

AOS UAV Description

Design is high wing, twin boom, rear engine with pusher propeller, inverted V-tail. Construction is wood, composite and foam utilizing standard high-torque RC servos for control. The engine is a Honda GX-50cc 4-stroke running on gasoline.



Flight Control:	R/C
Empty Weight:	35 lbs.
Gross Weight:	57 lbs.
Wing Span:	10'-1"
Wing Area:	2424 in²
Overall Length:	11'-2"
Overall Height:	28.5 in
*Cruise Speed:	55-65 knots
*Stall Speed:	20 knots
*Endurance:	90 minutes
*Take Off:	300 ft

*** At Gross Weight at Sea Level**