

**RIBBON BRIDGE BAYS
HOT WEATHER/DESERT OPERATION**

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

FM 90-3, DESERT OPERATIONS, contains detailed instructions for living and working in the desert.

The following is a general check-list that applies to the Ramp and Interior Bridge bays, all models, which are operated in an arid/hot temperature environment. It is not designed to replace the daily PMCS.

NOTE: A very high standard of preventive maintenance is essential to long term operation under conditions of extreme heat and blowing sand which may cause early failure of systems or components.

Prior to each operation you should:

1. Clean and re-lubricate unfolding (spreader) cables.
2. Clean and re-lubricate lower lock drive screw.
3. Remove sand and debris from all unfolding levers, latches, and moving parts.
4. Check hydraulic lines for evidence of cracking or leaks.
5. Ensure ramp hand pumps hydraulic fluid is full - not low or over full.
6. Check ramp cylinder pin and remove accumulated sand or debris - clean and re-lubricate cylinder shaft.
7. Ensure ramp pump vent is clean and free of sand.
8. Ensure dog-bones and rotating hardware are free of sand or debris.

Approved for public release: distribution is unlimited
Distributor: U.S Training Support Center
March 2006