U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
Air Traffic Organization Policy

NOTICE
N JO 7110.459

Cancellation Date:
March 9, 2007

SUBJ: Safety Logic Systems Procedures for Operational Testing at Orlando International Airport Traffic Control Tower

1. PURPOSE. This notice provides the operational test procedures for Airport Surface Detection Equipment-X (ASDE-X) Safety Logic Systems Build 5.0.7.2 to be utilized by personnel providing air traffic control services at the Orlando International (MCO) Airport Traffic Control Tower (ATCT).

2. DISTRIBUTION. This notice is distributed to select offices in Washington Headquarters, the Eastern Service Center, and MCO.

3. ACTION. Terminal facility managers must ensure that the provisions of this Notice are briefed to all front-line managers/controllers-in-charge (CIC)/Air Traffic Controllers prior to shift assignment.

4. EFFECTIVE DATE. This notice is effective January 10, 2007.

5. BACKGROUND. MCO is designated as the operational test facility for ASDE-X Build 5.0.7.2. This build incorporates an upgrade to the ASDE radar system to include a rain configuration used during periods of moderate to extreme precipitation, to avoid the likelihood of false alerts. All safety logic alerts must be acted upon. If positive identification in accordance with Federal Aviation Administration Order 7110.65, Air Traffic Control, Paragraph 3-6-2, has been accomplished, false targets may be temporarily dropped and thereby removed from safety logic processing. Each subsequent observed alert/target on the ASDE display must be validated as false prior to removal from safety logic processing.

6. PROCEDURES. The following procedures in FAA Order 7110.65, Air Traffic Control, shall be used by MCO ATCT personnel providing air traffic control services during the test period.

Add the following subparagraph to paragraph 3-6-2, Identification, as follows:

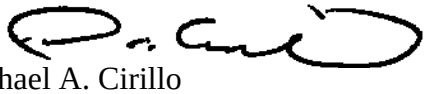
"c. After positive verification that a target is false, through pilot/vehicle operator position report or controller visual observation, the track may be temporarily dropped; and, thereby removed from safety logic processing."

Add the following subparagraphs to paragraph 3-6-3, Information Usage, as follows:

"d. During rain configuration, do not allow an aircraft to begin departure roll or cross the landing threshold unless an observed target on the ASDE system display has been validated as false and removed from safety logic processing.

e. The front-line managers/CIC must document on FAA Form 7230-4, Daily Record of Facility Operation, the exact location, reason, and time the alert/track was removed from safety logic processing."

7. IMPLEMENTATION: This notice must be implemented on the effective date. This notice is valid for 60 days from the date of publication.



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