# Alex Stevenson

alex.stevenson.pilot@proton.me
alexstevenson.aero
803-414-3653
Albuquerque, NM (KABQ)

## Education & Certifications

**BS, Physics** **Graduated 2009**
***US Air Force Academy* | Colorado Springs CO**

- **Course of study focus on electronics**
- **Completed Airmanship 490, Freefall Parachuting, 5 solo freefall jumps**

**MS, Nuclear Physics** **Graduated 2011**
***Air Force Institute of Technology* | Dayton OH**

**- Flight Instructor Certificate**
Ratings: Rotorcraft Helicopter (Feb 2026), Instrument Helicopter (Aug 2026)
**- Commercial Pilot Certificate**
Ratings/Endorsements: Rotorcraft Helicopter (Oct 2025), Instrument Helicopter (Jun 2026)
**- Private Pilot Certificate**
Ratings/Endorsements: Rotorcraft Helicopter (Sep 2024), Airplane (SEL) (Oct 2025), Instrument Airplane (SEL) (Oct 2026)
**- Second Class Medical (Oct 2026) + Valid US Passport**
**- SFAR 73 endorsement, R22 and R44 (Aug 2026)**

| Flight Experience | Aircraft |
|---|---|
| ● **369 hrs TT / 260 PIC / 20 Turbine**<br>● **81 hrs Cross Country**<br>● **87 hrs Simulated Instrument**<br>● **21 hrs Night**<br>● **19 hrs High Performance ASEL**<br>● **160 hrs High DA (>5000')**<br>● **34 hrs Mountain flying** | ● **Rotor: 204 (139 PIC)**<br>• **R22: 133 hrs**<br>• **R44: 50 hrs**<br>• **R66: 10 hrs**<br>• **Bell 206: 10 hrs**<br>● **Airplane: 165 (121 PIC)**<br>• **Cessna 172: 153 hrs**<br>• **Cessna 182: 5 hrs**<br>• **Piper P28B: 6 hrs** |

### Notable Flight Experience

- Helicopter training at Vertical Limit Aviation, Albuquerque, NM
  - High DA, Class C airspace, mountainous environment
- 10-hour, 800nm XC flight in R66 from KBTR (Baton Rouge, LA) to KABQ (Albuquerque, NM)
- Robinson Safety Course completion, Sep 2025
- Mountain Flying Operations Course at Leading Edge Flight Academy, Bend, OR, completed July 2026

## Work Experience

**Sandia National Laboratories – Principal Member of Technical Staff** **Sep 2014 - Present**

- **Multiple positions throughout tenure, worked in areas including nuclear effects modeling, nuclear policy, systems engineering, intelligence analysis, satellite communications**
- **Conducted modeling and simulation of various phenomena including nuclear physics, aerodynamics, optics, explosives, satellite system dynamics**

**US Air Force – Scientist (Physicist)** **May 2009 – Sep 2014**

- **Nuclear phenomenology modeling and simulation**