

**MIL-STD-739A**

**29 May 1963**

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**SUPERSEDING  
MIL-STD-739 (DOCKS)  
3 November 1960**

**MILITARY STANDARD**

**TRAILERS AND SEMITRAILERS,  
COMMERCIAL**



FSC 2330

**MIL-STD-739A**  
29 May 1963

**DEPARTMENT OF DEFENSE**

**Washington 25, D. C.**

Trailers and Semitrailers, Commercial

**MIL-STD-739A**

1. This standard has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force, effective 29 May 1963.

2. Recommended corrections, additions or deletions should be addressed to Headquarters, DSA, Standardization Division, Washington 25, D. C.

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## 1. SCOPE

**1.1 Purpose.** This standard establishes the commercial trailers and semitrailers for procurement by the Department of Defense.

**1.2 Application.** Procurement of commercial trailers and semitrailers shall be confined to those listed herein. Requisitions addressed to the departmental inventory

manager for commercial trailers and semitrailers other than those listed herein shall be accompanied by an explanation as to why one of the units covered by this standard cannot be used. In the event of conflict between this standard and the procurement specifications, the requirements of this standard shall govern.

## 2. REFERENCED DOCUMENTS

**2.1** The issues of the following documents in effect on the date of invitation for bids form a part of this standard to the extent specified herein.

### SPECIFICATIONS

#### MILITARY

- MIL-T-23770 — Trailers, Tilting Platform, Commercial.
- MIL-S-45152 — Semitrailers, Low Bed: Commercial.
- MIL-S-45154 — Semitrailers, Refuse Collection, Compaction Type; Commercial.
- MIL-S-45160 — Semitrailers, Tank, Gasoline, 2000 Gallon, 2 Wheel (Gravity Discharge).
- MIL-S-45310 — Semitrailers, Tank; Fuel Servicing, Commercial.
- MIL-S-45344 — Semitrailers; Van, Commercial (Furniture, Personnel, Refrigerator, and Cargo).

MIL-S-45384 — Semitrailers, Stake: Commercial.

MIL-T-45386 — Trailers, Bolster, Commercial, Pole Type, 2 to 20 Tons.

MIL-T-46705 — Trailer, Stake and Platform; General Utility, Wagon-Type, 2½ Ton, 4-Wheel, Commercial.

MIL-S-46718 — Trailer, Tank; Potable Water, 4,000-Gallon, 4-Wheel, Tandem Axle, Commercial.

MIL-T-46732 — Semitrailer, Tank; Potable Water, 400-Gallon, 2-Wheel, Commercial.

MIL-T-46738 — Trailer, Tilt Deck; With Tandem Axle, Electric Brakes (Commercial).

(Copies of specifications, standards, drawings, and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

## 3. REQUIREMENTS

**3.1 Trailers.** Standard commercial trailers shall be as listed in table I and figure 1.

**3.2 Semitrailers.** Standard commercial semitrailers shall be as listed in table II and figure 1.

TABLE I. Standard models—trailers

Model No.	Specification	Type	Class	Payload <sup>d</sup> (tons)	Wheel arr	Characteristics	User			
							Army	Navy	AF	MC
<b>SERIES 5050 — BOLSTER TRAILERS</b>										
5051	MIL-T-45386	I	B	3½	1	A-frame drawbar		X		
5052	MIL-T-45386	I	C	5	1	A-frame drawbar			X	
5053	MIL-T-45386	II	E	13	16	Adjustable single tongue drawbar		X		
<b>SERIES 5150 — LOWBED TRAILERS</b>										
5151	MIL-T-46738	I		10	4	Tilt deck			X	
5152	MIL-T-23770	I		6	1	Tilt deck		X		
5153	MIL-T-23770	II		14	16	Tilt deck		X		
<b>SERIES 5200 — STAKE TRAILERS</b>										
5201	MIL-T-46705	I	A	2½	6	Slat sides, 2 wheel steerable	X			
<b>SERIES 5250 — TANK TRAILERS</b>										
5251	MIL-T-46732				1	400 gallon, for potable water	X			

TABLE II. Standard models — semitrailers

Model No.	Specification	Type	Class	Style	Size	Payload (tons)	Wheel arr	Characteristics	User				
									Army	Navy	AF	MC	
SERIES 6050 — DUMP SEMITRAILERS													
6151	(DAPD-1192)					10	15	47 cu yd					X
SERIES 6100 — LOWBED SEMITRAILERS													
6101	MIL-S-45152	IV	A	4		15	16	Tilt deck, fixed gooseneck					X
6102	MIL-S-45152	V	A	4		20	15	Level deck, extended fixed gooseneck			X		
6103	MIL-S-45152	I	A	4		25	15	Level deck, fixed gooseneck	X		X		
6104	MIL-S-45152	I	A	8		25	21	Level deck, fixed gooseneck			X		
6105	MIL-S-45152	I	A	4		35	15	Level deck, fixed gooseneck	X	X			
6106	MIL-S-45152	I	B	4		35	15	Level deck, folding gooseneck		X			
6107	MIL-S-45152	IV	A	4		35	16	Tilt deck, fixed gooseneck					X
6108	MIL-S-45152	I	A	8		60	21	Level deck, fixed gooseneck	X	X			X
6109	MIL-S-45152	II	B	8		60	21	Drop deck, folding gooseneck	X				
SERIES 6150 — REFUSE COLLECTION SEMITRAILERS													
6151	MIL-S-45154	I				6½	14	38 cu yd		X	X		
6152						12½	15	42 cu yd		X			
6151	MIL-S-45154	II				11	15	53 cu yd		X			
SERIES 6200 — STAKE SEMITRAILERS													
6201	MIL-S-45384			I	A	12	14	26 ft, slat, panel, or chain sides				X	
6202	MIL-S-45384			I	B	12	14	28 ft, slat, panel, or chain sides	X	X			X
6203	MIL-S-45384			II	D	20	15	32 ft, slat, panel, or chain sides		X			
SERIES 6250 — TANK SEMITRAILERS													
6251	MIL-S-45160					8	14	2,000 gal, gravity discharge		X			
6252	MIL-S-45310				A		14	2,000 gal, forced discharge, fuel service	X				
6253	MIL-S-45310				B		14	3,000 gal, forced discharge, fuel service	X	X			
6254	MIL-S-46718						15	4,000 gal, forced discharge potable water	X				X

Model No.	Specification	Type	Class	Style	Size	Payload (tons)	Wheel arr	Characteristics	User			
									Army	Navy	AF	MC
6255	MIL-S-45310				C		15	4,000 gal, forced discharge fuel service				X
6256	(PM-2330-157 (USAF))						15	5,000 gal, forced discharge potable water			X	
6257	(MP-2330-161 (USAF))						15	5,000 gal, forced discharge fuel transporter			X	
6258	MIL-S-45310				D		15	6,000 gal, forced discharge fuel service		X		
6259	MIL-S-45310				E		15	5,500 gal, forced discharge fuel service				X
4	SERIES 6300 — VAN SEMITRAILERS											
6301	MIL-S-45344	I	C			12	14	Furniture				X
6302	MIL-S-45344	II	A			7	13	Personnel, 80 passenger		X		X
6303	MIL-S-45344	III	A			7	14	Refrigerator			X	
6304	MIL-S-45344	III	C			12	14	Refrigerator				X
6305	MIL-S-45344	III	D			20	15	Refrigerator	X	X		
6306	MIL-S-45344	IV	C			12	14	Closed	X	X	X	X
6307	MIL-S-45344	IV	D			20	15	Closed	X	X		
6308	MIL-S-45344	V	C			12	14	Open		X		

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Notice. When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

(Copies of this standard for military use may be obtained as indicated in the foreword to, or the general provisions of, the Index of Military Specifications and Standards.

(The title and identifying symbol should be stipulated when requesting copies of military standards.)

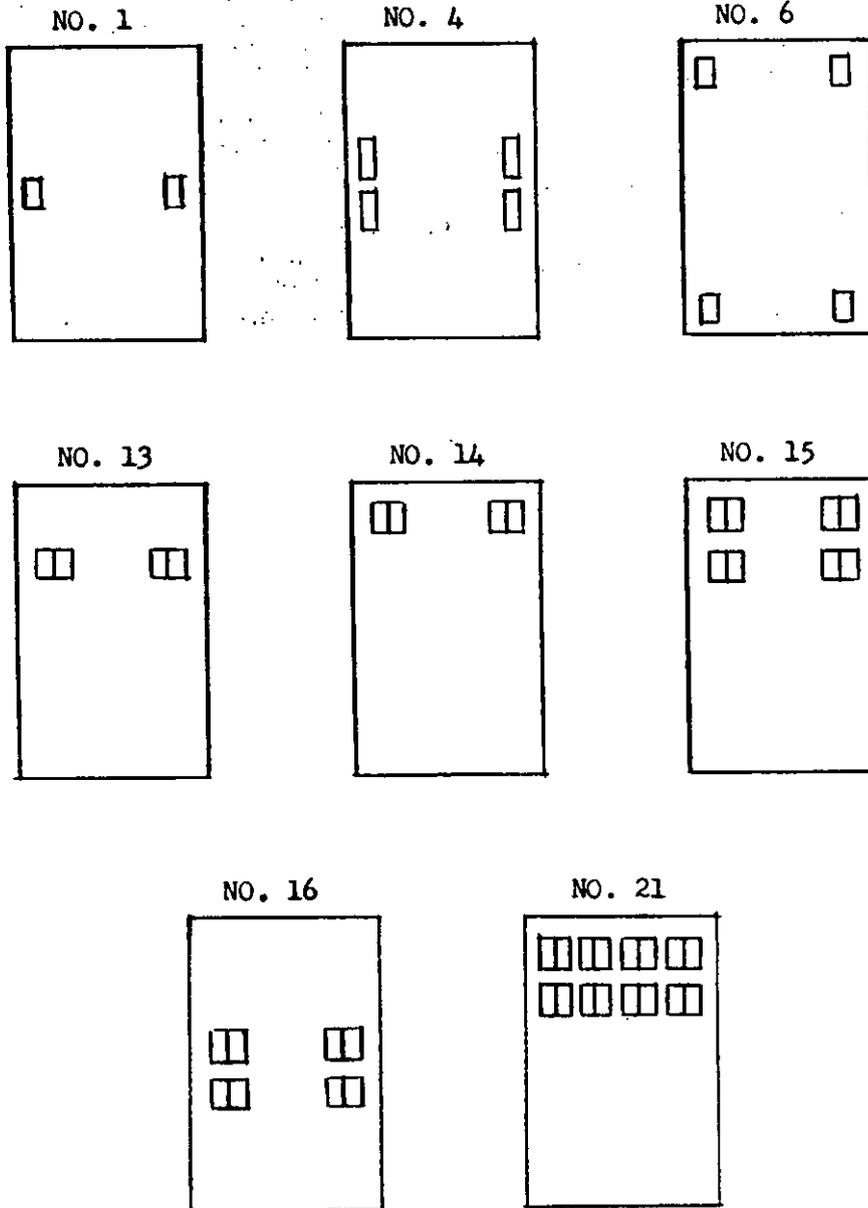
**Custodians:**

**Army—MO (ATAC)**  
**Navy—Docks**  
**Air Force—WRA**

**Preparing activity:**

**Navy—Docks**  
**Project No. 2330-0194**

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(Extracted from Federal Item Identification Guides  
for Supply Cataloging - Part II; FSC Group 23,  
Reference Drawing Group No. 188)

FIGURE 1. Wheel arrangements.