



International Civil Aviation Organization

**Aerodrome Operational Planning
Sub-Group (AOP SG)**

**First Meeting
(Cairo, 13-16 November 2000)**

Agenda Item 10: Any other business

RUNWAY SAFETY INITIATIVES BY FAA

(Presented by the Secretariat)

SUMMARY

This paper includes an IP presented by FAA to MIDANPIRG/6 meeting.

1. INTRODUCTION

1.1 FAA presented an information paper at the MIDANPIRG/6 meeting on the initiatives taken by them on runway safety and the prevention of runway incursions. FAA is developing a training and awareness program that may be used domestically in the US and by the international community to improve runway safety and reduce runway incursions.

2. ACTION BY THE MEETING

2.1 The meeting is invited to:

- a) Note the initiatives taken by FAA..

APPENDIX A

MIDANPIRG/6-IP/16
10/09/2000



International Civil Aviation Organization

**Middle East Air Navigation Planning and
Implementation Regional Group (MIDANPIRG)**

**Sixth Meeting
(Cairo, 10-14 September 2000)**

Agenda Item 4.3: Middle East Air Navigation Issues – CNS/ATM

RUNWAY SAFETY PROGRAM INITIATIVES: REDUCING RUNWAY INCURSIONS

(Presented by U.S.A.)

SUMMARY

Runway safety and the prevention of runway incursions are top priorities for the FAA in improving civil aviation safety. FAA is developing a training and awareness program that may be used both domestically in the United States and by the international aviation community to improve runway safety and reduce runway incursions.

1. BACKGROUND

1.1 The U.S. Department of Transportation (DOT) has identified runway safety as one of the most important safety challenges facing the aviation community in the United States today. FAA Administrator Jane Garvey has set runway safety as one of FAA's top five priorities, establishing a Runway Safety Program with executive-level oversight.

1.2 The Runway Safety Program provides the FAA a single focus for the many activities and elements associated with runway safety. There are three critical target groups involved in runway safety. They are:

- Airport vehicle operators
- Pilots
- Air traffic Controllers

1.3 A runway incursion is defined as "any occurrence at an airport involving an aircraft, vehicle, person, or object on the ground that creates a collision hazard or results in loss of separation with an aircraft taking off, intending to take off, landing, or intending to land within one mile of the landing threshold. Runway incursions are classified in three categories: deviations (by pilots), operational errors (by air traffic controllers), and vehicle/pedestrian deviations.

1.4 Fundamentally, runway incursions are the result of human error but they do not occur in a vacuum. They are one link in a chain of complex, often subtle interactions of secondary, or even tertiary enabling events that set the stage for pilots, controllers or vehicle operators to make an error. The FAA's strategy to cut the number of runway incursions takes into account those complexities. It is promoting activities directed at helping stakeholders in runway safety develop or enhance education, training and awareness initiatives that help reduce the likelihood of human error.

2. TRAINING AND AWARENESS

2.1 The FAA is developing a runway incursion educational awareness program in order to promote an enhanced awareness of runway safety. This program is expected to be completed early in 2001. The program will be made available to the international aviation community free of charge for use in promoting runway safety worldwide.

2.2 Under the program, FAA will:

- a) develop a strategic plan that encompasses international aviation organizations, industry and groups to address education, training, and awareness of safe airport surface operations both in the United States and internationally.
- b) identify and create applicable materials (pamphlets, posters, booklets, inserts, magazines, videotapes, bulletins, websites, etc.) and develop these items into standardized guidance material which may be used internationally to promote runway safety.

3. PARTNERSHIPS

3.1 The Runway Safety Program initiatives and efforts are only effective if they are accomplished in an atmosphere of partnerships, awareness and cooperation. The FAA's Runway Safety Program is building on the agency's relationships with the following organizations in order to promote runway safety awareness:

- International Civil Aviation Organization (ICAO)
- International Air Transport Association (IATA)
- Aircraft Owners & Pilots Association (AOPA) Air Safety Foundation
- Airline Cargo Association (ACA)
- Airline Pilots Association (ALPA)
- Air Transport Association (ATA)
- American Association of Airport Executives (AAAE)
- National Air Traffic Controllers Association (NATCA)
- NASA Ames and Langley Research Centers
- Volpe National Transportation Systems Center

4. CONCLUSION

4.1 The meeting is invited to note the foregoing activities. The FAA welcomes inquiries regarding this program. The point of contact is:

Mr. Scott Schoonover
USA telephone: (202) 267-9209
e-mail: scott.schoonover@faa.gov

4.2 Additional information may be obtained by INTERNET by accessing the following website: www.faa.gov/runwaysafety