



ICAO

The Third Meeting of the Asia/Pacific Aerodrome Design and Operations Task Force (AP-ADO/TF/3)

Video Teleconference, 9 to 11 February 2022

Agenda Item 1: Review Outcome of Relevant Meetings

OUTCOMES OF THE OLS SYMPOSIUM

(Presented by the Secretariat)

SUMMARY

This paper presents an update on the Obstacle Limitation Surfaces (OLS) Symposium, which was held virtually from 8 to 10 December 2021. The proposed amendments related to the OLS provisions were presented and discussed in detail at the symposium.

All [underlined texts](#) are html-linked for easy reference

1. INTRODUCTION

1.1 The ICAO Twelfth Air Navigation Conference (2012) and the 38th Session of the ICAO Assembly (2013) called for a comprehensive review of the obstacle limitation surfaces in Annex 14, Volume I, and the development of guidance for conducting aeronautical studies to assess permissible penetrations to the surfaces. The ICAO OLS Task force has carried out extensive work and detailed studies over the past six years and is proposing significant changes and improvements to the OLS.

1.2 A joint ICAO/ACI Obstacle Limitation Surfaces Symposium (OLSS 2021) was conducted virtually with an aim to increase international awareness on the proposed changes and obtain feedback from States and industry prior to ICAO adoption for global applicability.

2. DISCUSSION

OLSS 2021

2.1 The symposium was attended by 900 experts from 101 States and 16 International Organizations. It provided a good platform to engage with all the concerned stakeholders such as States, aerodromes, air navigation service providers, airlines, town and land-use planners, and pilots. The main objectives of the symposium were to:

- Increase global awareness on the proposed new OLS concept;
- Share the reasons for the changes to the existing OLS concept;
- Share the principles and rationale used in arriving at the proposed new concept;
- Share the guidance on conducting aeronautical study;
- Create awareness of the benefits of the proposed change; and
- Obtain feedback on the new OLS concept and its implementation.

2.2 The detailed OLSS 2021 programme can be found in the following [link](#).

2.3 A number of [presentations](#) were made related to the new concept of Obstacle Free Surface (OFS), Obstacle Evaluation Surface (OES), Aeroplane Design Group (ADG), aeronautical study, OLS related case studies, etc.

2.4 A database of the questions raised by the participants at the symposium has been compiled and reviewed by the OLS Task Force. The topics to be addressed based on these questions are being summarized and response will be provided. It will also be used to refine the work programme of the OLS Task Force.

2.5 It is expected that the ICAO Council will adopt the proposed OLS amendments by Q1 2024 for applicability by November 2026.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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