

NASA P-3B Seat Statement of Work

Revised January 10, 2011

Introduction:

NASA Goddard Space Flight Center's Wallops Flight Facility (WFF) operates a P-3B Orion (BUNO 152735) aircraft designated as N426NA (public use airworthiness certificate). The aircraft has been extensively modified to meet the needs of the NASA Airborne Science Program community. This Statement of Work (SOW) details specifications for the purchase of new aircraft passenger seats.

1.0 General Requirements:

1.1 Purpose

The vendor shall provide 20 new aircraft passenger seats, (no more than 2 seats per row for a total of 20 seats) that meet the following minimum specifications:

- Arm rest
- Navy blue leather coverings
- No wider than 26.5 inches. P-3 main cabin door is 27 inches in width.
- Include shoulder harnesses that connect into a 4 point seat belt system. Proof of FAA certification can be accomplished by analysis only (no sled test required)
- Capable of mounting to 31.5 inch seat track spacing (NASA will design interface between vendor seat mounts and P-3 seat track)
- Meet the following static load requirements (no dynamic requirement):

Load Direction Ultimate Load Factor (g)

Forward 9.0

Down 10.2

Up 6.4

Lateral 4.0

Aft 1.5

1.2 Period of Performance

The period of performance for this contract shall be for 90 days from date of contract award.

1.3 Aircraft Systems Use

NASA shall assign a project manager to act as the single point of contact for day-to-day interaction as well as the monitor of the overall project timeline. The contract vendor shall only contact the NASA Contracting Officer's Technical Representative (COTR) with questions and requests during the period of performance of this contract. NASA shall provide a response no later than 5 business days from initial contact concerning a question or request. The NASA COTR shall be:

Contracting Officer's Technical Representative (COTR):
Catherine Easmunt – NASA Aircraft Office
NASA Wallops Flight Facility
Bldg. N-159 Hanger
Wallops Island, VA 23337
Phone: 757-824-1525
Fax: 757-824-2135
Cell: 757-894-2536

2.0 This Section Intentionally Removed

3.0 NASA Acceptance of Vendor Deliverables:

3.1 Drawings/Analysis

Vendor shall supply editable copies of all drawings and analysis for seat assemblies.

3.2 Hardware Warranty

All installed equipment, hardware, and support equipment shall be warranted under original manufacturer's warranty to best extent possible and shall prove to be free from defect prior to the time of seat assembly acceptance by NASA for a period of 1 year.

4.0 Contract Completion / NASA Acceptance:

4.1 Acceptance

Each seat will be inspected by the NASA WFF COTR of this contract and NASA Quality Assurance. Seat form, fit and function will be tested. Seats will also be inspected for any obvious defects due to the manufacturing or shipping (torn cushions, broken side panels, broken armrest, etc.).