

ORDER

FEDERAL AVIATION AGENCY
SOUTHWEST REGION
FORT WORTH, TEXAS

SW 3900.4

12/8/66

SUBJ: SAFETY PRECAUTION, ARSR AMPLITRON

1. PURPOSE. This order advises technical personnel of a shock hazard associated with amplitron filament circuit.
2. CANCELLATION. Order SW SM 3900.4, Safety Precaution, ARSR Amplitron, dated 7/20/65, is canceled.
3. BACKGROUND. High voltage may be present on the amplitron filament circuitry as a result of magnetron radiation. An ungrounded amplitron may act as a rectifier of magnetron RF, causing filament circuit condensers to become charged with several thousand volts. Severe electrical shock from this cause has been reported.
4. ACTION. No work is to be performed on amplitron filament circuits except when the magnetron is turned off.

APPROVED: SOUTHWEST REGION DECEMBER 8, 1966



Distribution: RAF-3; MAF-3; FAF-0

Initiated by: SW-422