







**ST10652SC-D**

**Galley Cabinet Structural Installation**

Dassault Falcon Jet Corp.  
 3801 East 10<sup>th</sup> Street  
 Little Rock, Arkansas 72202-3366

**System Description**

F00-01010-501

This project specifies the structural installation of a monument (Galley) on the right hand side of the aircraft in the aircraft main entry door area. This cabinet typically contains a variety of storage and equipment including general storage, high temp oven, microwave oven, coffee maker, glasses, china, silverware, ice and trash. A pocket door is normally attached to the aft face of the Galley. The weights for the various equipment and the pocket door are accounted for in this project but the specific equipment and door installations are separately approved. The bottom of the cabinet is designed to duct conditioned air from the basic aircraft system to the aisle. This project evaluates what is intended as a “worst case” design and load distribution. Subsequent installations will be determined to be adequate by comparison to the first article certification.

F00-01010-503

Galley Cabinet Structural Installation to assess the capacity of inserts to redistribute load to adjacent inserts when loaded close to the failure load. The test objective is to load, on each panel specimen, 3 inserts with a linear imposed deformation so that one insert reaches its load saturation level and measure how the load is then redistributed to the 2 other inserts.

**Certification Basis**

Item	Aircraft Make	Aircraft Model	Type Certificate Number	Certification Basis for Alteration	Certification Data List Configuration	Installation Instructions	Airplane Flight Manual Supplement	Instructions for Continued Airworthiness
1	Dassault Aviation	Falcon 2000EX	A50NM	CFR 25	F00-01010-501	38290	Not Applicable	37914 Rev B, 37917 Rev A, 37918 Rev A, 37919 Rev A, 37920 Rev A, 37419 Rev B, 37420 Rev B, 37950 Rev NC, 38144 Rev A
2	Dassault Aviation	Falcon 900EX	A46EU	CFR 25	F00-01010-501	38290	Not Applicable	37914 Rev B, 37917 Rev A, 37918 Rev A, 37919 Rev A, 37920 Rev A, 37419 Rev B, 37420 Rev B, 37950 Rev NC, 38144 Rev A

REFERENCE	REV	DATE WRITTEN	DATE EFFECTIVE
FR.7.ENC.049	New	5/16/11	5/16/11



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**Limitations and Conditions:**

The installer is required to consider the following items for regulatory compliance. Galley Installation Requirements use Report 38290, revision NC, dated 3-Mar-2008, or later FAA approved revision which includes the following:

- Development of Sudden Decompression Load Report (SDLR) based on the final cabin interior arrangement.
- Verification that items placed behind the tambour door is attached to or tied down to the lower surface of the compartment.
- Final cabin interior arrangement requires FAA authorized interior compliance inspector.
- Verification that an FAA approved upper support is present between the Galley and fuselage.
- Flammability approval for the honeycomb panel coving material such as wood veneer, laminate, sound and thermal insulation is required.
- The Electrical Systems and Mechanical Systems approved are not included.

The STC includes the structural substantiation of the floor beam strength below the galley.

FAA Approved: \_\_\_\_\_

Robert J. Feazell  
 STC ODA Administrator  
 Dassault Falcon Jet

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