



Office of the Secretary of Defense  
Department of Defense  
United States of America

Directive 001  
Effective: 12/24/20  
Approved for Public Release

---

**Subject:** On The Acquisition Of Swarm-Based Unmanned Systems

**Scope and Implementation:** This directive applies to the Joint Capabilities Integration and Development System of the Department of Defense, and will be implemented by the Joint Chiefs Of Staff.

**Purpose:** To request tenders for large-scale expendable unmanned combat aerial vehicles (UCAVs) for use by the U.S. Navy, U.S. Air Force, and U.S. Marines.

**Provisions:**

The Secretary of Defense of the United States of America hereby announces a Request For Proposals (RFP) for a contract to purchase 200 expendable swarm-type UCAVs (STUCAV) on a trial basis for use by the United States Navy, United States Air Force, and United States Marines.

**Platform Requirements:**

1. The STUCAV platform when deployed must consist of a group containing a large number of UAVs (>20), with each UAV equipped with
  - a. A small central warhead armed with conventional explosives, capable of carrying 7 ounces (200 grams) of ALIMX-101.
  - b. A control unit capable of communicating wirelessly and securely with other members of a large deployment to a target.
2. Each unit in the STUCAV platform must have a range of 15 kilometers and must be STOL capable.
3. Each unit in the STUCAV platform must be capable of acting as a defensive weapon, obstructing enemy combatant radar and obscuring vision of enemy combatants.
4. The primary mission objective of the platform shall be to ensure radar "distraction" against the enemy to protect American and allied surface ships and aircraft.
5. The secondary mission objective of the platform shall be to create a large medium-explosive strike package against vulnerable enemy targets (e.g. runways, aircraft carrier decks, and electronics installations).

**Budget:** The Department of Defense would accept tenders for a price below \$2,000,000 for 200 aircraft.

**Enactment:** This directive shall come into effect at 0800 EST on the 25th of December, 2020.