

DOCUMENT CHANGE PROPOSAL/BRIEFING SHEET

FINAL DISPOSITION (INITIAL Not Required)

ORDER/PUBLICATION: 7110.65S

CHANGE: 3

EFFECTIVE DATE: August 27, 2009

TRACKING #: 53- 3-6-5

SPECIALIST/ROUTING: Allie Metcalf AJR-53 x35482

1. PARAGRAPH NUMBER AND TITLE:

3-6-5. RADAR-ONLY MODE

2. BACKGROUND: Airport Surface Detection Equipment System - Model X (ASDE-X) was originally designed with surface movement radar (SMR) and Multilateration (MLAT) for airports with no surface surveillance. SMR radar was not intended to provide total coverage of the entire airport. ASDE-X uses fusion as a way of creating "seamless coverage" from all sensors (MLAT, SMR, and ASR). The original design was to critically fault and go off line when MLAT or the SMR radar was unavailable. Radar-only mode allows the ASDE-X system to remain operational if the MLAT sub-system incurs a critical fault and is off-line. Radar-only mode is equivalent to the present ASDE3/AMASS operation at legacy airports.

3. EXPLANATION OF CHANGE: Change FAAO JO 7110.65S, Air Traffic Control, to add Paragraph 3-6-5, Radar Only Mode. This change cancels and incorporates N JO 7110.502, ASDE-X Radar Only Mode, effective April 30, 2009.

4. CHANGE:

OLD

Add

Add

NEW

3-6-5. RADAR-ONLY MODE

“Radar-only mode” is an enhancement of the ASDE-X system which allows the system to stay operational with safety logic processing, despite a critical fault in the Multilateration (MLAT) subsystem. The system stays in full core alert status under “radar-only mode” without data block capability.

No further changes to paragraph.

5. INDEX CHANGES: Radar Only Mode

6. GRAPHICS: None

7. GENOT/NOTICE: N JO 7110.502 ASDE-X Radar Only Mode, effective April 30, 2009.

8. SAFETY RISK MANAGEMENT: (Check appropriate box).

Proposed change meets full SMS requirements for safety risk assessment.

(For organizations that have not fully implemented SMS), the proposed change is in accordance with FAAO 1100.161, Air Traffic Safety Oversight, Chapter 5, Paragraph 2 requirements.

Proposed change is not safety related.

Comments:



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3/27/09

Date: