

**M707 Knight, NSN 2350-01-455-3174**  
**COLD WEATHER OPERATIONS**

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

**EXTREME COLD OPERATION**

**WARNING:** Contact with cold metal can cause frostbite. Wear gloves in cold conditions. Do not touch cold metal with bare skin. Do not scrape ice or frost from front night sight lens. A frozen lens could break and expose personnel to dangerous radiation. Lens could easily become scratched or pitted. Use only approved lens paper and lens cleaner to clean lenses.

**CAUTION:** Do not scrape ice or frost from lenses. A frozen lens could break or could easily become scratched or pitted. Use only approved lens paper and lens cleaner to clean lenses.

1. Keep night sight and G/VLLD stowed inside vehicle during periods of extreme cold weather except during actual operations.
2. Avoid breathing on lenses.
3. Keep lens covers over lenses to avoid moisture and ice buildup.
4. If mission will allow, remove night sight and G/VLLD from TU and place inside vehicle to warm up if ice or frost accumulates on lenses.
5. After ice is defrosted, clean lens using lens paper and lens cleaner.
6. Whenever possible, use vehicle power as primary power source depending upon mission requirements.
7. Refer to TM 9-2320-280-10 for operating vehicle in extreme cold.

## **SNOW**

1. Keep equipment cover on night sight and G/VLLD except during actual operations.
2. Keep lens covers installed except during actual operations.
3. Use covers or hand to block visual scene for fadeout of readout display.
4. Blow or gently brush snow off of lenses with a small lens brush.
5. Clean moisture from lenses before use using lens paper and lens cleaner.
6. Refer to TM 9-2320-280-10 for operating vehicle in snowy conditions.