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AEROSPACE RECOMMENDED PRACTICE

SAE ARP583

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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:

The purpose of this SAE Aerospace Recommended Practice (ARP) is to provide guidelines 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 an emergency situation, either in-flight or during an evacuation.

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

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply.

2.1 SAE Publications:

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

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

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2.2 FAA Publications:

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

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

2.3 Definition:

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.

3. RECOMMENDATIONS:

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

3.1 Location of Flight Attendant Stations and Emergency Equipment:

- 3.1.1 Flight attendant stations shall be located so as to assist flight attendants in providing occupants with rapid egress in the event of an emergency and subsequent evacuation or to effectively handle an in-flight emergency.
- 3.1.2 At least one flight attendant station shall be located near each floor level exit, Type A or Type I, to ensure that the exit can be accessed, the outside conditions assessed, and an evacuation initiated within 15 seconds.
- 3.1.3 Flight attendant stations shall be located so as to provide restrained flight attendants with a maximum direct view of the cabin for surveillance (reference AC 25.785-1). In addition, means shall be provided for an unrestrained flight attendant to visually assess the area outside of an exit required for a safe emergency evacuation.
- 3.1.4 A legible "No Smoking/Fasten Seat Belt" sign and call light indicator 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.
- 3.1.5 Emergency equipment systems, as required for the performance of emergency duties, shall be positioned in close proximity to the flight attendant station unless there would be potential for flight attendant injury or another location would be more appropriate for the specific type of equipment, i.e., fire extinguishers located near galleys and lavatories.