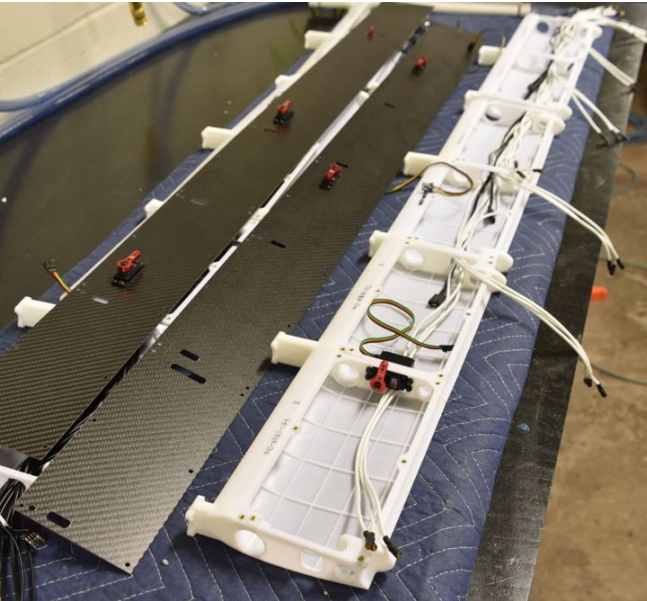


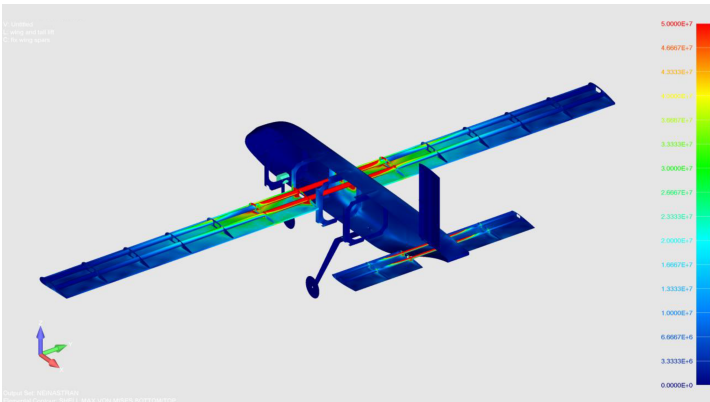
Testing The Aircraft



DARcorporation developed a Hover Test Bed (HTB) vehicle to validate the hover characteristics of the MAVRIK DEP layout. The HTB is a simplified beam structure with motors positioned in the same layout as the 14 motor MAVRIK configuration.

Tether testing of the HTB confirmed the control scheme and allowed DARcorporation engineers to fine tune the flight controller gains before testing the actual MAVRIK vehicle.

MAVRIK tether testing and further control gain adjustments ensured MAVRIK is well-behaved during VTOL and hover flight. Additional hover testing, transition to horizontal flight and conventional flight test is ongoing.



- Testing New Rapid-Prototyping Manufacturing Methods
- Testing New Autopilot Hardware/Software
- Testing Kill System/Parachute Systems
- Low-Cost UAS for Civilian and Military Applications
- Research Platforms for Universities and Research Institutions



Wind Turbine Generator Testing



Instrumentation Diagram for Brushless DC Motor Testing



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