

# Flight Operations Satellite Controller - Flight Operations Academy

POC: Mark Longanbach ([longanbach@google.com](mailto:longanbach@google.com)) - Flight Ops On Orbit Manager

## Description

Join the our Flight Operations Academy! You'll be supporting an up-to 2 year commitment working with the Flight Operations team on the Skybox Project, performing telemetry monitoring, commanding, and anomaly response on our fleet of high resolution imagery satellites. You will work closely with flight operations engineering team to execute daily maintenance tasks and ensure the health and safety of our fleet is maintained. You will learn and understand Skybox's satellite command and telemetry systems, mission planning systems, and the operational functions of our mission control system via on-console shifts. You will help provide support for the commissioning of our new satellites, responding to and documenting anomalies, as well as supporting the automation of our existing fleet. You will help launch and commission our next sets of satellites.

## Responsibilities

1. Monitor and command all Skybox satellites for proper operation, responding, documenting, and escalating all off-nominal contingencies (telemetry limit violations, configuration and status changes, subsystem and operational anomalies, etc).
2. Execute the operational plan for all satellites and associated ground systems, according to established procedures.
3. Perform all activities and actions while abiding by operational procedures, policy and process.
4. Operate satellite and ground system monitoring and maintenance tools, to include the diagnosis and troubleshooting of satellite, ground software, system and network issues.
5. Execute the operational flow from our satellite fleet, ensuring the Flight Operations' system is producing imagery at a nominal cadence.

## Qualifications

- BA/BS degree in a technical field.
- The ability to work a 12-hour shift schedule to provide 24x7x365 coverage, which includes working nights, weekends, and major holidays.
  - Graduating in Spring 2016
  - Able to support 24 hours minimum for your last semester (full time preferred).
- Excellent reporting, logging and writing skills.
- Excellent communication and collaboration skills.
- Color vision required.
- Must be U.S. Citizen or green card holder. □EOE/AA MF/D/V Employer.

## **Preferred Qualifications**

- Previous experience working with satellite subsystems (e.g. electrical, thermal, software, mechanical, guidance & control, payloads, etc.)
- Familiarity with Python or web development languages.
- Previous experience working with satellite ground systems.