

MIDAIR

Joint Safety Implementation Team

**Implementation Plan
for
Safety Enhancement 161
Midair – ATC Safety Culture**

DRAFT

Statement of Work:

The purpose of this enhancement is to prevent midair collisions by the development of an improved safety culture in ATC operations.

Lead Organization for Overall Project Coordination (LOOSEC):

FAA Air Traffic Organization Safety

Safety Enhancement:

Safety Enhancement 161 Midair – ATC Safety Culture

JIMDAT Score: 2007 - (0.00) 2020 - (0.54) 100% - (1.20)

Total Resource Requirements:

Output 1:

\$50,000 in travel and administration costs
400 man hours

Output 2:

\$13 Million (Cost is estimated at \$742 per employee with Approx. 17,000 employees for a total cost of approx. \$13 million).

No development cost since program exists.

Completion Date:

Output 1: 90 Days following CAST approval

Output 2: 3 years following CAST approval.

Envisioned as recurrent training received every 3 years.

Output 1:

Air traffic service providers encourage a safety culture that includes the implementation of an enhanced Quality Assurance program and the use of operational risk management

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techniques to assess the criticality of information and subsequent dissemination of that information.

Resources:

FAA Air Traffic Organization Safety
FAA AXX-505 (Regional Quality Assurance Managers)

\$50,000 in travel and administration costs
400 man hours

Timeline:

90 Days following CAST approval.

Actions:

Although elements of Output 1 presently exist, it is recommended that the following actions be taken to enhance the present program:

Convene meeting of all Regional Quality Assurance Managers and HQ representatives to standardize dissemination of quality assurance information throughout Air Traffic, analyze results and implement a standardized process.

Output 2:

Air traffic service providers revitalize an Air Traffic Control Resource Management program. The program that presently exists is Air Traffic Team Enhancement (ATTE).

Resources:

ATO

\$13 Million (Cost is estimated at \$742 per employee with approx. 17,000 employees for a total cost of approx. \$13 million).

No development costs are included since this program already exists.

Timeline:

3 years following CAST approval.

Recurrent training received every 3 years.

Actions:

Air Traffic re-establish the ATTE Program.

Potential Barriers:

Possible Mitigation Strategies

Relationship to Current Aviation Community Initiatives

Output 2: Pilots and dispatchers are required by law to have CRM Training.

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Impact on Non - Part 121 or International Applications: