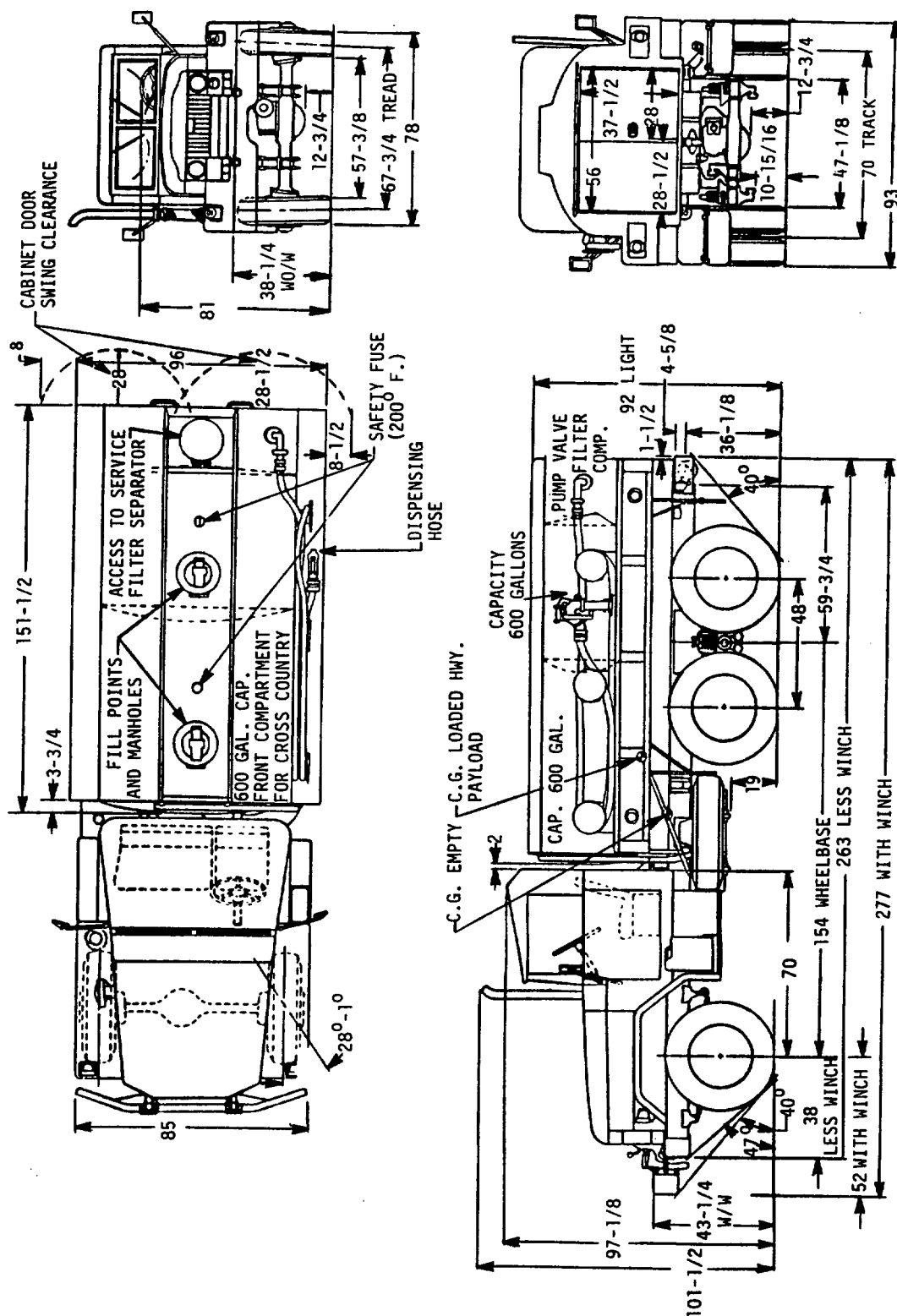


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Ⓔ DENOTES CHANGE

MS PART NO.	ENGINEERING DRAWING NO.	DESCRIPTION
MS500068-1	8736575	WITH WINCH
MS500068-2	8736574	LESS WINCH

PREPARING ACTIVITY: ARMY-AT

CUSTODIANS: ARMY- AT (E) NAVY- MC
AIR FORCE- 99

REVIEW: AF-84
USER:

PROJECT NUMBER: 2320-0391

MILITARY SPECIFICATION SHEET

TITLE:
TRUCK, TANK: FUEL SERVICING,
2-1/2 TON, 6x6, 1200 GALLON,
M49A2C

SPECIFICATION SHEET NUMBER:

MS500068E

14 SEPTEMBER 1989

SUPERSEDING:

MS500068D, 28 AUGUST 1986

AMSC-NA

FSC- 2320

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Page 1 of 2

VEHICLE CHARACTERISTICS

Form Approved
OMB No. 0704-0188CHASSIS: M45A2W/WINCH,
WO/WINCHE 8736575
8736574CURB WEIGHT: TRUCK, TANK, FULLY EQUIPPED
LESS PAYLOAD AND CREW.

	WO/W	W/W
FRONT AXLE	5,765 LBS	6,420 LBS
BOGIE	8,575	8,440
TOTAL	14,340 LBS	14,860 LBS

E PAYLOAD:

	WO/W	W/W
LOADED	1200 GAL	1200 GAL

GROSS WEIGHT: FULLY EQUIPPED, LOADED
LESS CREW. (ADD 400 LBS FOR 2 MAN CREW
PLUS EQUIPMENT)

	WO/W	W/W
FRONT AXLE	6,980 LBS	7,635 LBS
REAR BOGIE	11,680	11,545
	18,660 LBS	19,180 LBS

TOWED LOAD MAXIMUM:

	WO/W	W/W
LOADED	6000 LBS	6000 LBS

(REFERENCED WEIGHTS ARE FOR INFORMATION
ONLY).E FORDING DEPTH:

	W/KIT	72 INCHES
	WO/KIT	30 INCHES

BODY ASSEMBLY:1200 GALLON TANK, 10937150
STAINLESS STEEL CONSTRUCTION, DIVIDED
IN TWO COMPARTMENTS, FORWARD 600 GAL-
LONS, REAR 600 GALLONS. BODY IS PRO-
VIDED WITH BOW POCKETS FOR READY IN-
STALLATION OF TARPULIN, AND END CUR-
TAINS FOR CAMOUFLAGE.PUMP DRIVE: INST'N 10872253ENGINE: 11642105 W/ CLUTCH 11642117
MODEL: LDT-465-1C, MULTIFUEL,
SIX CYLINDERS IN LINEE TRANSMISSION ASSY:

	WO/W	10872096
	W/W	10872194

TYPE: SYNCHROMESH
FORWARD SPEEDS: 5, REVERSE: 1
GEAR RATIO: 5.02, 2.78, 1.62, 1.00:1,
0.79:1 REVERSE, 4.90:1

TRANSFER TRANSMISSION:

	INST'N	10937637
		11609222

GEAR RATIO: HIGH 1:1
LOW 1.98:1FRONT SUSPENSION: INST'N 10872040
FRONT AXLE, 7521734-1
FRONT SPRINGS, 2, 11601335
SHOCK ABSORBERS, 2, 7539007REAR SUSPENSION: INST'N 8757725
REAR AXLE, 2, 7368511
REAR SPRINGS, 2, 7521792
TORQUE ROD ASSY., 6, 8757685FRAME ASSEMBLY: COMP. 11609279-1
RIVETED 11609278TIE DOWNS: W/WINCH, 18, 11647735
LOCATION: 7 EACH SIDE, 2 FRONT, 2 REAR
SHACKLE, TWO, 7539662BRAKES:AIR INST'N 11647737-2
HYDRAULIC INST'N 10937705-1
HAND BRAKE INST'N 11609817
MASTER CYLINDER AND CONTROLS
INST'N 10871533-1WHEELS: TEN PLUS ONE SPARE, INCLUDING
RING 7389620
SIZE: 20 X 7-1/2, 6-1/4 OFFSET
MS53045-3TIRES: TEN PLUS ONE SPARE,
SIZE: 9.00 X 20, 8 PLY, NDCC
STYLE A, MIL-T-12459TUBES: ZZ-I-550CAB ASSEMBLY: SOFT TOP 10896757MIRROR ASSEMBLY: REAR VIEW 10937793STEERING: INST'N 10897162FUEL SYSTEM: INST'N 10897080EXHAUST SYSTEM: INST'N 11677097INSTRUMENT PANEL: INST'N 10937450TACHOMETER: INST'N 10896303SPEEDOMETER: INST'N 10937442THROTTLE LINKAGE: INST'N 10896671-1AIR CLEANER: INST'N 10896886-1PROPELLER SHAFT: INST'N 10871516WINCH: INST'N 10872197
6100 LBS CAPACITY, 7538687PINTLE: ASSEMBLY 11609483CLUTCH PEDAL: INST'N 8757745ELECTRICAL SYSTEM: INST'N 10896897
POTENTIAL 24 VOLTS
BATTERIES: 2, 12 VOLTS, 6TN, MS35000-4REFLECTORS: RED, 4, MS35387-1
AMBER, 4, MS35387-2PERFORMANCE: W/O TOWED W/TOWED
LOAD LOAD
MAXIMUM SPEED 56 MPH 45 MPH
MAXIMUM GRADE 60% 45 %
CRUISING RANGE 300 MILES 275 MILES
(W/DIESEL FUEL)ADDITIONAL EQUIPMENT AVAILABLE:FORDING KIT 11609777
CLOSURE ASSY., HARDTOP 7354276

NOTES:

1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID
3. THIS VEHICLE SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48397-5000.
4. SUBJECT OF NATO STANAG 2805-A (EDITION 3). DO NOT REVISE OR CHANGE.

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