



OFFSHORE AVIATION UAS SHIPBOARD LANDING SYSTEM





Offshore Aviation autonomous ship landing system, "Pathfinder", allows aircraft to find a moving vessel, setup an approach and land autonomously on a designated flight deck.

The "Pathfinder" system incorporates a mesh network architecture which enables communication between the ship station, ground control station and aircraft. This system allows takeoffs and landings while tracking a moving platform. During takeoff the aircraft will track vertically above the designated point until transition altitude is reached. During landing the aircraft will hold at a designated point and approach at a user defined angle for an autonomous landing.

Pathfinder does not rely on any visual targets, therefore it will work day, night and in all weather condition. The Pathfinder ship station is a single man-portable case and can be battery or ship powered.

The Pathfinder autonomous ship landing system is available as an option on all Offshore Aviation VTOL and Multi-rotor aircraft.

Specs:

-Radio: RFD900X (Can install any Mesh Network Radio)

-Range: 15nm

-Power: Battery or 120v

-Case: Waterproof, can be strapped or magnetically attached to deck





PATHFINDER-MARITIME

PORTABLE SHIPBOARD LANDING SYSTEM

Offshore Aviation LLC
45353 Saint George's Ave

Piney Point, Maryland 20674

info@offshoreaviation.com

T: (855) 243-3200

