

- (1) Last name.
- (2) First name.
- (3) Middle name or middle initial.
- (4) Date of birth.
- (5) Gender or sex (F=Female; M=Male).
- (6) Nationality.
- (7) Document number.
- (8) Country of document issuance.
- (9) Document type (e.g., P=Passport, V=Visa, A=Alien registration card).
- (10) Airline International Air Transport Association (IATA) carrier code or vessel name.
- (11) Airline flight number, or tail number for private or corporate aircraft;
- (12) Date and time of scheduled flight or vessel arrival into the United States.
- (13) Date and time of scheduled flight or vessel departure from the United States.
- (14) Port of arrival.
- (15) Port of departure.
- (16) Contact name and number.
- (17) Traveler status (e.g., P=Passenger, C=Crewmember).

Dated: October 7, 2002.

**James W. Ziglar,**

*Commissioner, Immigration and Naturalization Service.*

[FR Doc. 02-26027 Filed 10-10-02; 8:45 am]

**BILLING CODE 4410-10-M**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 25

[Docket No. NM231; Special Conditions No. 25-216-SC]

#### Special Conditions: Boeing Model 777-200 Series Airplanes; Overhead Crew Rest Compartments

**AGENCY:** Federal Aviation Administration (FAA), DOT.

**ACTION:** Final special conditions; request for comments.

**SUMMARY:** These special conditions are issued for Boeing Model 777-200 series airplanes. These airplanes, modified by Flight Structures Inc., will have a novel or unusual design feature associated with an overhead flightcrew rest compartment. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature. These special conditions contain the additional safety standards that the Administrator considers necessary to establish a level of safety equivalent to that established by the existing airworthiness standards.

**DATES:** The effective date of these special conditions is October 3, 2002.

Comments must be received on or before November 12, 2002.

**ADDRESSES:** Comments on this proposal may be mailed in duplicate to: Federal Aviation Administration (FAA), Transport Airplane Directorate, Attn: Rules Docket (ANM-113), Docket No. NM231, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; or delivered in duplicate to the Transport Airplane Directorate at the above address. Comments must be marked: Docket No. NM231. Comments may be inspected in the Rules Docket weekdays, except Federal holidays, between 7:30 a.m. and 4 p.m.

**FOR FURTHER INFORMATION CONTACT:** Alan Sinclair, FAA, Airframe/Cabin Safety Branch, ANM-115, Transport Airplane Directorate, Aircraft Certification Service, 1601 Lind Avenue SW., Renton, Washington, 98055-4056; telephone (425) 227-2195; facsimile (425) 227-1149.

#### SUPPLEMENTARY INFORMATION:

#### FAA's Determination as to Need for Public Process

The FAA has determined that notice and opportunity for prior public comment are unnecessary in accordance with 14 CFR 11.38, because the FAA has provided previous opportunities to comment on substantially identical special conditions, and has fully considered and addressed all the substantive comments received. Based on a review of the comment history and the comment resolution, the FAA is satisfied that new comments are unlikely. The FAA therefore finds that good cause exists for making these special conditions effective upon issuance.

#### Comments Invited

Although this action is in the form of final special conditions, and for the reasons stated above, is not preceded by notice and an opportunity for public comment, comments are invited on this rule. Interested persons are invited to participate in this rulemaking by submitting comments, data, or views. The most helpful comments reference a specific portion of the special conditions, explain the reason for any recommended change, and include supporting data. We ask that you send us two copies of written comments.

We will file in the docket all comments we receive, as well as a report summarizing each substantive public contact with FAA personnel concerning these special conditions. The docket is available for public inspection before and after the comment closing date. If you wish to review the

docket in person, go to the address in the **ADDRESSES** section of this preamble between 7:30 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

We will consider all comments we receive on or before the closing date for comments. We will consider comments filed late if it is possible to do so without incurring expense or delay. We may change these special conditions in light of the comments we receive.

If you want the FAA to acknowledge receipt of your comments on this proposal, include with your comments a pre-addressed, stamped postcard on which the docket number appears. We will stamp the date on the postcard and mail it back to you.

#### Background

On September 17, 2001, Flight Structures Inc., 4407 172 Street NE., Arlington, Washington, 98223, applied for a supplemental type certificate (STC) for installation of a Door 1 overhead flightcrew rest (OFCR) compartment in Boeing Model 777-200 series airplanes. The certification of the Alitalia Model 777-200 overhead crew rest is currently scheduled for October 9, 2002. The Boeing Model 777-200 series airplanes are large twin engine airplanes with various passenger capacities and ranges depending upon airplane configuration.

The OFCR compartment, adjacent to Door 1, is located in the overhead above the main passenger cabin and will include a maximum of two private berths, two seats, and a lavatory. Occupancy of the OFCR compartment will be limited to a maximum of four occupants.

The OFCR will be accessed from the main deck by stairs. In addition, an emergency hatch that opens directly into the main passenger cabin area will be provided for the compartment. A smoke detection system, an oxygen system, and occupant amenities will also be provided. This compartment will only be occupied in flight, not during taxi, takeoff, or landing.

Compliance with these proposed special conditions does not relieve the applicant from the existing airplane certification basis requirements. One particular area of concern is that the OFCR installation creates a smaller compartment volume within the overhead area of the airplane. The applicant must comply with the requirements of §§ 25.365(e), (f), and (g), for the overhead area compartment, as well as any other airplane compartments whose decompression characteristics are affected by the installation of a crew rest compartment. Compliance with § 25.831 must be

demonstrated for all phases of flight where occupants will be present.

The FAA considers OFCR compartment smoke or fire detection and fire suppression systems (including airflow management features that prevent hazardous quantities of smoke or fire extinguishing agent from entering any other compartment occupied by crewmembers or passengers) complex with respect to paragraph 6d of Advisory Circular (AC) 25.1309-1A, "System Design and Analysis." In addition, the FAA considers failure of the crew rest compartment fire protection system (*i.e.*, smoke or fire detection and fire suppression systems) in conjunction with a crew rest fire to be a catastrophic event. Based on the "Depth of Analysis Flowchart" shown in Figure 2 of AC 25.1309-1A, the depth of analysis should include both qualitative and quantitative assessments (reference paragraphs 8d, 9, and 10 of AC 25.1309-1A). In addition, it should be noted that flammable fluids, explosives, or other dangerous cargo are prohibited from being carried in the crew rest area.

The requirements to enable crewmember(s) quick entry to the crew rest compartment and to locate a fire source inherently places limits on the amount of baggage that may be carried and the size of the crew rest area. The FAA notes that the crew rest area is limited to stowage of crew personal luggage and it is not intended to be used for the stowage of cargo or passenger baggage. The design of such a system to include cargo or passenger baggage would require additional requirements to ensure safe operation.

The addition of galley equipment or a kitchenette incorporating a cook top or other heat source, or a stowage compartment greater than or equal to 25 ft<sup>3</sup>, into the crew rest compartment may require further special conditions to be considered.

Amendment 25-38 modified the requirements of § 25.1439(a) by adding, "In addition, protective breathing equipment must be installed in each isolated separate compartment in the airplane, including upper and lower lobe galleys, in which crewmember occupancy is permitted during flight for the maximum number of crewmembers expected to be in the area during any operation." The requirements of § 25.1439(a) apply to the OFCR compartment, which is an isolated separate compartment. However, the PBE requirements for isolated separate compartments of § 25.1439(a) are not appropriate because the OFCR compartment is novel and unusual in terms of the number of occupants. In

1976 when amendment 25-38 was adopted, small galleys were the only isolated compartments that had been certificated. A maximum of two crewmembers were expected to occupy those galleys. Special Condition No. 9 addresses crew rest compartments which can accommodate up to four crewmembers. This large number of occupants in an isolated compartment was not envisioned at the time amendment 25-38 was adopted. It is not appropriate for all occupants to don PBE in the event of a fire because the first action should be to leave the confined space unless the occupant is fighting the fire. Taking the time to don the PBE would prolong the time for the emergency evacuation of the occupants and possibly interfere with efforts to extinguish the fire.

#### Operational Evaluations and Approval

These special conditions outline requirements for OFCR compartment design approvals (*i.e.* type design changes and supplemental type certificates) administered by the FAA's Aircraft Certification Service. Prior to operational use of an OFCR compartment, the FAA's Flight Standards Service must evaluate and approve the "basic suitability" of the OFCR compartment for crew occupation. Additionally, if an operator wishes to utilize a flightcrew rest area as "sleeping quarters," the crew rest area must undergo an additional evaluation and approval (Reference §§ 121.485(a), 121.523(b) and 135.269(b)(5)). Compliance with these special conditions does not ensure that the requirements of part 121 or part 135 have been demonstrated.

In order to obtain an operational evaluation, the type design holder must contact the Aircraft Evaluation Group (AEG) in the Flight Standards Service and request a "basic suitability" evaluation or a "sleeping quarters" evaluation of their crew rest. The results of these evaluations must be documented in a 777 Flight Standardization Board (FSB) Report Appendix. Individual operators may then reference these standardized evaluations in discussions with their FAA Principal Operating Inspector (POI) as the basis for an operational approval, in lieu of an on-site operational evaluation.

Any changes to the approved OFCR compartment configuration that effect crewmember emergency egress or any other procedures affecting the safety of the occupying crewmembers and/or related training shall require a re-evaluation and approval. The applicant for a crew rest design change that affects

egress, safety procedures, or training is responsible for notifying the FAA's AEG that a new crew rest evaluation is required.

Procedures must be developed to assure that a crewmember entering the OFCR through the vestibule to fight a fire will examine the vestibule and the lavatory areas for the source of the fire prior to entering the remaining areas of the crew rest compartment. These procedures are intended to assure that the source of the fire is not between the crewmember and the primary exit.

#### Type Certification Basis

Under the provisions of § 21.101, Amendment 21-69, effective September 16, 1991, Flight Structures Inc., must show that the Boeing Model 777-200, as changed, continues to meet the applicable provisions of the regulations incorporated by reference in Type Certificate Data Sheet No. T00001SE or the applicable regulations in effect on the date of application for the change. Subsequent changes have been made to § 21.101 as part of Amendment 21-77, but those changes do not become effective until June 10, 2003. The regulations incorporated by reference in the type certificate are commonly referred to as the "original type certification basis." The regulations incorporated by reference in Type Certificate No. T00001SE for the Boeing Model 777-200 series airplanes include 14 CFR part 25, as amended by Amendments 25-1 through 25-82. The U.S. type certification bases for the Boeing Model 777-200 series airplanes is established in accordance with 14 CFR 21.17 and 21.29 and the type certification application date. The type certification basis is listed in Type Certificate Data Sheet No. T00001SE.

If the Administrator finds that the applicable airworthiness regulations (*i.e.*, 14 CFR part 25) do not contain adequate or appropriate safety standards for the Boeing Model 777-200 series airplanes because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

In addition to the applicable airworthiness regulations and special conditions, Boeing Model 777-200 series airplanes must comply with the fuel vent and exhaust emission requirements of 14 CFR part 34 and the noise certification requirements of 14 CFR part 36.

Special conditions, as defined in § 11.19, are issued in accordance with § 11.38 and become part of the type certification basis in accordance with § 21.101(b)(2), Amendment 21-69, effective September 16, 1991.

Special conditions are initially applicable to the model for which they are issued. Should the applicant apply for a supplemental type certificate to modify any other model included on the same type certificate to incorporate the same novel or unusual design feature, the special conditions would also apply to the other model under the provisions of § 21.101(a)(1), Amendment 21-69, effective September 16, 1991.

#### **Novel or Unusual Design Features**

While the installation of a crew rest compartment is not a new concept for large transport category airplanes, each compartment design has unique features by virtue of its design, location, and use on the airplane. Previously, crew rest compartments have been evaluated that are installed within the main passenger compartment area of the Boeing Model 777-200 and Model 777-300 series airplanes and the overhead area of the passenger compartment of the 777-200. Other crew rest compartments have been installed below the passenger cabin area, adjacent to the cargo compartment. Similar overhead crew rest compartments have also been installed on the Boeing Model 747 airplane. The interfaces of the modification are evaluated within the interior and assessed in accordance with the certification basis of the airplane. However, part 25 does not provide all the requirements for crew rest compartments within the overhead area of the passenger compartment. Further, these special conditions do not negate the need to address other applicable part 25 regulations.

Due to the novel or unusual features associated with the installation of this crew rest compartment, special conditions are considered necessary to provide a level of safety equal to that established by the airworthiness regulations incorporated by reference in the type certificate.

#### **Prior Comment**

During a previous publication of the substantially identical special conditions a comment was received after the comment period had closed. The commenter thought requiring placards prohibiting storage of "hazardous quantities of flammable fluids" was unnecessary and a duplication of International Air Transport Association (IATA) Dangerous Goods Regulations, specially, "Provisions for Dangerous Goods Carried by Passengers or Crew." The FAA concurs with the commenter that the placard requirement is similar to the IATA requirement, however based on several factors the FAA finds that the

duplication is warranted and consistent with maintaining an equivalent level of safety. While flammable fluid placards are not required in the passenger cabin, it is also an occupied area with a high degree of monitoring by passengers and crew. By contrast the crew rest may go unoccupied for long periods of time. The fire protection methods employed for this type of remote area are predicated on minimization of flammable materials.

#### **Applicability**

As discussed above, these special conditions are applicable to the Model 777-200 series airplanes. Should Flight Structures Inc., apply at a later date for a supplemental type certificate to modify any other model included on Type Certificate Data Sheet No. T00001SE to incorporate the same novel or unusual design feature, these special conditions would apply to that model as well under the provisions of § 21.101(a)(1) Amendment 21-69, effective September 16, 1991.

#### **List of Subjects in 14 CFR Part 25**

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

The authority citation for these special conditions is as follows:

**Authority:** 49 U.S.C. 106(g), 40113, 44701, 44702, 44704.

#### **The Special Conditions**

Accordingly, pursuant to the authority delegated to me by the Administrator, the following special conditions are issued as part of the type certification basis for Boeing Model 777-200 series airplanes, modified by Flight Structures Inc., with an overhead flightcrew rest (OFCR) compartment.

1. Occupancy of the OFCR compartment is limited to the total number of installed bunks and seats in each compartment. There must be an approved seat or berth able to withstand the maximum flight loads when occupied for each occupant permitted in the OFCR compartment. The maximum occupancy is four in the OFCR compartment.

(a) There must be appropriate placards, inside and outside each entrance to the OFCR compartment to indicate:

(1) The maximum number of occupants allowed,

(2) That occupancy is restricted to crewmembers that are trained in the evacuation procedures for the OFCR compartment,

(3) That occupancy is prohibited during taxi, take-off and landing,

(4) That smoking is prohibited in the OFCR compartment, and

(5) That hazardous quantities of flammable fluids, explosives, or other dangerous cargo are prohibited from the OFCR compartment.

(b) There must be at least one ashtray on the inside and outside of any entrance to the OFCR compartment.

(c) There must be a means to prevent passengers from entering the OFCR compartment in the event of an emergency or when no flight attendant is present.

(d) There must be a means for any door installed between the OFCR compartment and passenger cabin to be capable of being quickly opened from inside the compartment, even when crowding occurs at each side of the door.

(e) For all doors installed, there must be a means to preclude anyone from being trapped inside the OFCR compartment. If a locking mechanism is installed, it must be capable of being unlocked from the outside without the aid of special tools. The lock must not prevent opening from the inside of the compartment at any time.

2. There must be at least two emergency evacuation routes, which could be used by each occupant of the OFCR compartment to rapidly evacuate to the main cabin and be able to be closed from the main passenger cabin after evacuation. In addition—

(a) The routes must be located with sufficient separation within the OFCR compartment, and between the evacuation routes, to minimize the possibility of an event rendering both routes inoperative.

(b) The routes must be designed to minimize the possibility of blockage, which might result from fire, mechanical or structural failure, or persons standing below or against the escape route. One of the two evacuation routes should not be located where, during times in which occupancy is allowed, normal movement by passengers occurs (*i.e.* main aisle, cross aisle or galley complex) that would impede egress of the OFCR compartment. If an evacuation route utilizes an area where normal movement of passengers occurs, it must be demonstrated that passengers would not impede egress to the main deck. If there is low headroom at or near the evacuation route, provisions must be made to prevent or to protect occupants (of the OFCR area) from head injury. The use of evacuation routes must not be dependent on any powered device. If the evacuation path is over an area where there are passenger seats, a maximum of one row of passengers may be displaced from their seats temporarily during the evacuation

process of an incapacitated person(s). If the evacuation procedure involves the evacuee stepping on seats, the seats must not be damaged to the extent that they would not be acceptable for occupancy during an emergency landing.

(c) Emergency evacuation procedures and the emergency evacuation of incapacitated occupant procedures must be established and transmitted to the operator for incorporation into their training programs and appropriate operational manuals. If the evacuation path is over an area where there are passenger seats, a maximum of one row of passengers may be displaced from their seats temporarily during the evacuation process.

(d) There must be a limitation in the Airplane Flight Manual or other suitable means requiring that crewmembers be trained in the use of evacuation routes.

3. There must be a means for the evacuation of an incapacitated person (representative of a ninety-fifth percentile male) from the OFCR compartment to the passenger cabin floor.

(a) The evacuation must be demonstrated for all evacuation routes. A flight crewmember or other crewmember (a total of one assistant within the OFCR area) may provide assistance in the evacuation. Additional assistance may be provided by up to three persons in the main passenger compartment. These additional assistants must be standing on the floor while providing assistance. For evacuation routes having stairways, the additional assistants may ascend up to one half the elevation change from the main deck to the OFCR compartment, or to the first landing, whichever is lower.

(b) Procedures for the evacuation of an incapacitated person from the OFCR compartment must be established.

4. The following signs and placards must be provided in the OFCR compartment:

(a) At least one exit sign, located near each exit, meeting the requirements of § 25.812(b)(1)(i), except that a sign of reduced background area with no less than 5.3 square inches (excluding the letters) may be utilized, provided that it is installed such that the material surrounding the exit sign is light in color (e.g. white, cream, light beige). If the material surrounding the exit sign is not light in color, a sign with a minimum of a one-inch wide background border around the letters would also be acceptable.

(b) An appropriate placard located near each exit defining the location and the operating instructions for each evacuation route.

(c) Placards must be readable from a distance of 30 inches under emergency lighting conditions.

(d) The exit handles and evacuation path operating instruction placards must be illuminated to at least 160 microlamberts under emergency lighting conditions.

5. There must be a means in the event of failure of the aircraft's main power system, or of the normal OFCR compartment lighting system, for emergency illumination to be automatically provided for the crew rest compartment.

(a) This emergency illumination must be independent of the main lighting system.

(b) The sources of general cabin illumination may be common to both the emergency and the main lighting systems if the power supply to the emergency lighting system is independent of the power supply to the main lighting system.

(c) The illumination level must be sufficient for the occupants of the OFCR compartment to locate and transfer to the main passenger cabin floor by means of each evacuation route.

6. There must be means for two-way voice communications between crewmembers on the flightdeck and occupants of the OFCR compartment. There must also be two-way communications between the occupants of the OFCR compartment and each flight attendant station required to have a public address system microphone per § 25.1423(g) in the passenger cabin.

7. There must be a means for manual activation of an aural emergency alarm system, audible during normal and emergency conditions, to enable crewmembers on the flightdeck and at each pair of required floor level emergency exits to alert occupants of the OFCR compartment of an emergency situation. Use of a public address or crew interphone system would be acceptable, providing an adequate means of differentiating between normal and emergency communications is incorporated. The system must be powered in flight, after the shutdown or failure of all engines and auxiliary power units (APU), or the disconnection or failure of all power sources dependent on their continued operation (i.e. engine and APU), for a period of at least ten minutes.

8. There must be a means, readily detectable by seated or standing occupants of the OFCR compartment, which indicates when seat belts should be fastened. In the event there are no seats, at least one means must be provided to cover anticipated turbulence (e.g. sufficient handholds).

Seat belt type restraints must be provided for berths and must be compatible for the sleeping attitude during cruise conditions. There must be a placard on each berth requiring that seat belts must be fastened when occupied. If compliance with any of the other requirements of these special conditions is predicated on specific head location, there must be a placard identifying the head position.

9. In lieu of the requirements specified in § 25.1439(a) that pertain to isolated compartments and to provide a level of safety equivalent to that which is provided occupants of a small isolated galley, the following equipment must be provided in the OFCR compartment:

(a) At least one approved hand-held fire extinguisher appropriate for the kinds of fires likely to occur;

(b) Two protective breathing equipment (PBE) devices, approved to Technical Standard Order (TSO)-C116 or equivalent, suitable for fire fighting or one PBE for each hand-held fire extinguisher, whichever is greater; and

(c) One flashlight.

10. A smoke or fire detection system (or systems) must be provided that monitors each area within the OFCR compartment including those areas partitioned by curtains. Flight tests must be conducted to show compliance with this requirement. Each system (or systems) must provide:

(a) A visual indication to the flightdeck within one minute after the start of a fire;

(b) An aural warning in the OFCR compartment; and

(c) A warning in the main passenger cabin. This warning must be readily detectable by a flight attendant, taking into consideration the positioning of flight attendants throughout the main passenger compartment during various phases of flight.

11. The OFCR compartment must be designed such that fires within the compartment can be controlled without a crewmember having to enter the compartment, or the design of the access provisions must allow crewmembers equipped for fire fighting to have unrestricted access to the compartment. The time for a crewmember on the main deck to react to the fire alarm, to don the fire fighting equipment, and to gain access must not exceed the time for the compartment to become smoke-filled, making it difficult to locate the fire source.

12. There must be a means provided to exclude hazardous quantities of smoke or extinguishing agent originating in the OFCR compartment from entering any other compartment

occupied by crewmembers or passengers. This means must include the time periods during the evacuation of the crew rest compartment and, if applicable, when accessing the crew rest compartment to manually fight a fire. Smoke entering any other compartment occupied by crewmembers or passengers after opening the OFCR access door must dissipate within five minutes after closing the access to the OFCR compartment. Flight tests must be conducted to show compliance with this requirement.

If a built-in fire extinguishing system is used in lieu of manual fire fighting, then the fire extinguishing system must be designed so that no hazardous quantities of extinguishing agent will enter other compartments occupied by passengers or crew; the system must have adequate capacity to suppress any fire occurring in the OFCR compartment, considering the fire threat, volume of the compartment and the ventilation rate.

13. There must be a supplemental oxygen system equivalent to that provided for main deck passengers for each seat and berth in the OFCR compartment. The system must provide an aural and visual warning to warn the occupants of the crew rest compartment to don oxygen masks in the event of decompression. The warning must activate before the cabin pressure altitude exceeds 15,000 feet. The aural warning must sound continuously until a reset push button in the OFCR compartment is depressed.

14. The following requirements apply to OFCR compartments that are divided into several sections by the installation of curtains or partitions:

(a) To compensate for sleeping occupants, there must be an aural alert that can be heard in each section of the OFCR compartment that accompanies automatic presentation of supplemental oxygen masks. A minimum of two supplemental oxygen masks are required in each section whether or not seats or berths are installed in each section. There must also be a means by which the oxygen masks can be manually deployed from the flightdeck.

(b) A placard is required adjacent to each curtain that visually divides or separates, for privacy purposes, the OFCR compartment into small sections. The placard must require that the curtain(s) remain open when the private section it creates is unoccupied. The vestibule section adjacent to the stairway is not considered a private area and, therefore, does not require a placard.

(c) For each OFCR section created by the installation of a curtain, the

following requirements of these special conditions must be met with the curtain open or closed:

- (1) No smoking placard (Special Condition No. 1),
- (2) Emergency illumination (Special Condition No. 5),
- (3) Emergency alarm system (Special Condition No. 7),
- (4) Seat belt fasten signal or return to seat signal as applicable (Special Condition No. 8), and
- (5) The smoke or fire detection system (Special Condition No. 10).

(d) Overhead crew rest compartments visually divided to the extent that evacuation could be affected must have exit signs that direct occupants to the primary stairway exit. The exit signs must be provided in each separate section of the OFCR compartment, and must meet the requirements of § 25.812(b)(1)(i).

(e) Sections within an OFCR compartment that are created by the installation of a rigid partition with a door physically separating the sections, the following requirements of these special conditions must be met with the door open or closed:

(1) There must be a secondary evacuation route from each section to the main deck, or alternatively, it must be shown that any door between the sections has been designed to preclude anyone from being trapped inside the compartment. Removal of an incapacitated occupant within this area must be considered.

(2) Any door between the sections must be shown to be openable when crowded against, even when crowding occurs at each side of the door.

(3) There may be no more than one door between any seat or berth and the primary stairway exit.

(4) There must be exit signs in each section meeting the requirements of § 25.812(b)(1)(i) that direct occupants to the primary stairway exit. An exit sign with reduced background area as described in Special Condition No. 4(a) may be used to meet this requirement.

(f) For each smaller section within the main OFCR compartment created by the installation of a partition with a door, the following requirements of these special conditions must be met with the door open or closed:

- (1) No smoking placards (Special Condition No. 1),
- (2) Emergency illumination (Special Condition No. 5),
- (3) Two-way voice communication (Special Condition No. 6),
- (4) Emergency alarm system (Special Condition No. 7),
- (5) Seat belt fasten signal or return to seat signal as applicable (Special Condition No. 8),

(6) Emergency fire fighting and protective equipment (Special Condition No. 9), and

(7) Smoke or fire detection system (Special Condition No. 10).

15. The requirements of two-way voice communication with the flightdeck and provisions for emergency firefighting and protective equipment are not applicable to lavatories or other small areas that are not intended to be occupied for extended periods of time.

16. Where a waste disposal receptacle is fitted, it must be equipped with an automatic fire extinguisher that meets the performance requirements of § 25.854(b).

17. Materials (including finishes or decorative surfaces applied to the materials) must comply with the flammability requirements of § 25.853(a) as amended by Amendment 25-83. Mattresses must comply with the flammability requirements of § 25.853(c), as amended by Amendment 25-83.

Issued in Renton, Washington, on October 3, 2002.

**Ali Bahrami,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*

[FR Doc. 02-25929 Filed 10-10-02; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF LABOR

### Mine Safety and Health Administration

#### 30 CFR Part 47

#### RIN 1219-AA47

#### Hazard Communication (HazCom)

**AGENCY:** Mine Safety and Health Administration (MSHA), Labor.

**ACTION:** Final rule; correction.

**SUMMARY:** This document corrects errors that appeared in MSHA's preamble and final rule for Hazard Communication.

**EFFECTIVE DATE:** October 11, 2002.

#### FOR FURTHER INFORMATION CONTACT:

Marvin W. Nichols, Jr., Director, Office of Standards, Regulations, and Variances, MSHA, 202-693-9440.

**SUPPLEMENTARY INFORMATION:** On June 21, 2002, we (MSHA) published, in the *Federal Register* (67 FR 42314), our final rule on Hazard Communication for the mining industry. This document contained errors and omissions that must be corrected; therefore, the document is corrected as follows:

1. On page 42335, third column, second paragraph, ninth line, correct "provides valuable," to read "provides valuable guidance,".