

# NOTICE

## U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N JO 6190.66

### Air Traffic Organization Policy

Effective Date:  
March 04, 2010  
Cancellation Date:  
March 04, 2011

**SUBJ:** Pen and Ink Changes to Order JO 6190.12C Change 2 Maintenance Of The Automated Radar Terminal System (ARTS IIIE) Handbook..

---

**1. Purpose of this Notice.** This notice directs Technical Operations Services (TOS) Centers and TOS field offices, and all ARTS-IIIIE sites to make pen and ink changes to JO6190.12C Change 2. These changes correct typographic errors for the standards and tolerances of the Sony Cathode Ray Tube (CRT) monitor.

**Audience.** This notice applies to TOS field offices that support or maintain the ARTS-IIIIE.

**2. 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/](https://employees.faa.gov/tools_resources/orders_notices/) and on the Intranet site located at <http://nasdoc.faa.gov/> under ARTS with the “System” heading: A3E.

**3. Action.** Make the following pen and ink changes to JO 6190.12C CHG-2 dated 08/19/2009:

(a) Change para 342.h(1)

(b) Contrast Maximum  
Initial Tolerance/Limit  
 $0.241 \leq x \leq 0.301$   
 $0.256 \leq y \leq 0.316$

$43.0 \leq y \leq 47.0$

To read:

(1) Contrast Maximum  
Initial Tolerance/Limit  
 $0.241 \leq x \leq 0.301$   
 $0.256 \leq y \leq 0.316$   
 $43.0 \leq Y \leq 47.0$

(b) Change para 342.h(1)

(c) Contrast Minimum  
Initial Tolerance/Limit  
 $6.0 < x < 7.0$   
 $0.256 < y < 0.316$   
 $6.0 < y < 7.0$

To read:

(2) Contrast Minimum  
Initial Tolerance/Limit  
 $0.241 \leq x \leq 0.301$

$$0.256 \leq y \leq 0.316$$

$$6.0 \leq Y \leq 7.0$$

(c) Change para 342.h(1)

(d) Picture size in unit.....

To read:

(b) Picture size in unit.....

(d) Change para 342.h(1)

(e) Convergence

To read:

(c) Convergence

**4. Background.** FAA Order 6000.15F provides new guidance and requirements for maintenance and certification of National Airspace Systems (NAS) equipment. The attached Safety Risk Management Document (SRMD) for Order 6000.15F can be found at [https://intranet.faa.gov/faaemployees/org/linebusiness/ato/operations/technical\\_operations/ajw163/6000.15/](https://intranet.faa.gov/faaemployees/org/linebusiness/ato/operations/technical_operations/ajw163/6000.15/), then click on “F” Revision Info, then click [02/01/2010] (SRMD). Para 342 h.1 (b) and (c) should be part of 342 h.1 (a) and therefore needs to be relabeled 342 h. 1 (a) 1 and 342 h.1 (a).2. There are typographical errors for these Tolerances/Limits. The Tolerances/Limits should be in the form of x,y,Y where x,y are the color coordinates and Y is the brightness measured using the Minolta CS-100 Photometer.

**5. 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-3E hardware representative.

**6. Distribution.** This notice is distributed to selected offices having the following facilities/equipment: ARTS IIIE



 Malcolm Andrews  
Acting Director, Terminal Program Operations



# Federal Aviation Administration

---

---

## Memorandum

Date: April 27, 2010

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

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

Originator: Kerry Mack, ARTS-3E Engineering Lead

Prepared By: Colleen Bilazzo, CARTS Documentation Specialist

Subject: Safety Risk Management Decision Memorandum (SRMDM) for Job Number 251-3100 Pen and Ink Changes to Order JO 6190.12C Change 2 Maintenance Of The Automated Radar Terminal System (ARTS IIIIE) Handbook

---

---

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

The ARTS-3E Maintenance Handbook JO 6190.12C requires editorial pen and ink changes. These pen and ink changes will correct typographical errors in the standards and tolerances for the Sony Cathode Ray Tube (CRT) monitor. Correcting the typographical errors returns the standards and tolerances to their original intent.

The pen and ink changes to the ARTS-3E Maintenance Handbook JO 6190.12C will be released by Notice JO 6190.66 to all ARTS-3E sites via TechNet.

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

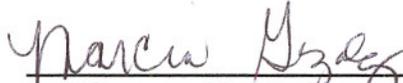
On April 22, 2010 a preliminary safety analysis meeting was conducted to analyze the potential risk of the proposed maintenance handbook pen and ink changes in accordance with Safety Management System Manual, version 2.1. All changes referenced in this handbook were categorized as Editorial. The Subject Matter Experts (SMEs) and the SRM specialist concurred that the editorial changes to Order JO 6190.12C Maintenance of the ARTS-3E Handbook Change 2 will not introduce risk to the NAS.

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

Name	Organization	Title	Phone
Colleen Bilazzo	AJT-146	CARTS Hardware Contract Support	(609) 485-8459
Fred Ertel	AJT-146	CARTS Field Support	(609) 485-6209
Kerry Mack	AJT-146	CARTS HW Engineering Lead	(609) 485-8140
Jim Nigro	AJT-146	CARTS Field Support	(609) 485-6884
Rebecca Viggiano	AJT-147	TFOS SRM Specialist, Contract Support	(609) 485-9433
Lauren Vitagliano	AJT-147	TFOS SRM Documentation Specialist, Contract Support	(609) 485-9439

We, the undersigned, assure that the change described above does not introduce any safety risk into the NAS.

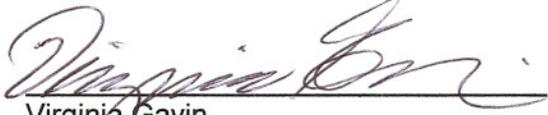
**SRMDM Reviewers:**

  
\_\_\_\_\_

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

4/29/10

Date

  
\_\_\_\_\_

Virginia Gavin  
Manager, Safety Risk Management, AJT-147

4/29/10

Date

**SRMDM Approver:**

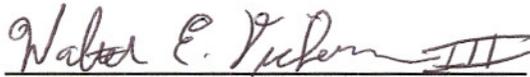
  
\_\_\_\_\_

George Preslock  
Manager, CARTS Hardware, AJT-146

4/29/2010

Date

**Concurred by:**

  
\_\_\_\_\_

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

4/29/2010

Date