

Quad-Biplane Concept Illustration

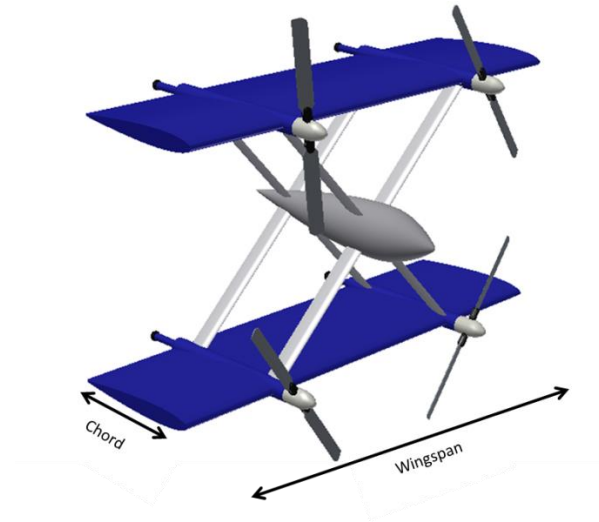


Figure 1 – Illustration of Quad-Biplane Concept

All Electric Quad-Biplane Specifications

Class 1 Quad-Biplane Specifications		Class 2 Quad-Biplane Specifications	
Quad-Biplane Design Parameter	Expected Dimension	Quad-Biplane Design Parameter	Expected Dimension
Wingspan	2 feet	Wingspan	8 feet
Wing chord	7 inches	Wing chord	20 inches
Airfoil type	SD7080	Airfoil type	SD7080
Weight	5 lbs	Weight	55 lbs
Battery capacity	120 W-hr	Battery capacity	1420 W-hr
Propellers type	6" dia. x 4.5" pitch	Propellers type	27.5" dia. x 8.9" pitch
Cruise Endurance	1 hour	Cruise Endurance	2 hours
Hover Endurance	10 minutes	Hover Endurance	20 minutes