

ORDER

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

GL 3900. 30

GREAT LAKES REGION

5/22/86

**SUBJ: SAFETY ALERT - POSSIBLE SHOCK HAZARD - ENVIRONMENTAL SENSOR/RCO RACK
AT SECOND GENERATION VOR SITES**

1. PURPOSE. THIS IS A SAFETY ALERT. This order alerts Airway Facilities personnel required to work inside the rear of the environmental sensor/RCO rack at VOR sites of a possible shock hazard in this rack.
2. DISTRIBUTION. This order is distributed to all Great Lakes Airway Facilities field offices and facilities.
3. BACKGROUND. The ICU in the environmental sensor/RCO rack is fed 110 volts and outputs 110 volts through an external terminal strip on the back of the ICU which is exposed when the rear door of the rack is opened. It is possible that contact with the terminals could be made during routine checks of the environmental sensors. An NCP will be initiated to install a plastic barrier strip over the exposed terminals to eliminate the possible shock hazard.
4. ACTION. During the interim period, caution should be exercised whenever work is being accomplished within the rack.

Ed Phillips

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