

**ORDER**

**DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
SOUTHWEST REGION  
FORT WORTH, TEXAS**

SW 6200. 6

24 Aug 72

**SUBJ: SILICON CONTROLLED RECTIFIER (SCR) TEST UNIT**

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1. PURPOSE. This order transmits a schematic diagram of a Silicon Controlled Rectifier (SCR) test unit.
2. DISTRIBUTION. This order is distributed to Branch level in the Airway Facilities Division and to all Airway Facilities field offices in the Southwest Region.
3. ACTION. No suitable test equipment is presently provided to dynamically check Silicon Controlled Rectifiers. Those facilities utilizing such equipment may fabricate an SCR test unit from the schematic diagram in Appendix 1.

*Richard R. Stryker*

RICHARD R. STRYKER  
Chief, Airway Facilities Division

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Distribution: RAF-3; FAF-0 (Normal)

Initiated By: ASW-431

### SCR TEST UNIT

- Notes:
1. If lamp glows at full brilliance, the SCR is "shorted."
  2. The lamp may be replaced with one of more wattage, if greater load is needed.
  3. Peak inverse voltage of SCR should be at least 200 volts.

