



AEROSPACE RECOMMENDED PRACTICE

ARP4102™/1

REV. A

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Superseding ARP4102/1

On-Board Weight and Balance System

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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1. SCOPE:

- 1.1 This document recommends criteria for the flight deck display of an On Board Weight and Balance System. The system may have the capability of a primary operational device or be a secondary advisory source of information of weight and center of gravity position.

The recommendations apply to transport aircraft and describe the operational and functional requirements for the display of an On Board Weight and Balance System.

2. REFERENCES:

- 2.1 Documentation: This annex should be used in conjunction with the ARP4102 Core Document. In addition, the following documents may be applicable:

- SAE S-7 ARP4101, Flight Deck Layout and Facilities
- SAE S-7 ARP4102/4, Flight Deck Alerting System (FAS)
- SAE S-7 ARP4102/7, Electronic Displays
- SAE S-7 ARP4102/9, Flight Management Computer System
- SAE S-7 ARP4105, Nomenclature and Abbreviations for use on the Flight Deck
- SAE AS8034, Airborne Multi-Purpose Electronic Displays

2.2 Definitions:

- 2.2.1 OBWBS: Aircraft On Board Weight and Balance System.