

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: