SkyHook®
No nets. No runway. No limits.

Meet the first capture system to eliminate runways and nets. With its innovative small-footprint design, the SkyHook brings go-anywhere capability to Insitu’s family of unmanned aircraft.

KEY FEATURES
› Fully autonomous aircraft approach and capture.
› Runway independent.
› Readily adapts to shifting winds and other launch and recovery environments.
› Small footprint minimizes site and flight deck operation interference.
› Uses real time kinematic GPS for consistently accurate approach and capture.
› Available with trailer and outriggers (standard) or without trailer and outriggers (stabilized).
› Agile design accommodates land and maritime missions. Stabilized version attaches directly to the ship’s deck. Standard version is easily towed behind a vehicle.
› Easily set up or stowed in less than 20 minutes.

STANDARD SYSTEM
› Power: Uses four 6-V rechargeable batteries; batteries are recharged by a low-amperage draw battery charger
› Weight: 3,770 lb / 1,710 kg

DIMENSIONS
Stowed:
› Length: 15.3 ft / 4.66 m
› Width: 5.1 ft / 1.55 m
› Height: 7.5 ft / 2.3 m
Deployed:
› Length: 33 ft / 10.1 m
› Width: 11.8 ft / 3.6 m
› Height: 45.8 ft / 13.96 m

STABILIZED SYSTEM
› Power: Uses four 6-V rechargeable batteries; batteries are recharged by a low-amperage draw battery charger
› Weight: 3,200 lb / 1,451.5 kg

DIMENSIONS
Stowed:
› Length: 13.4 ft / 4.1 m
› Width: 4.3 ft / 1.31 m
› Height: 7.5 ft / 2.3 m
Deployed:
› Length: 37 ft / 11.28 m
› Width: 8.2 ft / 2.5 m
› Height: 45.8 ft / 13.96 m