



Internal Air Transport Certification

ASC/ENFC (ATTLA)
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<https://afkm.wpafb.af.mil/AirTransport>



Date: 6 July 2011

Item Nomenclature: 2011 Ford F-450 Crew Cab 4x4

File Number: 2010.11.12 Rev 1

Requestor: 9th CERFP (SFC Herbert W. Kendall)

Superseded Certification Date: 9 December 2010

New Information Summary: Permanent approval issued after identification of main frame locations for restraint.

Item Description: The subject item is identified to be a two axle 4x4 dually truck. Its approximate dimensions are 263" L x 96" W x 80" H. The vehicle weighs 7,080 lbs and has a gross vehicle weight rating (GVWR) of 13,050 lbs. The front axle is reported to weigh 4,600 lbs and a rating of 5,940 lbs. The rear axle is reported to weigh 2,480 lbs and a rating of 9,000 lbs. This approval applies to all Ford F-450 Crew Cab 4x4 trucks with same dimensions and ratings, regardless of year of manufacture.



Figure 1: 2011 Ford F-450 Crew Cab

Certified Aircraft: USAF C-130, C-17, and C-5

Conditions of Approval:

1. Maximum Weight for Air Transport:

- Gross Vehicle Weight: 10,000 lbs
- Axle Limits: Front – 4,752 lbs; Rear – 7,200 lbs (80% rated capacities)

2. Item Preparation: All hazardous materials (to include fuel level, batteries, etc.) must be prepared and certified for airlift in accordance with TM 38-250/AFMAN 24-204(I). Do not consider this air transport document as approval for hazardous materials. Authorization for airlifting hazardous material is the responsibility of 401 SCMS/GUMAA (DSN 787-4503 or COM (937) 257-4503).

3. Loading Instructions: The vehicle can be loaded using general loading procedures as listed in the respective aircraft cargo loading manual.

4. Restraint Requirements: The 2011 Ford F-450 Crew Cab and all accompanying cargo must be restrained to meet MIL-HDBK-1791 requirements of 3G forward, 1.5G aft and lateral, and 2G up. In

addition, stored or installed equipment must meet these requirements and be capable of withstanding a 4.5G down load. The front tiedown ring rated capacities are unknown. They shall not be utilized for restraint. ATTILA will request information from the manufacturer and issue an update if a rated capacity is made available. Restrain vehicle using largest frame components, preferably at longitudinal main frames adjacent to lateral cross members. Figures 1 and 2 illustrate some of the frame locations available. Restraint may be applied to axles up to their rated capacity listed under Item Description paragraph. Do not apply more than 50% of required restraint to vehicle axles for any given direction. Note that axles do not provide vertical restraint.



Figure 2: Front Frame



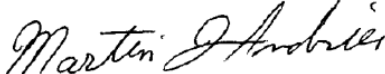
Figure 3: Rear Frame

Required Distribution:

1. Shipper shall give a copy of this approval to the ATOC representative when the item is presented for airlift. This memo shall be part of the official cargo manifest documentation package and shall be briefed to the aircraft loadmaster prior to loading this item.
2. AMC/A3V.

Point of Contact: MSgt Thomas McPeak, at thomas.mcpeak@wpafb.af.mil, DSN 986-9903 or Commercial (937) 656-9903. Refer to file number 2010.11.12 Rev 1 to reference this item.

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