



## ASSEMBLY — 35TH SESSION

### TECHNICAL COMMISSION

#### Agenda Item 24: ICAO Global Aviation Safety Plan (GASP)

#### WEIGHT AND BALANCE PROVISIONS AND DATA IN ACCIDENT AND INCIDENT REPORTS AND ADREP SUMMARIES

(Presented by Iran (Islamic Republic of))

##### SUMMARY

The purpose of this paper is to describe and develop to the extent possible the importance of weight and balance provisions and data in accident and incident reports and ADREP summary to ICAO.

Action by the Assembly is in paragraph 2.

#### 1. INTRODUCTION

1.1 Standards and Recommended Practices (SARPs) for the aircraft accident investigation adopted by the ICAO council designated as Annex 13 — *Aircraft Accident and Incident Investigation* to the convention on International Civil Aviation to make available competent experts for advice or consultation in the investigation of accidents and incidents.

1.2 The State of Operator shall forward and provide the State of Occurrence and the ICAO with details of weight and balance and weight distribution and configuration on board the aircraft.

1.3 Bearing in mind that the increased safety requirements, proper weight distribution plays a vital role in both safety and flight operation, and can be also recognized as an important technique for efficient operation.

1.4 Proper weight distribution and weight and also balance issues are highly significant factors in different segments of the flight, and it is expected that the flight performance of the aircraft to have an efficient flight control and stability. Furthermore, weight distribution regulations and procedures shall be followed verbatim and properly done, giving consideration to the centre of gravity limits and allowable maximum take-off weight, before the aircraft leaves the stand for departure.

**2. ACTION BY THE ASSEMBLY**

2.1 The Assembly is invited to ensure that weight and balance provisions are implemented and the information on accident and incident reports and ADREP summary is provided.

2.2 Contracting States are invited to establish a system to ensure that up-to-date information relating to proper weight distribution is easily accessible, and the regulations and procedures are met in flight operations (Passenger as well as cargo flights) and reported to the pilot as well as to the concerned Civil Aviation Authorities.

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