



Internal Air Transport Certification

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



Date: 11 July 2012

Item Nomenclature: Chevy 3500HD Pickup Truck

File Number: 2012.02.11

Requestor: 137th Airlift Control Flight (SMSgt John Wesley)

Item Description: The subject item is identified to be a 2012 Chevy 3500 4-wheel drive pickup truck. Its approximate dimensions are 257" L x 100" W x 78" H. The Chevy 3500 has a gross weight of 6,750 lbs and a gross vehicle weight rating (GVWR) of 11,000 lbs. The front axle is reported to weigh 3,890 lbs with a rating of 4,800 lbs. The rear axle is reported to weigh 3,140 lbs with a rating of 7,050 lbs. This certification applies to any Chevy 3500 pickup truck with same ratings and approximate dimensions regardless of year of manufacture.



Figure 1: Chevy 3500HD Pickup Truck

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

Conditions of Certification:

1. Maximum Weight for Air Transport:

- a. Gross Vehicle Weight: 10,440 lbs. without sleeper shoring; 11,000 lbs. with sleeper shoring
- b. Landing Gear & Axle Limits:
 - (1) Front Axle – 4,800 lbs (sleeper shoring required)
 - (2) Rear Axle – 5,640 lbs without sleeper shoring; 7,050 lbs. with sleeper shoring.

2. Item Preparation:

- a. The front windows shall be open during transport.
- b. Left and right side-view mirrors shall be stowed during transport.
- c. Shipper is responsible for sleeper shoring. See paragraph 5 for dimensions.

d. All equipment shall be prepared, packaged, or mounted such that there is no adverse effect on the functioning of the equipment after being subjected to the aircraft environmental extremes. MIL-STD-810 provides guidance on approved test methods and data gathering techniques.

e. 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 certification 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:

a. The Chevy 3500HD Pickup Truck can be loaded using general loading procedures as listed in the respective aircraft cargo loading manual.

b. Item can be loaded front or aft end first into the aircraft.

c. Sleeper shoring is required under the frame near the axles (2 stacks per axle). See paragraph 5 for minimum dimensions.

4. Restraint Requirements: The Chevy 3500HD Pickup Truck 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. There are two restraint points at the front of the vehicle (see figure 2) which can be used for up to 11,000 lbs of restraint. Additional restraint may be applied to large frame components, preferably at longitudinal main frames adjacent to lateral cross members. Restraint can be applied to the axles up to their rated capacity. Do not apply more than 50% of required restraint to vehicle axles for any given direction. Note that spring mounted axles and the two restraint points at the front provide zero vertical restraint. See figures 3 and 4 for suggested restraint locations.



Figure 2: Restraint at front of Vehicle



Figure 3: Right Rear Frame



Figure 4: Rear Hitch

5. Sleeper Shoring Dimensions: 7"L x 7"W. The height shall be at least one half of the largest base dimension and built up to within 1/2" of chassis/frame area and secured to the aircraft floor.

Required Distribution:

1. Shipper shall give a copy of this certification to the ATOC representative when the item is presented for airlift. This certification 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 & AMC/A4T
3. SDDCTEA

Point of Contact: Jose Ubinas at jose.ubinas@wpafb.af.mil or ATTILA@wpafb.af.mil, DSN 986-9955 or Commercial (937) 656-9955. Refer to file number 2012.02.11 regarding this item.

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