

*Special Condition 6b.* requires that the ladders have essentially rectangular treads.

*Special Condition 6c* requires that general illumination of at least 0.05 foot-candle, when measured along the centerlines of each tread, must be provided.

### Applicability

As discussed above, these special conditions are applicable to the Boeing Model 747SP airplane. Should JRG Design Inc. apply at a later date for a supplemental type certificate to modify any other model included on Type Certificate A20WE to incorporate the same novel or unusual design feature, the special conditions would apply to that model as well under the provisions of § 21.101(a)(1) Amendment 21-69, effective September 16, 1991.

Under standard practice, the effective date of final special conditions would be 30 days after the date of publication in the **Federal Register**. However, the issuance of a supplemental type certificate data sheet for the Boeing Model 747SP, as modified by JRG Design Inc., is imminent. The FAA finds, therefore, that good cause exists to make these special conditions effective upon issuance.

### Conclusion

This action affects only certain novel or unusual design features on one model of airplane. It is not a rule of general applicability, and it affects only the applicant which applied to the FAA for approval of these features on the airplane.

### 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 the Boeing Model 747SP-68 airplane modified by JRG Design Inc. to include an aft lower lobe compartment configured for use as both a service compartment and a Class C cargo compartment.

#### 1. Visible and Audible Warnings

In addition to the audible warnings about detection of fire or smoke or decompression which are required by § 25.819(c), the following warnings are required:

a. A visible advisory in the cockpit to notify the flightcrew when the aft lower lobe service/cargo compartment is occupied. The advisory light must be accompanied by a placard or message indicating that the compartment is occupied.

b. An (on/off) visible warning stating "Do Not Enter" (or similar words) located outside and on or near the door from the main deck to the aft lower lobe service/cargo compartment. The warning is to be controlled from the flight deck.

c. A visible and audible warning in the aft lower lobe service/cargo compartment to notify an occupant when he or she must evacuate the compartment. The warning must be one which can be seen and heard from any part of the compartment. The warning is to be controlled from the flight deck.

d. A visible and audible warning in the aft lower lobe service/cargo compartment which in the event of decompression warns an occupant of the need to use a portable oxygen bottle. This warning must be one which can be seen and heard from any part of the compartment and must be distinct from other warnings in the compartment. The decompression warning must be automatic (*i.e.*, not require separate crew action), to ensure that an occupant of the aft lower lobe service/cargo compartment does not delay using a portable oxygen bottle. This section of the special condition is partially in lieu of the visible effect provided by the automatic presentation feature required by § 25.1447.

e. A visible and audible warning in the aft lower lobe service/cargo compartment—which in the event of a fire—warns an occupant of the need to evacuate the compartment. This warning must be one which can be seen and heard from any part of the compartment and should be distinct from other warnings in the compartment. The fire or smoke detection warning must be automatic (*i.e.*, not require a separate crew action) to ensure that an occupant of the aft lower lobe service/cargo compartment leaves before the flight deck crew releases fire suppressant.

#### 2. Placards and Limitations

In addition to those required in part 25, the following placards and limitations are required:

a. A placard located outside the hatch to the aft lower lobe service/cargo compartment, indicating that access to the compartment is limited to one crewmember trained in evacuation procedures.

b. A placard located inside and outside the hatches on the aft lower lobe service/cargo compartment, indicating that the compartment hatches must remain closed, except when someone is entering, occupying, or leaving the compartment.

c. In lieu of compliance with § 25.819(f), a placard must be installed inside and outside the hatches on the aft lower lobe service/cargo compartment, indicating that occupancy of the compartment should be of minimum duration.

d. A limitation in the AFM and a placard inside and outside the hatches to the aft lower lobe service/cargo compartment, all stating that (1) the aft lower lobe service/cargo compartment must not be occupied during taxi, takeoff, or landing or during a fire and (2) only authorized personnel are permitted access.

e. Instructions in the AFM regarding permissible occupancy of the compartment; limitations on occupancy of the compartment during taxi, takeoff or landing; procedures for warning occupants of the compartment that smoke or fire has been detected; procedures for fighting a fire in the compartment; procedures for warning occupants of the compartment that decompression has occurred; and cargo loading restrictions in the weight and balance manual.

f. A Limitation in the AFM

Supplement stating that:

"Carriage of hazardous material and/or weapons in the aft lower lobe service/cargo compartment is prohibited unless the following conditions are met:

(1) The compartment is locked during flight, and the key remains with the flight crew, or

(2) The airplane is not operated for hire or offered for common carriage. This provision does not preclude the operator from receiving remuneration to the extent consistent with 14 CFR part 125, 14 CFR part 91, and subpart F, as applicable."

#### 3. Equipment

In addition to that required by §§ 25.819 and 25.829(a), the following equipment is required:

a. A portable oxygen bottle must be mounted outside each main deck entrance of the aft lower lobe service/cargo compartment. The portable oxygen bottle must be sufficient to supply a member of the flightcrew who is occupying the aft lower lobe service/cargo compartment and must be carried by the flightcrew member.

b. Flashlights or other supplemental handheld lighting, in addition to the emergency illumination required by