



International Civil Aviation Organization

South American Regional Office

Third Virtual Meeting of Civil Aviation General Directors of the South American Region on the Response to COVID-19

(Lima, Peru, 22 September 2020)

RV3/DGAC - WP/07

19/09/2020

Agenda Item 3: Feedback on the progress and challenges in the implementation of CART recommendations and exchange of experiences

MANAGEMENT OF EMERGING RISKS IN FACE OF THE CHALLENGES ASSOCIATED WITH THE COMPETENCE OF AERONAUTICAL PERSONNEL DURING THE NON-FACE-TO-FACE TRAINING PROCESS

(Presented by Venezuela)

SUMMARY

This working paper presents strategies for the adoption of measures to mitigate emerging risks associated with the competence of aeronautical personnel during non-face-to-face learning processes.

1. INTRODUCTION

1.1 Pursuant to Recommendation 3 on safety-related measures addressed to States in the report of the ICAO Council Aviation Recovery Task Force (CART), and with a view to contributing to the objectives of the State Safety Programme (SSP) in our State, the hazards and emerging risks associated with the competence of aviation personnel during non-face-to-face training processes were identified.

1.2 Although the use of distance learning for aeronautical service provider personnel has been considered as a risk mitigation measure against the spread of COVID-19, it has posed challenges in the sense that both instructors and trainees were not duly familiar with these learning methods, and also regarding the selection of suitable technologies and computer applications to achieve effective learning.

2. MANAGEMENT OF EMERGING RISKS

2.1 In order to support activities that maintain the skills of aeronautical personnel, measures were taken initially to adapt the regulations in force. In the case of aviation training centres and Aeronautical Regulation RAV 141 of Venezuela, the Aeronautical Authority issued ruling PRE-CJU-GDA-083-20, published in Official Gazette No. 41.845 on 23 March 2020, stating that non-face-to-face training could be temporarily applied in aviation training centres.

2.2 Furthermore, with a view to managing the hazards and risks identified in the non-face-to-face training process, the aeronautical authority of Venezuela issued advisory circular CA 005-001, providing direction and guidance to aeronautical service providers for the establishment and implementation of non-face-to-face training and distance learning (e-learning) on safety matters.

2.3 The guidance provided in this circular includes training strategies for the establishment of training periods, criteria for evaluation in a virtual environment, adjustments to teaching plans, schedules and sessions, tools providing effective audio-visual aids, and for understanding the cognitive process of students in this learning environment.

2.4 It also describes the various options in terms of systems, platforms and computer tools that are most suitable for the design of a virtual classroom and the selection of one or more options for the development and recording of the training process according to the size and complexity of the organisation.

2.5 The advisory circular is posted on the website www.inac.gob.ve in the section reserved for the publication of documentation associated with COVID 19.

3. **SUGGESTED ACTON**

3.1 The Virtual Meeting of Civil Aviation General Directors of SAM States is invited to:

- a) Take note of the information presented in this working paper.
- b) Consider the experiences and management strategies to address the challenges faced in maintaining the skills of aeronautical personnel during their non-face-to-face learning process.
- c) Consider the development of similar materials at the regional level to strengthen the non-face-to-face learning processes of aeronautical personnel in the different sectors of the industry.

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