

Description of Launch/Recovery

(Revised 7/10/2007)

The UAS is designed to augment survey operations from seagoing vessels. The airframe is designed for hand launching from a ship or small boat. No special apparatus or equipment is required.

Upon completion of the mission, the aircraft flies to a designated waypoint for a water landing (stall-type or parachute). The aircraft is then recovered from the surface of the water via small boat. The operator can also initiate the landing procedure on demand. The operator initiated landing procedure can be accomplished two ways.

1. The ground control operator updates the UA computer via RF link to fly directly to a landing waypoint. The UA autonomously flies to the point and initiates landing procedure.
2. The ground control operator deactivates the autopilot takes over control of the aircraft via RF link and visually flies the aircraft to a landing point and initiates landing procedure.