

Requirement ID: 783

Sponsor Organization: AFS

POC: Les Vipond

Requirement Title: The Impact of Professional, Organizational, and National Cultures on the Safety Climate in the Aviation

Funded Requirement:

- FY02: No
- FY03: No
- FY04: No
- FY05: No

Requirement Statement: Significant research needs to be accomplished on developing the concepts and measurements of “professionalism” and mutual trust in a professional environment because it is postulated to be the key in building safe virtual organizations. Such measures must transcend the traditional boundaries of national and organizational cultures not only because aviation is an international business, but also because AMTs in the United States are multiethnic.⁴⁴⁹

Background: Currently, it is known that differences in professional, organizational, and national cultures exist in aviation maintenance. Their inter-relationships and the consequent effect on the overall safety culture are not known. This research will provide a further understanding of the concept of “safety culture” in aviation maintenance and identify the positive and negative influences on that culture. Product: Development of profiles of the safety culture at the maintenance facilities of major U.S. airlines. These profiles will constitute professional, organizational, and national attributes which contribute to safety culture. The inter-relationships and effects of changes in the constituent elements on the safety culture will be explored. Driver: Safety/NTSB/MRM followon AVR Performance Plan (2000) Initiative 34/FAA National Aging Aircraft Program Plan Deliverable: Development of profiles/elements of safety culture

Output:

Regulatory Link: