

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

N6191.3

09/10/02

**SUBJ: STANDARD TERMINAL AUTOMATION REPLACEMENT SYSTEM (STARS)
SECURITY**

- 1. PURPOSE.** This Notice is an interim security document which describes Federal Aviation Administration (FAA) procedures and processes while providing direction to STARS Operational Sites (SOS) within the National Airspace System (NAS). Procedures and processes described within this Notice will be included in current and future orders and handbooks related to the development of STARS Security.
- 2. DISTRIBUTION.** This Notice is distributed to offices within Washington Headquarters, Regional Airway Facilities Divisions, William J. Hughes Technical Center, Mike Monroney Aeronautical Center, various offices within the Department of Defense (DoD), and Airway Facilities selected field offices and services having Full STARS-2 (FS-2). An electronic bulletin shall be sent out notifying Offices of Primary Interest (OPI) whenever a major revision occurs.
- 3. CANCELLATION.** This notice expires on or before twelve months from the date of signature and revisions are not applicable.
- 4. BACKGROUND.**
 - a. The STARS program office anticipates the deployment of STARS FS-2 to several locations in Calendar Years (CY) 2002 and 2003. In order for the Airway Transportation Systems Specialists (ATSS) FV-2101-H, Systems Specialist (SS) FV-2101-I or DoD equivalent personnel to properly carry out their duties, Airway Facilities Security directives need to be in place at each location.
 - b. Incorporation of the STARS Security Processes and Procedures (SSPP) into a STARS Security Handbook and the inclusion of General Security policy into an order is an ongoing process with the targeted completion date scheduled for mid to late CY-2003. General security policies directive in nature specific to the STARS Security Handbook will be identified. This Handbook will be inclusive of the SSPPs and maintenance practices required for security.
 - c. This Notice has the effect of assigning interim direct authority to the body of Security Processes and Procedures (SSPP), and security maintenance intervals (STARS Security Checks) until the General Security Policy, orders and the STARS Security Handbook are completed and approved.
- 5. ROLES AND RESPONSIBILITY.** The Office of Primary Responsibility (OPR) for this Notice is the Integrated Air Traffic Systems (ATS) Security Program Office, AOP-500. The OPR shall maintain this notice and have the authority for cancellation. The signature level for this document resides with the

Distribution: A-W(AF)-2; A-X(AF-3);
A-Y(AI)-2; A-Z(ACT-200/300/400/500/600)-3;
A-FAF-0(STD)

Initiated By: AOP-500

NAS Operations Program Directorate level.

6. ROLES AND RESPONSIBILITIES FOR INTERIM SOLUTION.

a. AOP-500-NAS Security Division shall:

- (1) Ensure General Security Policy is incorporated into existing orders or develop a separate NAS General Security Policy.
- (2) Validate that equipment specific security policy, procedures and key performance parameters are in accordance with the general security policy.
- (3) Validate that all necessary Maintenance Security Checks have been identified.
- (4) Collaborate with all appropriate stakeholders for the content of this Notice.
- (5) Distribute this notice to organizations/agencies listed in paragraph 2.
- (6) Verify that formal STARS training meets security requirements.

b. ATB-230-Terminal Business Unit shall:

- (1) Deliver the Security Checklist identified in TI 6191.406 for validation to AOP-500.
- (2) Deliver the STARS distribution list for use by AOP.
- (3) Collaborate with all appropriate stakeholders for the content of this Notice.

c. The Operations Test & Evaluation (OT &E) Team and the Professional Airway Systems Specialists (PASS) shall:

Collaborate with all appropriate stakeholders for the content of this Notice.

d. The Airway Transportation Systems Specialist FV 2101-H, Systems Specialist FV-2101-I, and DoD equivalent personnel shall:

- (1) Perform the identified STARS Security Checks in accordance with Appendix 1 and Appendix 2 of this notice.
- (2) Use Technical Instruction Manual TI 6191.406, STARS System Administration and Security for the SOS.
- (3) Use the STARS SSPP for General Security Practices and Procedures.

7. RESPONSIBILITIES FOR FINALIZED SECURITY REQUIREMENTS, POLICY AND PROCEDURES (NAS General Security requirements are included within current and future directives and the STARS Security Handbook).

a. AOP-500 – NAS Security Division shall:

(1) Ensure all security-related requirements, policy, and key performance indicators are identified and standardized for the NAS.

(2) Validate that all necessary Maintenance Security Checks have been identified.

(3) Incorporate the General Security Policy into an existing order or create a NAS General Security Order.

(4) Collaborate with all appropriate stakeholders in formulating the content and format for the General Security Policy.

(5) Work with STARS Product Support, ATB-231A, to identify security policies and procedures which impact the maintenance of STARS.

(6) Collaborate with all stakeholders for the content and format of the STARS Security Handbook.

(7) Ensure that either the amended order or new General Security Order follows the Clearance Record Procedure.

(8) Verify that STARS training meets security requirements.

b. ATB-230-The Terminal Business Unit shall:

(1) Complete production of the final version of the STARS Security Handbook.

(2) Incorporate the SSPPs into a standard maintenance format for the STARS Security Handbook and ensure resolution of issues regarding impact to STARS maintenance.

(3) Distribute the STARS Security Handbook to organizations listed in paragraph 2.

c. Airway Facilities and the Professional Airway Systems Specialists (PASS) shall:

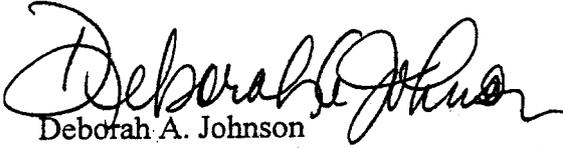
Collaborate with all appropriate stakeholders in formulating the content and style of the STARS Security Handbook.

d. The Airway Transportation Systems Specialist, FV-2101-H, Systems Specialist FV 2101-I, and the DoD equivalent shall:

(1) Follow the Security Policy and Procedures identified in the STARS Security Handbook.

(2) Perform the STARS Security Checks as identified in the STARS Security Handbook.

(3) Use Technical Instruction Manual TI 6191.406, STARS System Administration and Security for the SOS.

A handwritten signature in black ink, appearing to read "Deborah A. Johnson". The signature is fluid and cursive, with the first name being the most prominent.

Deborah A. Johnson

Director, NAS Operations Program

**Performance Checks to be
Accomplished by Either the ATSS or
SS**

Daily

	Standards and Tolerances	Maintenance Procedure
1 Check rhost files	Successful no fault execution	TI 6191.406 Appendix A Table A1
2 Check for disconnected FSL, ESL, and Support processors	Successful no fault execution	TI 6191.406 Appendix A Table A1
3 Check key files	Successful no fault execution	TI 6191.406 Appendix A Table A1

Weekly

4 Inspect connections	Successful no fault execution	TI 6191.406 Appendix A Table A1
5 Review BSM audit logs	Successful no fault execution	TI 6191.406 Appendix A Table A1
6 Check for core memory dump files	Successful no fault execution	TI 6191.406 Appendix A Table A1
7 Review Unix audit logs	Successful no fault execution	TI 6191.406 Appendix A Table A1

APPENDIX 2-STARs SECURITY CHECKS FOR SS

	Performance Checks to be Accomplished by the SS	Standards and Tolerances	Maintenance Procedure
	<u>Biweekly</u>		
1	Check for obsolete system status message disk files on FS MCW processor	Successful no fault execution	TI 6191.406 Appendix A Table A1
	<u>Monthly</u>		
2	Verify System Account passwords	Successful no fault execution	TI 6191.406 Appendix A Table A1
3	Verify software baseline integrity	Successful no fault execution	TI 6191.406 Appendix A Table A1
4	Check for inactive user accounts	Successful no fault execution	TI 6191.406 Appendix A Table A1
5	Identify all inactive and active accounts	Successful no fault execution	TI 6191.406 Appendix A Table A1
6	Update a list of inactive users and disable user ID's	Successful no fault execution	TI 6191.406 Appendix A Table A1
	<u>Quarterly</u>		
7	Change system account passwords	Successful no fault execution	TI 6191.406 Appendix A Table A1
8	Change passwords for root users	Successful no fault execution	TI 6191.406 Appendix A Table A1
	General Security Practices and Procedures	Not Applicable	STARs Security Processes and Procedures (SSPP)