

Mission engineering for the federal training enterprise.

Falconer Operations Group is a service-disabled veteran-owned small business delivering **geospatial intelligence, range systems engineering, operational risk, and custom mission software** to federal customers. Small by design. The person who scopes the task runs the analysis and signs the deliverable.

CORE COMPETENCIES

01 Geospatial Intelligence

GIS-driven analysis for range modernization, training-land management, and operational planning. Authoritative range, terrain, and installation data integrated into products that hold up under range control review and Sustainable Range Program reporting.

ArcGIS Pro · ArcGIS Server · ITAMS · Range Manager's Tool Kit

02 Range Systems Engineering

Doctrine-anchored engineering for live-fire ranges. Surface Danger Zone geometry for direct and indirect fire — ricochet, lateral and vertical containment. Worked from the weapon, ammunition, terrain, and mission you actually have.

DA PAM 385-63 · AR 385-63 · AR 350-19 · TC 25-8 · MCO 3570.1C

03 Operational Risk

Pre-event safety reviews, range card audits, RSO and DRSO curriculum, and third-party investigation support. Documentation built to support the safety board.

04 Software & Custom Tooling

Mission software that turns doctrine into working tools. Built **Range Master** — a Surface Danger Zone planner that renders DA PAM 385-63 geometry on satellite imagery from firing point, bearing, ammunition, and impact surface. Custom geoprocessing, automation, and offline-capable web tools for range and training workflows.

JavaScript · Leaflet · Esri imagery · validated SDZ engine · PWA / offline

REPRESENTATIVE DELIVERABLES

- SDZ geometry, direct & indirect fire (KML, shapefile)
- Range modification impact analyses
- Safety board read-ahead packages
- Doctrinal rationale memoranda
- ITAMS integration & range condition inputs
- Operational planning & de-confliction overlays
- Range card audits & pre-event safety reviews
- RSO / DRSO curriculum development
- Custom range & GIS tooling / automation
- Range Master — SDZ planning app (rangeoperations.com)

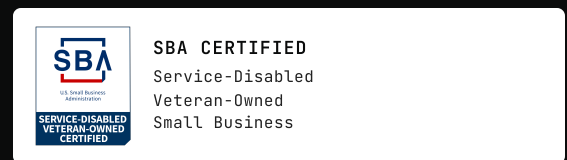
FOCUS Pursuing federal range systems engineering, operational risk, and mission-software tasking. **Prime** on small-dollar awards; **subcontractor** on larger task orders through teamed primes. Open to teaming on sources sought, RFIs, and RFPs aligned to NAICS 541330 and the federal training and readiness mission.

COMPANY DATA

LEGAL NAME	Falconer Operations Group LLC
UEI	NL5TJ2JVB648
CAGE	20KD5
PRIMARY NAICS	541330
SECONDARY	541614 · 541618 · 541690 · 611430
PSC	R425 · R499 · AR12
SIZE	Small Business
SOCIOECONOMIC	SDVOSB · SBA VetCert
FORMED	Virginia

DIFFERENTIATORS

- ◆ **USMC veteran.** Eight years range safety and range operations inside the live training enterprise.
- ◆ **Active Secret (Tier 3)** with continuous evaluation. TS/SCI eligible.
- ◆ **ISRSC certified.** ArcGIS and ITAMS proficient.
- ◆ Prime on small-dollar awards. Subcontractor on larger task orders through teamed primes.



STANDARDS & DOCTRINE

DA PAM 385-63 · AR 385-63 · AR 350-19
TC 25-8 · MCO 3570.1C · ISRSC