

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N JO 6190.64

Air Traffic Organization Policy

Effective Date:
January 14, 2009

Cancellation Date:
January 14, 2010

SUBJ: Order 6190.19, Chg 2, Maintenance Of The Automated Radar Terminal System (ARTS IIE). ASR-11 Certification Requirements.

- 1. Purpose of this Notice.** This notice directs Technical Operations Services (TOS) Centers and TOS Field Offices, and all ARTS IIE sites to change the certification requirements when an Airport Surveillance Radar (ASR-11) digital radar interfaces to the ARTS IIE.
- 2. Audience.** This notice applies to TOS Field Offices that supports or maintains the ARTS IIE.
- 3. Where can I Find This Notice?** The notice is available on the MYFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the Intranet site located at <http://nasdoc.faa.gov/> under the "System" heading: A2E
- 4. Action.** This notice extends the ARTS IIE certification requirements when interfacing to an ASR-11 radar system. No additional pen and ink changes are required. The following pen and ink changes, which are in bold below, were originally directed by N 6190.52. ARTS IIE facilities that use the ASR-11 radar system should add these changes to Federal Aviation Administration (FAA) Order 6190.19, Change 2. When a conflict arises with a duplicate performance check, periodicity, or standard and tolerance, the ASR-11 maintenance handbook 6310.30 shall take precedence.
 - (1) Para 42a.: Change *ASR-3,4,5,6,7,8* to read: **ASR Analog Only. Note: ASR-11 shall perform appropriate checks in accordance with (IAW) 6310.30.**
 - (2) Para 44b.: Add this step: **(7) ASR-11 Display Video Generator (DVG). All inputs the same as TI 6310.30 Para 3-580.**
 - (3) Para 54b.: Amend to read: ATCRBS/ARTS IIE Interface. **Analog systems only. Note: ASR-11 shall perform appropriate checks IAW 6310.30 Para 4-101b.**
 - (4) Para 55f.(2): Amend to read: Perform ONSS check (FAA Form 6190-8 item). **(Analog ATCBI and IBI systems only).**
 - (5) Para 55i.(3): Amend to read: **CTS Only.** Check output signals. **Note: ASR-11 shall perform appropriate checks IAW 6310.30.**
 - (6) Para 56a.: Amend to read: ARTS IIE DEDS Interface. (FAA Form 6190-8 Item). **Note: ASR-11 shall perform appropriate checks IAW 6310.30 Para 4-101b.**

(7) Para 59c.(1): Amend to read: **For digital systems with serial interface, run the Serial Board Loopback Test.**

(8) Para 74e.: Add to the end of the paragraph: **Digital radars should verify that at least one certified return such as an MTI reflector, Parrot or other generated target is over the appropriate map symbol and is within standards found in commissioning data.**

(9) Para 76e.: Change the word *SCIP* to read: **digitally.**

(10) Para 83: Amend to read: DECODED VIDEO GENERATION. **Note: ASR-11 shall perform appropriate check IAW 6310.30.**

(11) Para 84e.(2): Change the word *ASR-9* to read: **digital systems.**

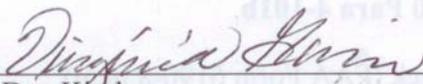
(12) Appendix 1.: Add this note below the Appendix 1 heading: **Note: When ASR-11 checks are performed and the references in this ARTS IIE Handbook are not applicable, use the standards and tolerances defined in the Maintenance Handbook for Airport Surveillance Radar, ASR-11 Facilities, Order 6310.30.**

(13) Appendix 1. Table 2. page 3: Amend the Monthly Service column to read: Mode-S/ASR-9/**ASR-11** Serial Interface.

5. Background. Many of the ARTS IIE performance checks are no longer applicable to digital radar and beacon systems. Digital systems are more stable and have their own set of performance checks. Notice 6190.52 originally provided these ASR-11 changes. Notices JO 6190.57 and JO 6190.60 extended these changes and requirements. The next release of the ARTS IIE maintenance handbook will eliminate checks that no longer apply or are a duplication of effort.

6. Clarification Or Comments. For further information or comments, please contact the Operations Control Center at (866) 432-2622 and ask to speak with an ARTS-2E hardware representative.

7. Distribution. This notice is distributed to selected offices having the following facilities/equipment: ARTS IIE


Dan Kinder
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