



# Federal Aviation Administration

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## Memorandum

Date: October 6, 2010

To: Michael L. Prichard, Manager, Terminal Field Operational Support (TFOS)

From: George Preslock, Manager, Common Automated Radar Terminal System (CARTS) Hardware Group

Originator: Kerry Mack, Engineering Lead, Common ARTS Hardware Group

Prepared By: Colleen Bilazzo, CARTS Documentation Specialist, Contract Support

Subject: Safety Risk Management Decision Memorandum (SRMDM) for Job Number 251-3093 ARTS IIIIE Maintenance Handbook Job Order (JO) 6190.12D

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### **National Airspace System (NAS) Change:**

The Subject Matter Experts (SMEs) determined that these changes to the maintenance handbook add to the number of technical performance checks to verify Service System Track Display Mode (STDM) operations, Automatic Dependent Surveillance Broadcast (ADS-B) and change equipment subsystem terminology. These changes were updated in order to comply with FAA Order 6000.15F General Maintenance Handbook for Airway Facilities and FAA Order 6000.5D Facility Service and Equipment Profile (FSEP). These changes will not affect the periodicity of maintenance. This is a NAS wide change.

### **Rationale for not requiring Safety Risk Management (SRM):**

A Preliminary Safety Analysis Meeting (PSAM) was held on Wednesday, September 22, 2010. In accordance with the Safety Risk Management (SRM) Manual, version 2.1, paragraph 3.5, the SMEs and the SRM Specialists concur that all changes referenced in this handbook were categorized as having no safety impact and pose no risk to the NAS.

This Maintenance Handbook has been developed to provide guidance and prescribe technical standards, tolerances and procedures applicable to the maintenance and inspection of the Automated Radar Terminal System (ARTS IIIIE). It also provides information on special methods and techniques, which will enable maintenance personnel to achieve optimum performance from the equipment. This information augments information available in technical instruction books and other handbooks to be compliant with the latest edition of FAA Order 6000.15 General Maintenance Handbook for Airway Facilities and FAA Order 6000.5D FSEP.

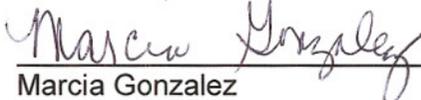
The release of this handbook does not affect any other systems or interfaces.

**The SRM Participants for these changes included:**

<b>Name</b>	<b>Organization</b>	<b>Title</b>	<b>Phone</b>
Colleen Bilazzo	AJT-146	CARTS Hardware, Contract Support	(609) 485-8459
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We, the undersigned, assure that the change described above does not introduce any safety risk into the NAS.

**SRMDM Reviewers:**

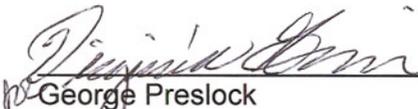
  
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 Marcia Gonzalez  
 Safety Quality Assurance, Terminal Field Operational Support, AJT-14

11/22/10  
 Date

  
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 Virginia Gavin  
 Manager, Safety Risk Management, AJT-147

11-22-10  
 Date

**SRMDM Approver:**

  
 \_\_\_\_\_  
 George Preslock  
 Manager, CARTS Hardware, AJT-146

11-22-10  
 Date

**Concurred by:**

  
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 Michael L. Prichard  
 Manager, Terminal Field Operational Support, AJT-14

11-22-10  
 Date