

MQ-5B HUNTER

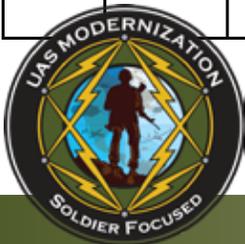
UAS
Unmanned Aircraft Systems



The Hunter (MQ-5B) UAS is used in support of Army Aerial Exploitation Battalion for RSTA and is the Army's longest serving Corps/Division level UAS. The Hunter's imagery system allows data to be processed in a matter of seconds, providing virtual, real-time information of battlefield conditions/targets. Hunter's enhanced imaging system allows commanders to detect, identify, and track hostile activity/targets for external weapons systems or maneuvers and battle damage assessment; thereby enhancing the commander's ability to locate and identify friendly forces to avoid unnecessary loss of life and locate enemy targets.



Wing Span	Weight	Range	Airspeed	Service Ceiling	Endurance	Primary Payloads	Launch/Recovery	Propulsion System	Center Wing Configuration
34.5 ft	1,950 lbs	>200 km	62 Kts cruise 110 Kts Dash	18,000 ft	25 hours with EO/IR	Max weight 275 lbs 770 EO/IR 80 lbs	Unimproved Runway 1,600 ft	Heavy Fuel	Wet Extended Center Wing



Visions of the Past, Bringing Lessons to the Future



Hunter System MTOE Configuration

- Five (5) Air Vehicles
- Four (4) Quad Sensor Payloads
- Three (3) One System Ground Control Stations
- Two (2) Ground Data Terminals (Antenna)
- One (1) Launch Recovery Terminal (Antenna)
- One (1) Backup Generator Mounted on HMMWV
- One (1) World Wide Power Interface Unit Mounted on HMMWV
- Four (4) One System Remote Video Terminals
- Five (5) Mobile Power Units (Generators)
- One (1) 5-Ton POL Truck
- Two (2) 5-Ton Crane Trucks
- One (1) 5-Ton Flatbed Truck
- Two (2) 5 Ton Trailers
- One (1) HMMWV Personnel/Equipment Transport
- Two (2) HMMWV Cargo Trailers
- One (1) Mobile Maintenance Facility

Hunter Capabilities

- Supporting Theater Conflicts 1999 to present
- Extended Range/Endurance UAS
- Highly Redundant Mission/Propulsion Systems
- Integrated with One System GCS
- Outstanding Target Location Accuracy
- Versatile Payload Platform: 35 Demos
- Multiple Mission Configurations
- Stellar Overseas Performance
- Target Designation/Attack Capable
- Deployed to both theaters OIF/OEF
- C-17 & C-5 Transportable



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