

**Subpart B—[Removed and Reserved]**

- 4. Remove and reserve subpart B, consisting of §§ 365.101 through 365.105, and appendix A to subpart B.

**PART 390—REGULATIONS TRANSFERRED FROM THE OFFICE OF THRIFT SUPERVISION**

- 5. The authority citation for part 390 continues to read as follows:

Authority: 12 U.S.C. 1819.

**Subpart P—[Removed and Reserved]**

- 6. Remove and reserve Subpart P, consisting of §§ 390.260 through 390.272.

Federal Deposit Insurance Corporation.

By order of the Board of Directors.

Dated at Washington, DC, on June 18, 2019.

**Valerie Best,**

*Assistant Executive Secretary.*

[FR Doc. 2019-13449 Filed 6-28-19; 8:45 am]

BILLING CODE 6714-01-P

**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 25**

[Docket No. FAA-2018-1036; Special Conditions No. 25-751-SC]

**Special Conditions: Dassault Aviation Model Falcon 7X Airplanes; Large Non-Structural Glass in the Passenger Compartment**

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

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

**SUMMARY:** These special conditions are issued for the Dassault Aviation (Dassault) Model Falcon 7X airplane. This airplane will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport-category airplanes. This design feature is the installation of large, non-structural glass panels in the passenger 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:** This action is effective on Dassault on July 1, 2019. Send comments on or before August 15, 2019.

**ADDRESSES:** Send comments identified by Docket No. FAA-2018-1036 using any of the following methods:

- *Federal eRegulations Portal:* Go to <http://www.regulations.gov/> and follow the online instructions for sending your comments electronically.

- *Mail:* Send comments to Docket Operations, M-30, U.S. Department of Transportation (DOT), 1200 New Jersey Avenue SE, Room W12-140, West Building Ground Floor, Washington, DC, 20590-0001.

- *Hand Delivery or Courier:* Take comments to Docket Operations in Room W12-140 of the West Building Ground Floor at 1200 New Jersey Avenue SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

- *Fax:* Fax comments to Docket Operations at 202-493-2251.

*Privacy:* The FAA will post all comments it receives, without change, to <http://www.regulations.gov/>, including any personal information the commenter provides. Using the search function of the docket website, anyone can find and read the electronic form of all comments received into any FAA docket, including the name of the individual sending the comment (or signing the comment for an association, business, labor union, etc.). DOT's complete Privacy Act Statement can be found in the **Federal Register** published on April 11, 2000 (65 FR 19477-19478).

*Docket:* Background documents or comments received may be read at <http://www.regulations.gov/> at any time. Follow the online instructions for accessing the docket or go to Docket Operations in Room W12-140 of the West Building Ground Floor at 1200 New Jersey Avenue SE, Washington, DC, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

**FOR FURTHER INFORMATION CONTACT:** Shannon Lennon, FAA, Airframe and Cabin Safety Branch, AIR-675, Aircraft Certification Service, 2200 S 216th St., Des Moines, Washington 98198-6547; telephone and fax 206-231-3209.

**SUPPLEMENTARY INFORMATION:** The substance of these special conditions previously has been published in the **Federal Register** for public comment. These special conditions have been derived without substantive change from those previously issued. It is unlikely that prior public comment would result in a significant change from the substance contained herein. Therefore, the FAA has determined that prior public notice and comment are unnecessary, and finds that, for the same reason, good cause exists for adopting these special conditions upon publication in the **Federal Register**.

**Comments Invited**

We invite interested people to take part in this rulemaking by sending written 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 will consider all comments we receive by the closing date for comments. We may change these special conditions based on the comments we receive.

**Background**

On June 14, 2016, Dassault applied for a change to Type Certificate No. A59NM for installation of large, non-structural glass panels in the passenger compartment in Model Falcon 7X airplanes. The Model Falcon 7X airplane has three turbofan engines. The airplane will have a maximum takeoff weight of 73,000 lbs, capacity for 2 crewmembers, and seating for 19 passengers.

**Type Certification Basis**

Under the provisions of title 14, Code of Federal Regulations (14 CFR) 21.101, Dassault must show that the Model Falcon 7X airplane, as changed, continues to meet the applicable provisions of the regulations listed in type certificate no. A59NM, or the applicable regulations in effect on the date of application for the change, except for earlier amendments as agreed upon by the FAA.

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 Dassault Model Falcon 7X airplane because of a novel or unusual design feature, special conditions are prescribed under the provisions of § 21.16.

Special conditions are initially applicable to the model for which they are issued. Should the type certificate for that model be amended later to include any other model that incorporates the same novel or unusual design feature, or should any other model already included on the same type certificate be modified to incorporate the same novel or unusual design feature, these special conditions would also apply to the other model under § 21.101.

In addition to the applicable airworthiness regulations and special conditions, the Dassault Model Falcon 7X airplane 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.

The FAA issues special conditions, as defined in 14 CFR 11.19, in accordance with § 11.38, and they become part of the type certification basis under § 21.101.

### Novel or Unusual Design Features

The Dassault Model Falcon 7X airplane will have a novel or unusual design feature associated with the installation of large, non-structural glass panels in the cabin area occupied by passengers and crew. Possible installations of large, non-structural glass items include, but are not limited to, the following items:

- Glass partitions.
- Glass floor installations.
- Glass attached to the ceiling.
- Glass parts integrated in a stairway.
- Wall- or door-mounted mirrors and glass panels.
- Mirrors as part of a door blow-out panel.
- Glass plate installed in a doorframe.
- Washstand with glass panel.

The installation of these glass items in the passenger compartment, which can be occupied during taxi, takeoff, and landing (TT&L), is a novel or unusual design feature with respect to the installed material. The applicable airworthiness regulations do not contain adequate or appropriate safety standards for this design feature.

### Discussion

The use of glass results in trade-offs between the one unique characteristic of glass—its capability for undistorted or controlled light transmittance, or transparency—and the negative aspects of the material. Glass, in its basic form as annealed, untreated sheet, plate, or float glass, when compared to metals, is extremely notch-sensitive, has a low fracture resistance, has a low modulus of elasticity, and can be highly variable in its properties. While reasonably strong, it is nonetheless not a desirable material for traditional airplane applications because it is heavy (about the same density as aluminum), and when it fails, it breaks into extremely sharp fragments that have the potential for injury, and which have been known to be lethal. Thus, the use of glass traditionally was limited to windshields, and instrument or display transparencies. The regulations in § 25.775 only address, and likewise only recognize, the unique use of glass in windshield or window applications where no other material will serve. This regulation does address the adverse properties of glass, but pilots

occasionally are injured from shattered glass windshields.

The FAA divides other uses of glass in the passenger cabin into four groups. These groups were created to address the practical and functional uses of glass. The four groups are as follows:

The first group is glass items installed in rooms or areas in the cabin that are not occupied during TT&L, and a person does not have to enter or pass through the room or area to get to any emergency exit.

The second group is glass integrated into a functional device the operation of which is dependent upon the characteristics of glass, such as instrument or indicator protective transparencies, or monitor screens such as liquid crystal displays or plasma displays. This group may be installed in any area in the cabin regardless of occupancy during TT&L. Acceptable means of compliance for these items may depend on the size and specific location of the device containing the glass.

The third group is small glass items installed in occupied rooms or areas during TT&L, or rooms or areas that a person does not have to enter or pass through to get to any emergency exit. The FAA defines a small glass item as less than 8.8 lbs (4 kg) in mass.

The fourth group is large glass items, the subject of these special conditions, installed in occupied rooms or areas during TT&L, or rooms or areas that a person must enter or pass through to get to any emergency exit. A large glass item is defined as 8.8 lbs (4 kg) or greater in mass. Groups of glass items that collectively weigh 4 kg or more would also be included. The mass is based on the amount of glass that becomes hazardous in high inertial loads.

The glass items in groups one, two, and three are restricted to applications where the potential for injury is either highly localized, such as flight-instrument faces, or the location is such that injury due to failure of the glass is unlikely, for example mirrors in lavatories, because these installations necessitate the use of glass. These glass items typically are addressed in a method-of-compliance issue paper for each project based on existing part 25 regulations, or in established policy. These issue papers identify specific tests that could include abuse loading and ball-impact testing. In addition, these items are subject to the inertia loads contained in § 25.561, and maximum positive-differential pressure for items like video monitors to meet § 25.789.

The items in group four are much larger and heavier than previously approved, and raise additional safety concerns. These large, heavy glass panels, primarily installed as architectural features, were not envisioned in the regulations. The unique aspects of glass, with the potential to become highly injurious or lethal objects during emergency landing, minor crash conditions, or in flight, warrant a unique approach to certification that addresses the characteristics of glass that prevented its use in the past. These special conditions were developed to ensure that airplanes with large glass features in passenger cabins provide the same level of safety as airplanes using traditional, lightweight materials. The FAA reiterates this intention in the text of the special conditions by qualifying their use for group four glass items.

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.

### Applicability

As discussed above, these special conditions are applicable to Dassault Model Falcon 7X airplanes. Should Dassault apply at a later date for a change to the type certificate to include another model incorporating the same novel or unusual design feature, these special conditions would apply to that model as well.

### Conclusion

This action affects only certain novel or unusual design features on one model series of airplane. It is not a rule of general applicability.

### List of Subjects in 14 CFR Part 25

Aircraft, Aviation safety, Reporting and recordkeeping requirements.

### Authority Citation

The authority citation for these special conditions is as follows:

**Authority:** 49 U.S.C. 106(f), 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 Dassault Model Falcon 7X airplane.

For large glass items (a single item, or a collective group of glass items, that weigh 4 kg or more in mass) installed in passenger-occupied rooms or areas during taxi, takeoff, and landing, or

installed in rooms or areas that occupants must enter or pass through to access any emergency exit, the glass installations on the Dassault Model Falcon 7X airplane must meet the following conditions:

1. *Material Fragmentation*—The applicant must use tempered or otherwise treated glass to ensure that, when fractured, the glass breaks into small pieces with relatively dull edges. The glass component installation must retain glass fragments to minimize the danger from flying glass shards or pieces. The applicant must demonstrate this characteristic by impact and puncture testing, and testing to failure. The applicant may conduct this test with or without any glass coating that may be utilized in the design.

2. *Strength*—In addition to meeting the load requirements for all flight and landing loads, including any of the applicable emergency-landing conditions in subparts C & D of 14 CFR part 25, the glass components that are located such that they are not protected from contact with cabin occupants must not fail due to abusive loading, such as impact from occupants stumbling into, leaning against, sitting on, or performing other intentional or unintentional forceful contact with the glass component. The applicant must assess the effect of design details such as geometric discontinuities or surface finish, including but not limited to embossing and etching.

3. *Retention*—The glass component, as installed in the airplane, must not come free of its restraint or mounting system in the event of an emergency landing, considering both the directional loading and resulting rebound conditions. The applicant must assess the effect of design details such as geometric discontinuities or surface finish, including but not limited to embossing and etching.

4. *Instructions for Continued Airworthiness*—The instructions for continued airworthiness must reflect the method used to fasten the panel to the cabin interior and must ensure the reliability of the methods used (e.g., life limit of adhesives, or clamp connection). The applicant must define any inspection methods and intervals based upon adhesion data from the manufacturer of the adhesive, or upon actual adhesion-test data, if necessary.

Issued in Des Moines, Washington, on June 20, 2019.

**Christopher R. Parker,**

*Acting Manager, Transport Standards Branch, Policy and Innovation Division, Aircraft Certification Service.*

[FR Doc. 2019-14009 Filed 6-28-19; 8:45 am]

**BILLING CODE 4910-13-P**

## DEPARTMENT OF TRANSPORTATION

### Federal Aviation Administration

#### 14 CFR Part 25

[Docket No. FAA-2018-1037; Special Conditions No. 25-750-SC]

#### Special Conditions: Dassault Aviation Model Falcon 900EX Airplanes; Large Non-Structural Glass in the Passenger Compartment

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

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

**SUMMARY:** These special conditions are issued for the Dassault Aviation (Dassault) Model Falcon 900EX airplane. This airplane will have a novel or unusual design feature when compared to the state of technology envisioned in the airworthiness standards for transport-category airplanes. This design feature is the installation of large, non-structural glass panels in the passenger 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:** This action is effective on Dassault on July 1, 2019. Send comments on or before August 15, 2019.

**ADDRESSES:** Send comments identified by Docket No. FAA-2018-1037 using any of the following methods:

- *Federal eRegulations Portal:* Go to <http://www.regulations.gov/> and follow the online instructions for sending your comments electronically.

- *Mail:* Send comments to Docket Operations, M-30, U.S. Department of Transportation (DOT), 1200 New Jersey Avenue SE, Room W12-140, West Building Ground Floor, Washington, DC 20590-0001.

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