

Capability Statement

Skydio is an American company that manufactures the world's most advanced autonomous small Unmanned Aerial Systems (sUAS) for use by consumers, enterprises, defense, and civilian agencies. Our aircraft come with built-in artificial intelligence for reliable obstacle avoidance, and breakthrough autonomous workflows. Our products are easy to use, trust, and build a program around.

CORE CAPABILITIES

Small Unmanned Aerial Systems (sUAS) for Situational Awareness

- **Skydio X2.** A rugged, folding, thermal camera drone that fits in a rucksack and is powered by Skydio Autonomy for full artificial intelligence.
- **Skydio Controller.** Enterprise-grade remote controller for Skydio X2 with glove compatible controls, large screen, an built-in antennas for up to 10km wireless range.

World Leading, Trustworthy Autonomy

- **Real-time 3D Mapping.** Vehicle carries six 4K color cameras and a GPU to build a 3D map of its environment in real time, even in GPS-denied and high-RF interference environments.
- **Object and scene recognition.** Deep learning algorithms help the vehicle recognize objects in their context, to gain an understanding of the scene beyond its video feeds.
- **Motion planning.** Drone plots a safe path through its environment to fulfill the pilot's commands or reach pre-planned locations. Motion planning ensures the drone will fly where the operator wants, without compromising safety.

Ease of Use

- **Obstacle avoidance.** Deep learning system based on 45 megapixels of visual sensing provides seamless and omnidirectional obstacle avoidance.
- **Portable quick-launch.** Portable airframe is unobtrusive to transport and deploys rapidly without requiring operator exposure.
- **Lower training burden.** Easy-to-fly drones can be put in field faster and with less expensive operator training.

WHO WE ARE

- ✓ **Market-tested, commercial off-the-shelf.** Reliability and economies of scale earned from manufacturing and delivering drones at scale.
- ✓ **Operator Experience.** Skydio employs world-class drone, software, government, and military experts at executive levels.
- ✓ **Designed, assembled, and supported in the US.** All security sensitive components sourced from US companies. Skydio X2 meets Congress & DoD supply chain standards (Section 848 of FY20 National Defense Authorization Act). X2 will also comply with the American Security Drone Act (ASDA).

DUNS / CAGE / NAICS / PSC CODES

DUNS Number: 080069116

TAX ID: 46-5344747

CAGE: 86PV4

NAICS: 336411 - Aircraft Manufacturing

541715 - Research and Development in the Physical,
Engineering, and Life Sciences

(except Nanotechnology and Biotechnology)

511210 - Software Publishers

PAST PERFORMANCE



GOVERNMENT BUSINESS CONTACT

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