



# Roger Laforge

Flight Test Aerospace Engineer

## CONTACT

248-966-4297

rogerlaforge@gmail.com

El Segundo, CA

## EDUCATION

### Master of Science in Aerospace Engineering

California Institute of Technology (Caltech)

Graduated: June 2018

### Bachelor of Science in Aeronautical Engineering

University of Southern California (USC)

Graduated: May 2016

## PROFESSIONAL SUMMARY

Dynamic and detail-oriented Flight Test Aerospace Engineer with over 8 years of experience in flight testing and aircraft evaluation. Proven expertise in test planning, data analysis, and reporting for military and commercial aircraft. Strong collaboration skills and a solid background in aerodynamics, propulsion systems, and avionics integration.

## EXPERIENCE

### Flight Test Engineer

2018 - Now

#### Northrop Grumman, El Segundo, CA

- Conducted over 50 flight tests for the B-21 Raider and Global Hawk unmanned systems, focusing on performance metrics and operational capability.
- Develop and execute test plans and procedures, ensuring compliance with FAA regulations and safety protocols.
- Analyze flight data using MATLAB and Python to assess aircraft performance, generating detailed reports and presenting findings to stakeholders.
- Collaborate with design and manufacturing teams to implement design improvements based on flight test results.

### Aerospace Engineer Intern

2017 - 2017

#### Boeing, Long Beach, CA

- Assisted in the flight testing of the Boeing 737 MAX, focusing on systems integration and troubleshooting during test flights.
- Supported the development of flight test documentation, including test cards and data acquisition plans.
- Conducted simulations using software tools such as CATIA and ANSYS to analyze aerodynamic performance and structural integrity.

## SKILLS

Aircraft Design



Aerospace Structures



Avionics



Propulsion Systems



Flight Test Engineering

