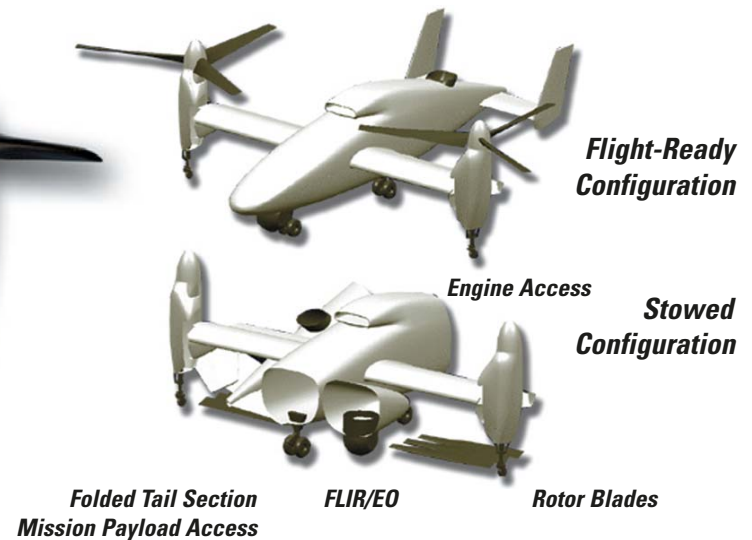


# HV-911 Eagle Eye Tiltrotor VUAV (Vertical Take-off and Landing Unmanned Aerial Vehicle) (Under Contract)



## VUAV Characteristics

### General Characteristics:

• Maximum Height	6.2 FT
• Maximum Length	17.25 FT
• Maximum Wing /Rotor Span	14.2/10.0 FT
• Rotor Tip to Tip	24.2 FT
• Wing Area	40.14 FT
• Maximum Altitude	20,000 FT
• Operating Radius	100 NM & Loiter 3 Hours
• Payload	200 LBS With Growth Potential to 300 LBS
• Loiter Speed	95-100 KTS
• Velocity Not To Exceed Speed	220 KTS
• Maximum Continuous Cruise Speed	185 KTS

• Maximum G-Limit	-0.5 to +2.0
• Landing Capability In Sea State	5 Pitch (+) (-) 5, Roll (+) (-) 8
• Heave	±0.25g Heave Acceleration from 0°
• Maintenance	Low (<1 MMH/FH)
• Modular Mission Payloads	EO/IR, Radar
• Deployment	Up to 4 VUAV'S Per Cutter (NSC, OPC) (VUAU only deployment)

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