



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

February 21, 2015

Attachment 21 – Scaled Test Pilot Assignment Description

OPERATIONAL FACTORS

DCA15MA019

Test Pilot Assignment Description

Summary: Provide technical support for aircraft and payload system development flight operations. Prepare flight test plans, cards, pilot operating handbook revisions; participate in pre/post flight briefings, fly test flights as PIC or SIC, support ground tests as TC/TD/FTE and document test results.

Responsibilities will likely include, but are not limited to the following:

- Pilot experimental manned, optionally piloted, unmanned aircraft systems and chase aircraft,
- Lead and/or participate in system design and design reviews (commensurate with background engineering discipline),
- Develop test strategies, test plans and test procedures for the aerospace vehicles and components given the systems requirements,
- Lead and/or participate in ground and flight test events as Test Conductor or Test Crew member,
- Document systems under test, and report on test results, and
- Maintain flying currency and proficiency.

Requirements for candidacy include:

- FAA Commercial Single and Multi-Engine Land pilot license with Instrument Rating,
- Obtain and maintain a FAA Class II medical certificate,
- Minimum 800 hours total PIC flight time,
- Understanding of Scaled core values,
- Strong technical foundation and skills in one or more of the following engineering disciplines:
 1. Aerodynamics
 2. Mechanical / Structures
 3. Software
 4. Electrical
 5. Flight Test
- Be independent and motivated; able to self-direct and manage time effectively,
- Be knowledgeable with applicable Federal Aviation Regulations,
- Be able to travel 20% of the time,
- Have excellent written and verbal communication skills, and
- Obtain and maintain an active DOD Clearance.

Essential Job Functions:

- Must hold and meet the requirements of a FAA Second Class Medical,
- Clearly communicate verbally and in writing,
- Must have the ability to work in cramped, confined cockpit environments in both hot and cold environments for up to 8 hours with limited movement,
- Vision at close and far distances,
- Able to operate cockpit flight controls with center stick, yoke and side stick,
- Able to push rudder up to 150 lbs., elevator forces up to 150 lbs., and aileron forces up to 90 lbs.,
- Must be able to enter and exit cockpit areas up to 4 feet off the ground,
- Must wear appropriate Personal Protective Equipment (PPE) as instructed, and
- Must be able to work in a high stress environment when required.

This is an entry level position with significant opportunities for growth and learning. Assignments will be part time and must be coordinated with other company responsibilities and reporting chain. When working under this assignment, employee will report to the Director of Flight Operations.

Submit interest to Peter Siebold by the end of the day, November 17, 2014.