

**Joint Safety Implementation Team**  
**Implementation Plan**  
**for**  
**Safety Enhancement 132**  
**Cargo – Flightcrew Smoke/Fume Protection**

**DRAFT**

**Statement of Work:**

The purpose of this enhancement is to reduce the risk of flightcrew incapacitation or visual impairment due to smoke and/or fumes in the cockpit by requiring full-face crew smoke mask/oxygen system that accommodates eyeglasses.

**Lead Organization for Overall Project Coordination (LOOSEC):**

FAA AIR

**Safety Enhancement:**

Safety Enhancement 132 Cargo – Flight crew Smoke/Fume Protection

**JIMDAT Score:**      2007 - (#)      2020 - (#)      100% - (#)

**Total Resource Requirements:**

Minimal cost required to accommodate administrative tasks of researching and modifying existing requirements.

(Actual retrofit would be approximately \$9,000 per mask and installation).

**Completion Date:**

**Output 1:**

Modify existing requirements to mandate, including retrofit, full-face crew smoke mask/oxygen systems that accommodate glasses. (14 CFR 25.1439 (b) would have to be rewritten eliminating an option in the regulation that allows a separate "accessory" to cover the eyes.)

**Resources:**

Transport Airplane Directorate, Standards Staff (ANM-11X)

**Timeline:**

2 Years following CAST approval.

**Actions:**

Examine current requirements.

Determine necessary changes.

Publish new requirements.

**Performance Goals & Indicators for Safety Enhancement/Outputs:**

(One for each Safety Enhancement/output)

- Goal:
- Indicator:

**Relationship to Current Aviation Community Initiatives**

**Programmatic Approach:**

*Organizational Strategy*

*Implementation Activities*

**Key Products and Milestones:**

**Risk Description:**

**Risk Mitigation Plan:**

**Impact on Non - Part 121 or International Applications:**