, 8 nozzles underneath rotors
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 65 PSI per pump
Flow Rate (no nozzle max)	0.2 – 2.2 Gal/min
Flow Rate (with recommended nozzle TT11001)	1.13 Gal/min
Spray Width	25-30 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)