

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
2. TITLE  AIR TRANSPORTABILITY REPORT		1. IDENTIFICATION NUMBER  DI-PACK-80932		
3. DESCRIPTION/PURPOSE  This report describes equipment configuration information necessary to obtain USAF Air Transport Certification.				
4. APPROVAL DATE (YYMMDD)  900126	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)  N-FACDS02B	6a. DTIC REQUIRED	6b. GIDEP REQUIRED	
7. APPLICATION/INTERRELATIONSHIP  7.1 This DID contains the format and content preparation instructions for the Air Transportability Report required by the contract.  7.2 This DID is applicable to equipment being acquired which will require USAF Air Transport Certification for transportation by military aircraft.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER  N4875
10. PREPARATION INSTRUCTIONS  10.1 <u>Report</u> . The transportability report shall be prepared on plain white 8 1/2 x 11-inch paper using only one side of each sheet. The report shall have a title page that includes the contract number and date. A table of contents shall be provided. The contents of the report shall include, as a minimum, the information described below.  10.1.1 <u>Item Description</u> . Description of the equipment item shall include the type of equipment, size, rating, manufacturer, model number and national stock number.  10.1.2 <u>Photographs</u> . 8-inch x 10-inch, black and white photograph prints shall be included in the report. The photos shall show the equipment item ready for transportation and, if applicable, in the reduced or sectionalized configuration for air transport. Unique assembly or disassembly features shall be shown. Views shall include, but not limited to, a front oblique showing front and side view, and rear oblique showing rear and opposite side. Background in photos shall be void of unrelated objects. The photograph negatives shall be provided with the original transportability report.				
11. DISTRIBUTION STATEMENT				

## TRANSPORTABILITY REPORT REQUIREMENTS

10.1.3 Sketches. Envelope sketches shall be provided on 8 1/2 x 11-inch paper showing the outline of the equipment item ready for transportation and, if applicable, reduced or sectionalized for air transport. The sketches shall include plan, side and end views of the equipment. Sketch dimensions shall include the equipment's maximum length, width and height. Location (all three coordinates) of the center of gravity with related weight shall also be shown. The sketches shall be used to display other required data, as necessary, for clarification.

10.1.4 Sectionalization. If components of the equipment item require removal or relocation to achieve reduced configuration for air transportation, the removal, relocation and reinstallation processes shall be described. (Use same description as provided in the equipment manual.) Special equipment or tools required for sectionalization shall be specified. Time in work-hours and clock-hours required to disassemble and reassemble shall also be specified.

10.1.5 Weight. Specify the weight for:

- a. Operational mode - empty and loaded as applicable.
- b. Shipping mode - empty and loaded as applicable.

10.1.6 Lifting and Tiedown. Specify the number, location and capacity of lifting and tiedown provisions for the equipment and the major components removed the transport. A paper copy of the equipment item's transportation plate shall be provided.

10.1.7 General Dimensions and Data. Specify, as applicable, the information below depending on whether the equipment item is tracked, wheeled or skid mounted. Show information on sketched (see paragraph 4) if information needs clarification.

- a. Demensions and locations of any significant projections.
- b. Maximum height forward of front axle
- c. Maximum height aft of rear axle.
- d. Forward overhang.
- e. Rear overhang.
- f. Front ground clearance.
- g. Mid-wheelbase ground clearance.
- h. Rear ground clearance.
- i. Ground clearance low point. Indicate location.
- j. Trailer landing gear pad size.

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- k. Trailer landing gear load.
- l. Trailer landing gear rating.
- m. Trailer tongue weight.
- n. Pintle hook rating.
- o. Lunette rating.
- p. Truck tractor fifth wheel height.
- q. Bogie articulation in degrees or inches.
- r. Suspension weight ratings.
- s. Axle weight ratings.
- t. Axle loads with vehicle empty and with maximum rated load.
- u. Axle spacing.
- v. Number of wheels per axle.
- w. Tire size and ply rating.
- x. Tire pressure.
- y. Tire foot prints (length and width) and foot print locations.
- z. Pressure of tire foot print on surface in pounds per square inch.
- aa. For a tracked vehicle, specify number of tracks, location and dimensions (length and width) of all track areas in contact with the ground.
- ab. Track ground pressure in pounds per square inch.
- ac. For skid mounted equipment, specify number of skids, location and dimensions (length and width) of all skid areas in contact with the ground.
- ad. Skid ground pressure in pounds per square inch.

10.1.8 Special Considerations. Describe any unusual or dangerous characteristics of the equipment. Describe any special fragility, shock and vibration considerations.