

RQ-11 RAVEN Launch Capabilities

CAPABILITIES

Capabilities of the Raven system include— Hand launched/auto land or manual recovery.

Auto navigation using military Py Code GPS.

Manual navigation and flight modes.

UA quick assembly (< 3 minutes).

Man/backpack portable.

Reusable (100+ flights).

Climb to operational altitude in 1 to 2 minutes.

UTILIZATION

The Raven is a man-portable, hand-launched small unmanned aerial vehicle (SUAS) system designed for R&S and remote monitoring. The operator can launch and recover an UA in minutes from unprepared terrain without special equipment. It can be either remotely controlled from the GCU or fly completely autonomous missions using GPS waypoint navigation. The UA will immediately return to its launch point by selecting the “home” command.

