

**Insitu's Unmanned Aerial Vehicles (UAVs)** deliver an unmatched combination of endurance, low cost, and utility, with a small operational footprint. Unprepared terrain and shipboard operations are made easy with Insitu's pneumatic SuperWedge™ Launcher and SkyHook™ Retrieval System.

In the baseline configuration, Insitu UAVs carry an inertially stabilized electro-optical (EO) and/or an infrared (IR) camera on a light-weight inertially stabilized turret system with communications range of over 100 km. A dual bay configuration carries both EO and IR payloads on a single long-endurance vehicle.

### PERFORMANCE

Max Horizontal Speed	75 knots	38.6 m/s
Cruise Speed	48 knots	25 m/s
Ceiling	19,500 ft	5944 m
Endurance	20+ hours	

### DUAL BAY PERFORMANCE

Max Horizontal Speed	75 knots	38.6 m/s
Cruise Speed	48 knots	25 m/s
Ceiling	19,500 ft	5944 m
Endurance	15+ hours	

### DIMENSIONS

Wing Span	10.2 ft	3.11 m
Fuselage Diameter	7 in	.18 m
Length	4 ft	1.22 m

### DUAL BAY DIMENSIONS

Wing Span	10.2 ft	3.11 m
Fuselage Diameter	7 in	.18 m
Length	5 ft	1.5 m

### WEIGHTS

Empty Structure Weight	26.5 lb	12 Kg
Fuel and Payload	12.4 lb	6.58 Kg
Max Fuel	12.1 lb	5.5 Kg
Max Takeoff Weight	44 lb	20 Kg

### DUAL BAY WEIGHTS

Empty Structure Weight	28 lb	12.7 Kg
Fuel and Payload	15 lb	6.8 Kg
Max Fuel	12.1 lb	5.5 Kg
Max Takeoff Weight	44 lb	20 Kg

### MILITARY EXPERIENCE

**USMC - Operation Iraqi Freedom**  
I-MEF and II-MEF

**USN - Operation Iraqi Freedom and the Global War on Terrorism**  
USS Cleveland  
USS Oak Hill  
USS Trenton  
GOPLATs, Persian Gulf

Plus numerous demos and exercises.

Contact us for more information:  
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