

**ORDER**

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

SW 7210.21

SOUTHWEST REGION

6/23/93

SUBJ: CONTROL OF ELECTRICITY DURING MAINTENANCE, SERVICING AND REPAIR

1. **PURPOSE.** This order establishes a procedure for controlling hazardous energy sources.

2. **DISTRIBUTION.** This order is distributed to the branch level in the Air Traffic Division and to all air traffic field facilities in the Southwest Region.

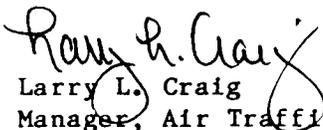
3. **BACKGROUND.** In October 1992, an electrical accident resulted in a fatality at Albuquerque Airport. An investigation revealed that, nationwide, at least three similar electrical accidents occurred when a person uninvolved in airport construction activated a power source at the request of a contractor. This order is intended to prevent personal injuries from the unexpected energization or startup of machines or equipment during installation, servicing, or repairs.

4. **DEFINITIONS.**

a. **Lockout Device.** A device that utilizes a positive means such as a lock, either key or combination type, to hold an energy isolating device in the safe position, thereby preventing the energizing of machines or equipment.

b. **Tagout Device.** A prominent warning device, such as a tag with cable-tie for attachment, which can be securely fastened to an energy isolating device in accordance with an established procedure, to indicate that the energy isolating device and the equipment being controlled may not be operated until the tagout device is removed.

5. **PROCEDURE.** UNDER NO CIRCUMSTANCE shall an employee of the Southwest Region Air Traffic Division operate a circuit switch or other energy isolating device which has been equipped with a LOCKOUT or TAGOUT device. This applies even if asked by a contractor or maintenance worker.

  
Larry L. Craig  
Manager, Air Traffic Division

Distribution: A-X(AT)-3; A-FAT-0 (Ltd); ASW-460 (Info cy);  
ASW-600 (Info cy)

Initiated By: ASW-530