



NAME: StingRay V100

Platform Overview

Diamondwing Stealthy, hi-power-ducted fan platform.

Design Features

Diamond wing aircraft designed as a low observable target. Single engine bungee or geared launch. Wing is cambered for on-condition operation. Platform has canted V-tail. Recovery is to belly land or geared landing. V200 has a larger wingspan and great aspect ratio to allow for greater flight times.

V100 Dimensions

Wingspan	52.52 Inches	4.38 Ft
Length	75.04 Inches	6.25 Ft
Max Gross Weight	11 lbs	
Payload/batt Weight	2 lbs	

V100 Performance Specs(Max Gross)

Endurance	6 minutes
Vel_Max Range	36 knots
Vel_Max Endurance	32 Knots

V100 Dimensions

Wingspan	74.2740509 Inches	6.19 Ft
Length	47.24 Inches	3.94 Ft
Max Gross Weight	4 lbs	
Payload/batt Weight	1.25	

Payload Bay Specs-All Aircraft

Depth	6.00 Inches
Width	10.41 Inches
Length	46.26 Inches