



LVTP-7 ASSAULT VEH ANIMATED DISPLAY BOARD ES-400, DEVICE 16C67/1

TRAINING CATEGORY:

COMBINED OPERATIONS (Amphibious)

ORIGINATING AGENCY:

MARCORPS

SECURITY CLASSIFICATION:

Device 16C67/1 is unclassified

INTENDED USE:

To provide military personnel with a basic understanding of the operation of the LVTP-7 speed change assembly.

FUNCTIONAL DESCRIPTION:

Device 16C67/1 is a backlit animated display panel depicting a rendered diagram and a static perspective view with color-coded components of the speed change assembly, together

with a sectionalized mockup of the forward-reverse clutch assembly. Nomenclature identifying components and an operable mockup of the gear selector of the LVTP-7 control console are provided on the display panel. The sequential steps in the functioning of the speed change mechanism in the various speed settings are presented on the rendered diagram through animated lighting techniques. Color and arrows are used to simulate animation and direction of movement in the clutch assembly.

PHYSICAL INFORMATION:

The device consists of an animated display panel, a support stand, a dust cover, and a maintenance parts kit.

ENVIRONMENTAL CHARACTERISTICS:

The device will not be adversely affected when subjected to temperatures ranging from minus 13 to plus 160 degrees Fahrenheit and humidity up to 95 percent.

POWER REQUIREMENTS:

115 VAC, 60 Hz.

PUBLICATIONS FURNISHED:

Operator and Maintenance Guide (U).

PERSONNEL:

Instructor: One (1)
Trainees: Up to Twenty (20)

CONTRACT IDENTIFICATION:

Manufactured by Ben Lorenz Associates Inc.,
under NAVTRASYSSEN Contract No. N61339-71-
C-0226.

LOCAL STOCK NUMBER:

6910-LL-C00-1601