

GTA# 43-01-122

MINE CLEARANCE LINE CHARGE - MICLIC

**NSN 1055-01-327-3106, 1055-01-340-6084, 1055-01-281-2770
COLD WEATHER OPERATION**

This abbreviated checklist is not to be used as a replacement for the -10 Technical Manuals or any other PMCS guide.

The MICLIC is designed to operate during extreme climatic conditions.

1. OPERATE IN EXTREME COLD

**WARNING : WET AND OR ICY HARDWHERE MAY BE SLIP-
PERY. USE EXTRA PRECAUTION WHEN HANDLING COM-
PONENTS. DO NOT FORCE ICED-UP LAUNCHER RAIL
SUPPORTS AND COMPONENTS**

CAUTION:

*** Do Not Force Launcher Rack Leavers or ball lock pins To Operate.**

*** Verify the MICLIC's electrical and hydraulic systems are fully functional before operating in below conditions.**

**NOTE: Operators wearing artic gloves should have no diffi-
culty installing or operating the MICLIC.**

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1. OPERATE IN EXTREME COLD (continued)

a. The line charges and rocker motors are designed to operate in temperatures to -40* F.

b. As temperatures fall below 32* F the hydraulic system will become sluggish due to the thickening of the hydraulic fluid.

c. At temperatures at and below -25* F it may be necessary to remove the fluid dampener in order for the hydraulic system to correctly function. Reinstall the fluid dampener before operating the MICLIC at higher temperatures.

d. To keep the linear demolition charge in a "ready" status, remove accumulated ice and snow from the electrical connectors, the charge container safety switch at the rear of the charge container, the electrical receptacles and the launcher kit. Use warm air source to loosen if required.

e. Avoid placing the linear demolition charge and rocker motors in locations where freezing to the ground may take place.

f. Check movement of launcher rail supports, ball lock pins, the safety switch and components in and around the launcher rail groves to ensure that they do not bind. Use warm air source to loosen if required.

g. Perform PMCS (TM 9-1375-215-13&P) before operating the MICLIC.

OPERATING IN SNOW, SLEET, AND FREEZING RAIN:

a. If necessary to operate in these conditions the rocket should be elevated prior to being towed through such conditions, because freezing of the launcher rails and components may take place in the "down" position.

b. Insure the soft cover is secured to keep the linear demolition charge from being frozen to itself and/or weighted down with ice.

OPERATING IN SNOW, SLEET, AND FREEZING RAIN (continued)

c. Do not bend iced-up cables until ice has been removed. Remove ice using a warm air source.

d. Test operation of levers and the safety switch to assure they have free movement. Check the launcher rail groves for ice and snow. Remove ice using a warm air source.

e. To keep the linear demolition charge in a "ready" status, remove accumulated ice and snow from the electrical connectors, the charge container safety switch at the rear of the charge container, the electrical receptacles and the launcher kit. Use warm air source to loosen if required.

f. After exposure to ice and or salt water clean and wash MICLIC components immediately. If dirty, clean, wash and dry components using a warm air source.

g. Perform PMCS (TM 9-1375-215-13&P) before operating the MICLIC