Joint Safety Implementation Team

IMPLEMENTATION PLAN

For

Safety Enhancement 122

Cargo – CG and Loading – Locking Mechanisms - Research

DRAFT

Statement of Work:
The purpose of this enhancement is to reduce the occurrence of Center of Gravity and Cargo Loading related accidents and incidents by conducting research to develop improved pallet locking mechanisms that provide ease of operation and remote sensing of lock status.

Lead Organization for Overall Project Coordination (LOOSEC):

NASA

Safety Enhancement:
Safety Enhancement 122– CG and Loading – Design

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

Total Resource Requirements: (Sum of all outputs)

Completion Date:

Output 1:
Conduct survey on available pallet locking mechanisms and remote sensing (locked/unlocked) equipment presently available in the industry.

Resources:
NASA

Timeline:

Actions:

Output 2:
Conduct research on "easy-to-lock" pallet/container mechanisms that remotely sense the status of each cargo pallet/container lock (locked/unlocked).

Resources:
NASA
FAA Technical Center

Timeline:

Actions:

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: