

AEROSPACE RECOMMENDED PRACTICE

SAE ARP583

REV.
H

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Superseding ARP583G

Flight Attendant Stations

FOREWORD

Flight attendant station design and location are directly related to the flight attendant's ability to successfully carry out safety-related responsibilities and evacuation duties.

1. SCOPE:

This SAE Aerospace Recommended Practice (ARP) provides guidance for the design and location of flight attendant stations, including emergency equipment installations at or near such stations, so as to enable the flight attendant to function effectively in emergency situations, including emergency evacuations.

Recommendations regarding design of flight attendant stations apply to all such stations; recommendations regarding location apply to those stations located near or adjacent to floor level exits.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this document to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

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2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AIR512	Aircraft Cabin Illumination
ARP577	Emergency Placarding – Internal and External
ARP767	Impact Protective Design of Occupant Environment – Transport Aircraft
ARP997	Passenger Cabin Emergency Equipment Stowage
ARP998	Crew Restraint System
ARP4712	Hand-Held Cabin Fire Extinguishers – Transport Aircraft
AS8049	Performance Standard for Seats in Civil Rotocraft and Transport Airplanes

2.2 FAA Publications:

Available from Federal Aviation Administration, 800 Independence Avenue, SW, Washington, DC 20591.

Advisory Circular AC 25.785-1, Flight Attendant Seat Requirements, U.S. Federal Aviation Administration

14 CFR 25 Airworthiness Standards, Transport Category Airplanes

2.3 EASA Publications:

Available from www.easa.eu.int.

CS-25 EASA Certification Specification for Large Aeroplanes

2.4 Definitions:

FLIGHT ATTENDANT STATION: The seat and restraint system occupied by a flight attendant, adjacent emergency equipment installations and the immediate passageway required for an emergency evacuation.

DIRECT VIEW: AC 25.785-1 provides definition.

3. RECOMMENDATIONS:

The following recommendations apply to the design and location of flight attendant stations, including related equipment and systems.

- 3.1 Flight attendant stations shall be located so that flight attendants can assist cabin occupants with rapid egress during an emergency evacuation, and can respond to in-flight emergencies.
- 3.2 At least one flight attendant station shall be located near each floor level exit to ensure that the flight attendant can access the exit, assess the outside conditions, and initiate evacuation within 15 seconds. Another location is acceptable if the emergency egress of passengers would be enhanced with that location.
 - 3.2.1 To the extent possible without compromising proximity to a required floor level exit, flight attendant stations shall be located so as to provide restrained flight attendants with a maximum direct view of the cabin for surveillance (Reference 14 CFR 25.785 and AC 25.785-1).
 - 3.2.2 In addition, means shall be provided in the immediate vicinity of the flight attendant station to assist an unrestrained flight attendant with visual assessment of the area outside of the associated exit.
- 3.3 Legible "No Smoking and/or Fasten Seat Belt" signs, other required illuminated signs, and call light indicators shall be in full view of the flight attendant(s) occupying any station. The signs and lights shall be visible under all lighting conditions during normal operation.
- 3.4 Emergency equipment required to perform emergency duties shall be positioned proximate to the flight attendant station except that another location is acceptable if the safety of passengers and crew would be enhanced by that location, e.g. fire extinguishers located near galleys and lavatories. Emergency equipment shall be placed in the same location at all flight attendant stations with the same configuration. Emergency equipment that shall be readily accessible to a seated flight attendant is a personal flotation device, primary oxygen and a flashlight. Equipment shall not be located above the head of the seated flight attendant unless the installation is designed to preclude this equipment from dislodging during emergency landing, flight, ground or turbulent loading conditions.
- 3.5 When a flight attendant station requires a communication device, such as a microphone, for intercommunication, public address and evacuation alarm systems, the device shall be accessible by a restrained flight attendant.
- 3.6 Equipment located at or near the flight attendant station shall be secured so that access to and release of the equipment from its security means can be accomplished with one hand and a self-apparent motion or action.