



WORKING PAPER

ASSEMBLY — 39TH SESSION

TECHNICAL COMMISSION

Agenda Item 36: Aviation Safety and Air Navigation implementation support

ADVANCING THE ICAO GLOBAL AVIATION SAFETY PLAN THROUGH FULLY-CERTIFICATED INTERNATIONAL AERODROMES

(Presented by the United States)

EXECUTIVE SUMMARY

The 2013-2028 Global Air Navigation Plan (GANP) designated the enhancement of global civil aviation safety as a core, strategic objective. The 2014-2016 Global Aviation Safety Plan (GASP) identifies improvements in runway safety as a foremost global priority. These safety missions include the mitigation of runway excursions, protection against their potential outcomes, and the prevention of runway incursions. A vital requisite to achieve and to maintain these significant objectives is compliance by international aerodromes with the annexes to the Chicago Convention.

This paper underscores the significant fact that a direct interdependency exists between successful runway safety improvements at international aerodromes with the *full certification by the state* in accordance with ICAO Annex 14. The implementation of an effective aerodrome certification program is the pathway that elevates and maintains broader, overall aerodrome safety.

Action: The Assembly is invited to:

- a) note the contents of this paper;
- b) support the efforts of ICAO in enhancing airport safety;
- c) request ICAO to develop guidance material that will assist States in identifying, implementing, and monitoring a *strategically-focused program* that will greatly increase the percentage of international aerodromes certificated within each State;
- d) recognize that the intent of the above program is for each State to utilize the guidance material to quickly identify shortcomings at international aerodromes; and
- e) consider the offer proposed by the United States Federal Aviation Administration (FAA) to assist ICAO efforts in this endeavour.

<i>Strategic Objectives:</i>	This working paper relates to Safety and Air Navigation Capacity and Efficiency Strategic Objectives.
<i>Financial implications:</i>	

<i>References:</i>	Annex 14 — <i>Aerodromes, Volume I — Aerodrome Design and Operations</i> Annex 14 — <i>Aerodromes, Volume II — Heliports</i> Doc 9750, <i>Global Air Navigation Plan 2013-2028</i> Doc 10004, <i>Global Aviation Safety Plan 2014-2016</i>
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1. INTRODUCTION

1.1 International aerodromes that have been certificated in accordance with ICAO Annex 14 Standards and Recommended Practices greatly enhance the safety of civilian air transportation.

1.2 Operators of certificated international aerodromes agree to maintain certain operational and safety standards as part of their certification, which provide the essentials of firefighting and rescue equipment.

1.3 Certification requirements will vary depending on the size of the aerodrome, the types of aircraft it accommodates, and the number of operations conducted at the airport.

1.4 The significant value of any aerodrome certification program is its ability to mitigate a wide range of serious safety hazards and the consequences that many aerodromes face today.

2. BACKGROUND

2.1 The 2013-2028 Global Air Navigation Plan (GANP) designated the enhancement of global civil aviation safety as a core, strategic objective. A vital requisite for international aerodromes to achieve and to maintain this core objective is to meet compliance with the annexes. To reach success in this global endeavour, a continuous harmonization between improvements in aerodrome safety and the modernization of air navigation is necessary.

2.2 To focus our activities, the Global Aviation Safety Plan (GASP) identified improvements in runway safety as a global priority. This encompasses the mitigation of runway excursions, protection against their potential outcomes, and the prevention of runway incursions.

3. DISCUSSION

3.1 ICAO has made great strides in channelling its efforts to improve runway safety through working groups, meetings, seminars and various tools. The Federal Aviation Administration (FAA) acknowledges and encourages ICAO to continue this effort of promoting the enhancement of runway and aerodrome safety.

3.2 The FAA believes that there is a direct interdependency between successful improvements in runway safety and *fully certificated* aerodromes. These two aspects go hand-in-hand. The implementation of an effective aerodrome certification program by a State is the pathway to elevate and maintain broader overall international aerodrome safety. Aerodrome certification will address all the safety elements for an operational aerodrome; such as runway incursion, runway excursion, firefighting and rescue, wildlife mitigation.

3.3 In order to facilitate and accomplish a certification program, the FAA has developed a process and associated checklists that can be used by a State and airport operator in preparing for and then maintaining their certification. This material could be used to develop Best Practices or Guidance material that may be utilized in preparing for and achieving full certification, which could eventually lead to a global harmonized and standard approach.

4. **CONCLUSION**

4.1 This paper recommends that ICAO become more proactive in identifying, implementing, and monitoring strategically-focused activities that will greatly increase the percentage of international aerodromes certificated within each State.

4.2 The United States, through the Federal Aviation Administration Office of Airports, would like to offer its assistance to support ICAO's efforts in this endeavour.

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