

Volcano Systems,

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1095-01-331-6755, 1095-01-259-3211, 1095-01-492-4259.**

COLD WEATHER OPERATION

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

1. The Volcano is designed to operate during extreme climatic conditions.

2. OPERATING IN EXTREME COLD:

WARNING: WET AND OR ICY HARDWHERE MAY BE SLIPPERY. USE EXTRA PRECAUTION WHEN HANDLING COMPONENTS. DO NOT FORCE ICED-UP LAUNCHER RACK LEAVERS

CAUTION:

***Verify the VOLCANO's electrical are fully functional before operating in below conditions:**

*** Do Not Force Launcher Rack Leavers or Mounting Pins To Operate.**

***Static Electricity Discharges May Damage the DCU.**

NOTE: Operators wearing artic gloves should have no difficulty installing or operating the VOLCANO.

- a. Check movement of launcher rack arming and latching levers to ensure that they do not bind. Use warm air source to loosen if required.
- b. Install launcher rack cover when dispenser is installed but canisters have not been loaded.

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2. OPERATING IN EXTREME COLD (continued0:

- c. Always keep cover on VOLCANO DCU when dispensing mines.
- d. Perform PMCS (TM 9-1095-208-10-1) before operating the VOLCANO.
- e. Assure all expando and or single acting pins have seated and the spring button is out.
- f. Check to see if launchers rack levers and canisters connections are free from ice, snow, and frost. Use warm air source to clean and dry as necessary.
- g. Allow additional 10 minutes warm up time before using system.
- h. Prior to turning on power, Make sure all DCU switches are free of ice, that FIRE CIRCUIT switch and streamer are free of ice, and that rotary switches move freely. Use warm air to dry stiff or sticking switches.

3. OPERATION IN SALT WATER, AND ICE CONDITIONS

- a. Do not bend iced-up cables until ice has been removed with a warm air source.
- b. Check for ice on launcher rack arming and latching levers. Test operation of levers to assure they have free movement. Remove ice using a warm air source.
- c. After exposure to ice and or salt water clean and wash dispenser components immediately. If dirty, clean, wash and dry components before repacking them into shipping container.
- d. Check DCU connectors for ice. Check HCU switch for ice. Remove ice with a warm air source.
- e. Perform PMCS (TM 9-1095-208-10-1) before operating the VOLCANO.