



DESCRIPTION/SPECIFICATION

CHASSIS TRAILER: 15KW Generator, 3 Ton, (27215 kgs) 4 Wheel,
Model 800-0061-03A

SCOPE:

A hybrid trailer utilizing standard military components where applicable equipped with a 15KW generator and reserve fuel supply for transport over highway and cross-country terrain.

DESCRIPTIVE INFORMATION:

The specifications are general and are to be used as a guide. The trailer provides a low silhouette and a high degree of cross-country mobility. The installed 15KW generator is available in Utility and Precise 50/60 Hz or Precise 400 Hz, with a separate auxiliary 100 gallon (378.5 LITERS) fuel tank equipped with a U.S. Air Force approved explosion suppression material of expanded aluminum mesh. The equipment is installed to be readily accessible for operation and service and the fuel tank is equipped with a fuel capacity gage. Configuration of the vehicle is in accordance with Eidal drawing 80-0061-03A and the general specifications described below.

SPECIFICATIONS:

A. General Information

Overall trailer length:	232" (5892 mm)
Drawbar length:	66" (1676 mm)
Overall height:	87" (2200 mm)
Overall width:	96" (2438 mm)
Gross Vehicle Weight (GVW)	6691 lbs. (3035 kgs) approx.
Gross Vehicle Weight (GVW)	7486 lbs. (3397 kgs) approx.

B. Frame

Fabricated, formed and structural steel.

Lunette (military type) with adjustable heights of: 26" (660 mm), 30" (762 mm), 34" (864 mm).

Intervehicular Safety Chains (military): Two (2)
supplied on vehicle drawbar.



Fenders over wheels (curb and roadside).

Folding adjustable front support.

C. Running Gear

Suspension:	Eidal CD-3 single point multiple flat leaf spring
Axle:	Tandem
Tires:	Four (4) super single 12-16.5
Wheels:	6 hole, 8.75" (222) dia. B.C.; Eidal steel disc, 9.75 x 16.5 RIM
Brakes:	Air operated on each wheel
Parking Brakes:	Hand operated lever type

D. Trailer Electrical

24 volt source

2 each composite tail light-stop light, turn and market (military)

4 each red reflectors

2 each amber reflectors

1 each intervehicular electrical cable

E. Auxiliary Fuel Tank (EMD-11946)

Aluminum constructed cylindrical 100 U.S. gallon capacity with sump and drain, filler with cap and fuel level sight gage. The internal area of the tank is filled with expanded aluminum mesh explosion suppression material for maximum safety.

F. Loose Equipment

Wheel nut wrench with handle.

Front support handle.

Combination operation, maintenance and parts manuals (English).

G. Performance



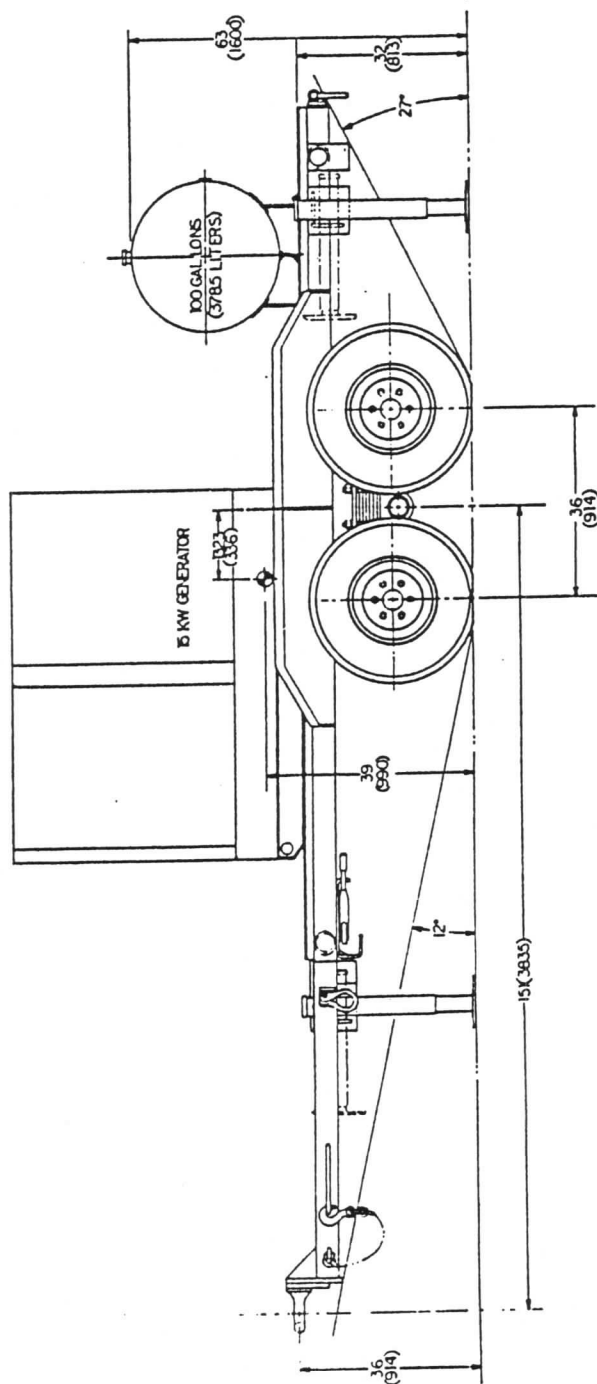
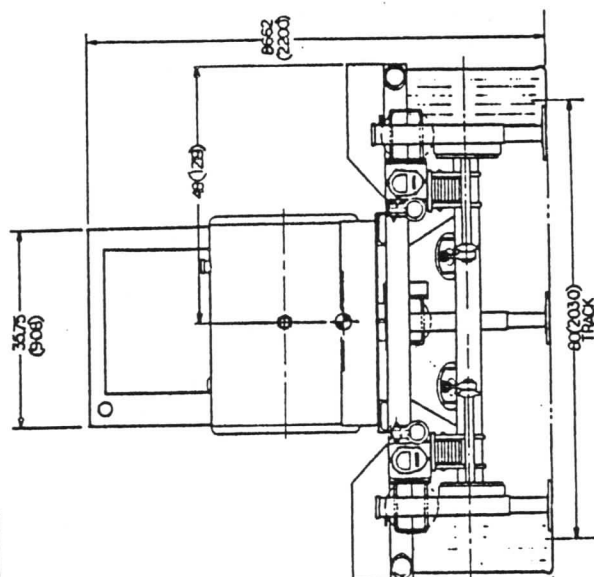
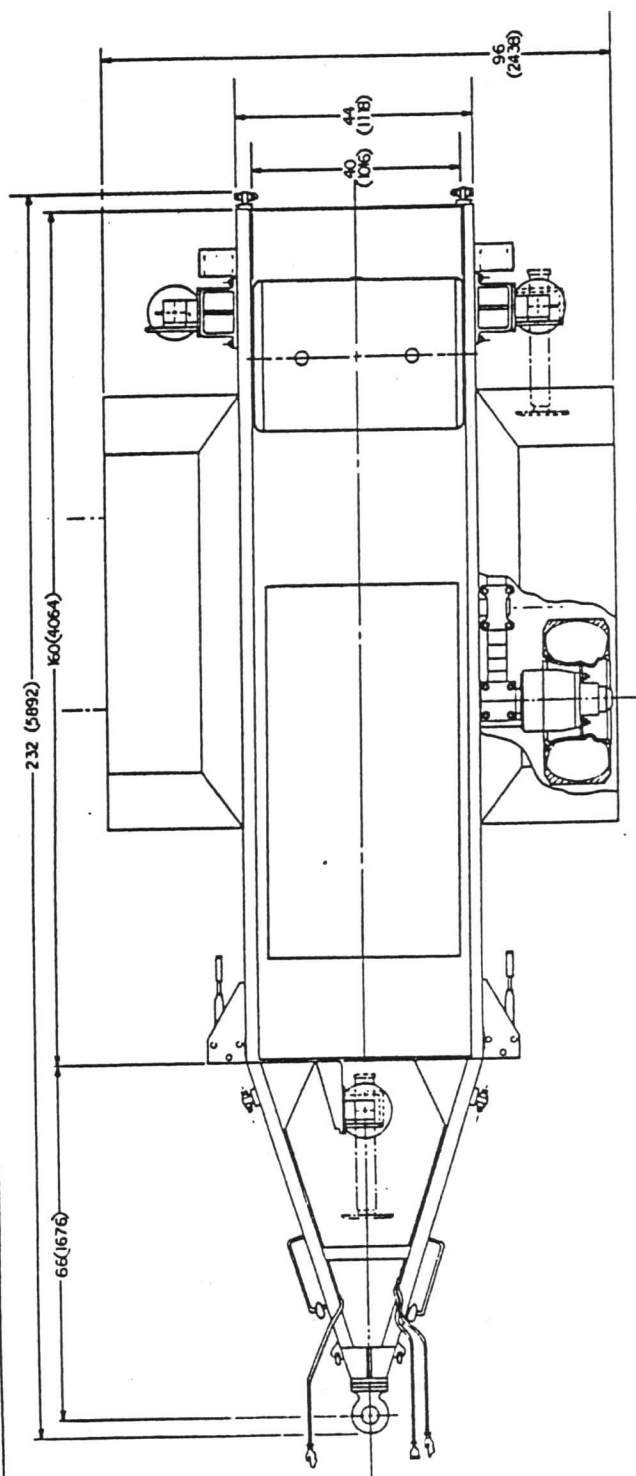
The trailer is capable of operating with full rated payload over cross-country terrain at speeds up to 10 mph (16 km/h), over unimproved roads at speeds up to 20 mph (32 km/h) and over improved roads (highway) at speeds up to 50 mph (80 km/h).

H. Shipping Data

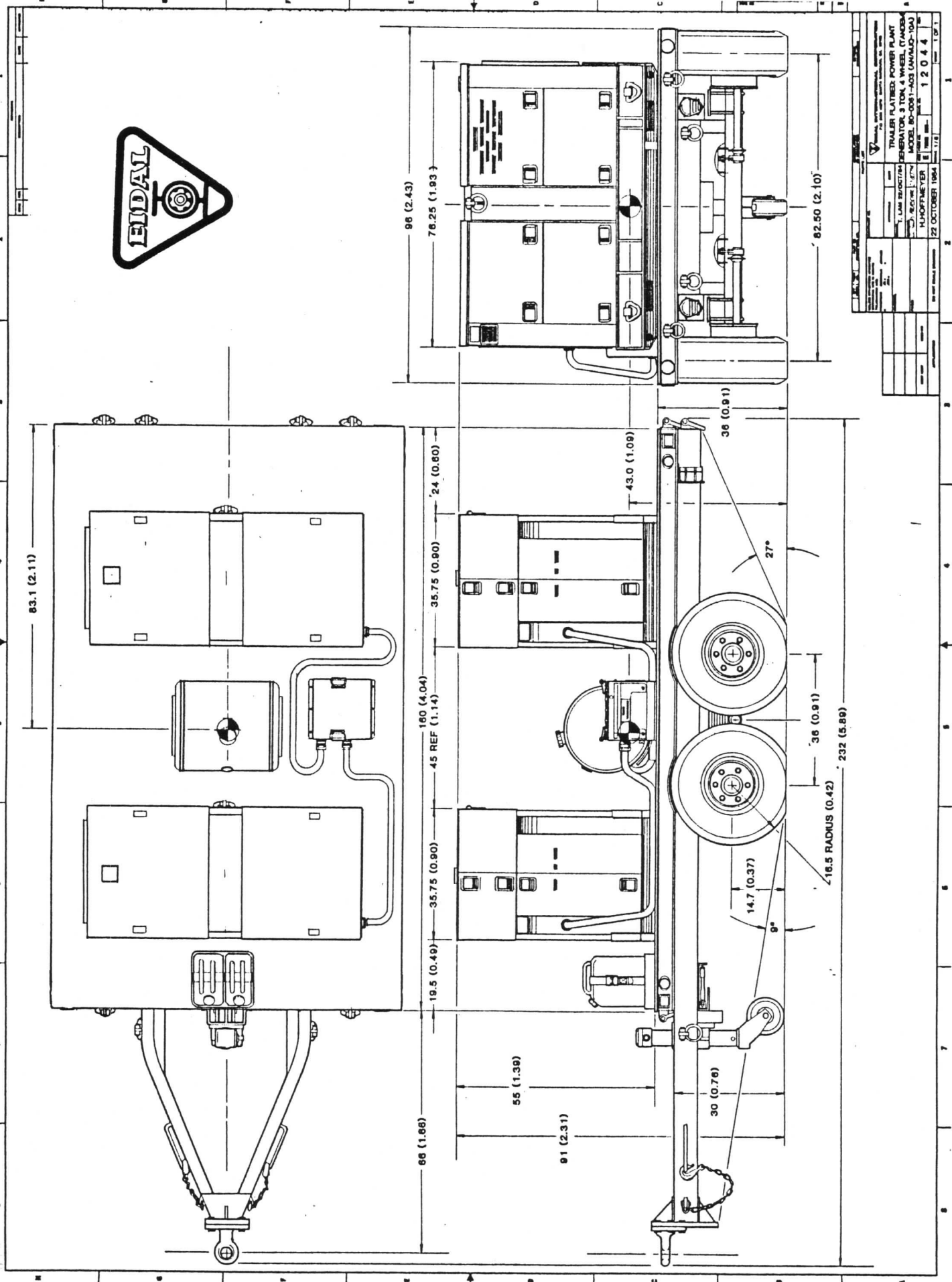
Set up on tires. Loose equipment banded to trailer. Fixed equipment protected and preserved as necessary.

I. Painting

All metal fabrications are sand blasted, primed and painted a single color of customer's choice.



MODEL	80-0081-03A
TRAILER CHASSIS:	3-TON, 4-WHEEL, 15 KW GENERATOR
1. Part no.	80-0081-03A



TRAILER PLATED POWER PLANT	GENERATOR 3 TON, 4 WHEEL STANDS	MODEL 80-0081-A03 (UNALCO-100)	12044
MANUFACTURED BY	UNALCO	DATE	22 OCTOBER 1984
DESIGNED BY	UNALCO	DATE	22 OCTOBER 1984
REVIEWED BY	UNALCO	DATE	22 OCTOBER 1984
APPROVED BY	UNALCO	DATE	22 OCTOBER 1984
DATE	22 OCTOBER 1984	TIME	1:20:11