

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N 6000.216

National Policy

Effective Date:
12/19/2007

Cancellation Date:
12/19/2008

SUBJ: Maintenance Handbook Changes for Implementation of New Certification Policies

1. Purpose. This notice provides guidance on the new event based certification policy and new service certification acronyms in accordance with Order 6000.15E, General Maintenance Handbook for National Airspace System (NAS) Facilities.

2. Scope. This notice applies to all offices that write maintenance handbooks and to all locations that perform system, subsystem, or service certification.

3. Distribution. This notice is distributed in headquarters to group level within Technical Operations, En Route and Oceanic, Terminal Services, and System Operations; to branch level in the Technical Operations, En Route and Oceanic, Terminal Services, and System Operations Service Areas; to branch level in the regional Flight Standards and Airports divisions; to division level at the FAA Logistics Center and FAA Academy at the Mike Monroney Aeronautical Center; and to all Air Traffic Organization field offices with a maximum distribution. This notice is available online through TechNet at: <http://technet.faa.gov/6000.15/>

4. Policy.

a. Systems and Subsystems. The event based certification policy eliminates the periodic requirement for certification of systems and subsystems, directly linking the performance of certification to the decision that places a system or subsystem into operation in the NAS.

b. Services. Technical Operations has decided to halt the migration to the 5-letter NAS Infrastructure Service (NIS) acronyms. The new service certification policy requires the use of National Airspace Performance Reporting System (NAPRS) service acronyms, many of which are already in the Facility Service Equipment Profile (FSEP) to log certification of services.

5. Action.

a. This notice exempts maintenance personnel from performing system or subsystem certification as required by the periodic certification interval requirement published in each of the maintenance technical handbooks listed in Appendix A. List of Maintenance Handbooks with

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FS/AS/ND/RN)-2; A-X(AF/AT/FS/AS)-3; A-Y(DE/AY)-2;
A-Z(CB/CX)-2; A-FAF/FAT-0 (MAX)

Initiated By: AJW-163

Certification Requirements, published in this Notice. Maintenance personnel must still perform certification when any of the events listed in Order 6000.15E, paragraph 503a occur.

b. This notice directs System Specialists to use the NAPRS service acronym in the FSEP as the official log for all service certifications or other service related log entries. Appendix B. Service Certification Acronym Cross Reference, Tables 1-5 in this Notice provide a cross reference for the published NIS acronym to the NAPRS reportable service acronym, the new certification statement, and the desired accomplishment interval.

c. The Office of Primary Responsibility (OPR) responsible for each maintenance handbook listed in Appendix A will issue a change for each handbook removing any reference to "maximum certification interval", and change the published normal certification interval to "Event Based" in all of their system and subsystem certification requirements tables.

d. The OPR for each maintenance handbook, listed in Appendix A will issue changes to change the NIS acronym to the corresponding NAPRS reportable service acronym listed in Appendix B. Tables 1-5, in all of their service certification requirements tables.

e. The OPR for each maintenance handbook listed in Appendix A will remove restrictions on who can perform certification. The certification requirements tables must comply with the policy in Order 6000.15 which states that any Airway Transportation System Specialist (ATSS) with certification authority can perform certification. System specialists must follow this policy immediately.

f. The OPR for Order JO 6750.49, Maintenance of Instrument Landing System (ILS) Facilities, will remove Table 1. Instrument Landing System from Appendix 1. Certification Requirement, from their order.

g. FSEP and NAPRS Program Managers in headquarters will add several new services to the FSEP including those listed in Appendix B, Table 7. New NAPRS Reportable Service Acronyms Implemented, by 01/31/2008.

h. Managers of personnel certification records should use the NAPRS service acronym when issuing new or updating service certification authority records. However, they do not need to update existing records as long as a copy of this Notice or a copy of Order 6000.15, Appendix 3. Systems, Subsystems, and Services Requiring Certification, is kept nearby to serve as a cross reference.

i. The Certification Program Manager in headquarters will update Order 6000.15, General Maintenance Handbook for NAS Facilities, with the new service acronyms.

6. Background.

a. Historically, services that did not exist in the FSEP were logged under their associated control facility system acronym. Since that varies from site to site, the policy was changed in Order 6000.15D, General Maintenance Handbook for NAS Facilities, which directed specialists to log services in a standardized Service Delivery Point (SDP) log. A policy memorandum was issued in January 2006 to change this policy to log services in the NAPRS acronym service log. This notice applies that policy to all other services.

b. Order 6000.15E eliminated the concept of Maximum Certification Interval for all certifications. Systems and subsystems no longer expire. Service certifications expire at the end of the following interval.

7. Contact. Please contact Lowen Overby of the NAS Policy and Services Planning Team, at (202) 493-4368 if you have any questions or comments.


for Steve Zaidman
Vice President, Technical Operations Services

Appendix A. List of Maintenance Handbooks with Certification Requirements

<u>Order</u>	<u>Title</u>	<u>OPR</u>
JO 6100.1	Maintenance of NAS En Route Stage A ATC System	AJE-121
6100.4	Maintenance of Rehost Air Traffic Control System	EDW SSC
6110.7	Maintenance of Oceanic Display and Planning System (ODAPS)	AJE-0
JO 6110.8	Maintenance of Offshore Flight Data Processing System (OFDPS)	AJE-221
6110.13	Maintenance of the Advanced Technologies and Oceanic Procedures (ATOP) System	AJE-221
JO 6190.6	Maintenance of ARTS & Remote Tower Alphanumeric Display System	AJT-1409
JO 6190.12	Maintenance of Automated Radar Terminal System (ARTS) IIIIE	AJT-1410
JO 6190.16	Maintenance of RBDER/Micro EARTS	AJE-221
JO 6190.19	Maintenance of Automated Radar Terminal System (ARTS) IIE	AJT-1410
JO 6190.58	Maintenance of the Automated Radar Terminal System Expansion (ARTS IE)	AJW-1410
6191.3	Standard Terminal Automation Replacement System (STARS) Maintenance Technical Handbook	AJT-1
JO 6310.2B	Maintenance of Airport Surveillance Radar (ASR) Indicator Site Equipment	AJW-147
JO 6310.9B	Maintenance of Airport Surveillance Radar (ASR-7, 7E, 7F, and ASR-8)	AJW-147
JO 6310.19A	Maintenance of Airport Surveillance Radar – 9 (ASR-9)	AJW-146
JO 6315.2B	Maintenance of Terminal Doppler Weather Radar (TDWR) Equipment	AJW-144
JO 6330.5A	Maintenance of Airport Surface Detection Equipment (ASDE)-3 Collocated with Airport Movement Area Safety System (AMASS)	AJW-148
JO 6330.36	Maintenance of Airport Surface Detection Equipment Model X (ASDE-X) Facilities	AJW-148
JO 6340.13C	Maintenance of Air Route Surveillance Radar, ARSR-3, Facilities	AJW-142
JO 6340.21	Maintenance of Air Route Surveillance Radar (ARSR-1,-2) Facilities with Solid-State Receiver/Digital Moving-Target Indicator (SSR/DMTI)	AJW-142
JO 6340.22	Maintenance Of AN/FPS-20 Family Of Radars With Solid-State Receiver/Digital Moving-Target Indicator (SSR/DMTI)	AJW-142
JO 6340.26	Maintenance of Air Route Surveillance Radar (ARSR-4) Facilities	AJW-142
JO 6350.20A	Maintenance of International Microwave Corporation (IMC) Television Microwave Link (TML)	AJW-173
JO 6350.21A	Maintenance of The Common Digitizer - 2 Equipment	AJW-145
JO 6350.25	Maintenance of Target Data Extractor (TDX)-2000 Digitizer Equipment	AJW-145
JO 6360.1B	Maintenance of Air Traffic Control Beacon Interrogator (ATCBI) Equipment (Except ATCBI-5)	AJW-147
JO 6360.12	Air Traffic Control Radar Beacon System (ATCBRS) Performance Handbook	AJW-147
JO 6360.14A	Maintenance of Air Traffic Control Beacon Interrogator (ATCBI-5) Equipment And Mode-S Collocated With Solid-State Radar Beacon Decoder (SSRBD)	AJW-147
JO 6360.19	Maintenance of Precision Runway Monitor (PRM) Facilities	AJW-147
JO 6365.3	Maintenance of Mode Select (MODE-S) Beacon System	AJW-145
JO 6410.18	Maintenance of The Digital Bright Radar Indicator Tower Equipment (DBRITE)	AJT-149
JO 6470.5A	Maintenance Of Air Route Traffic Control Center Environmental Systems	AJW-223
JO 6470.29A	Maintenance of En Route Air-to-Ground Communications Facilities	AJW-173

Appendix A. List of Maintenance Handbooks with Certification Requirements (Continued)

JO 6480.2	Maintenance of Mobile Air Traffic Control Towers (ATCT)	AJW-223
JO 6480.6B	Maintenance of Terminal Air-to-Ground (A-G) Communications Facilities	AJW-173
JO 6480.22	Dual Redundant Power Distribution System (DRPDS) Maintenance Handbook	AJW-223
JO 6490.1A	Maintenance Of Flight Service Station (FSS) Air-To-Ground Communication Facilities	AJW-173
JO 6490.15	Maintenance of FSAS Model 1 FC	AJW-176
JO 6490.17A	Maintenance of Automated Flight Service Station Communication Equipment	AJW-173
JO 6500.9A	Maintenance of Backup Emergency Communication (BUEC) Facilities	AJW-173
JO 6530.3D	Maintenance of Direction Finder (DF) Equipment	AJW-143
JO 6550.2A	Maintenance of Weather Broadcast and Information Service Equipment	AJW-173
JO 6550.9	Maintenance of Tower Data Link Services II (TDLS2) Equipment	AJW-173
JO 6560.8A	Maintenance of Runway Visual Range (RVR) Equipment	AJW-143
JO 6560.13C	Maintenance of Aviation Meteorological Systems	AJW-14A
JO 6560.31	Maintenance of Runway Visual Range (RVR) Equipment	AJW-143
JO 6560.62	Maintenance of Low-Level Windshear Alert System (LLWAS)	AJW-14A
JO 6520.5B	Maintenance of Gulf of Mexico Project (GOMP) Communications Equipment	AJW-173
JO 6600.21B	Maintenance of Communication Transceivers	AJW-173
JO 6670.4D	Maintenance of Multichannel Recorder Equipment	AJW-173
JO 6670.13	Maintenance of Digital Voice Recorder (DVR) Equipment	AJW-173
JO 6670.15	Maintenance of Digital Voice Recording System Series 2 (DVR2) Equipment	AJW-173
JO 6730.2	Maintenance of Distance Measuring Equipment (DME) Facilities	AJW-143
JO 6750.49A	Maintenance of Instrument Landing System (ILS) Facilities	AJW-143
JO 6770.2B	Maintenance of 75MHZ Fan Marker (FM) Facilities	AJW-143
JO 6810.3A	Maintenance Of FA-10235 Very-High-Frequency Omnidirectional Range Test (VOT) Facilities	AJW-143
JO 6820.7B	Maintenance Of Navigational Aids Facilities And Equipment - VOR, DVOR, VOR/DME, VORTAC	AJW-143
JO 6830.3A	Maintenance of Alliedsignal Microwave Landing System (MLS) Facilities	AJW-143
JO 6850.5C	Maintenance of Lighted Navigational Aids	AJW-143
JO 6860.2	Maintenance of Loran-C Monitor Equipment	AJW-143
JO 6980.29A	Maintenance of Static Uninterruptible Power Supply (UPS) Systems	AJW-223
N 6560.53	ACE-IDS	AOS-250
JO 6310.30	Maintenance Handbook For Airport Surveillance Radar, ASR-11 Facilities	AJW-147
JO 6555.x	Integrated Terminal Weather System (ITWS)	AJW-14A
JO 6556.x	Weather System Processor	AJW-14A
JO 6882.2	Maintenance of Wide Area Augmentation System	AJW-191
JO 6360.x	Maintenance of Air Traffic Control Beacon Interrogator (ATCBI)-6 Equipment	AJW-147
JO 6884.x	Local Area Augmentation System LAAS	AJW-191
JO 6980.x	Critical Power Distribution System	AJW-223

Appendix B. Service Certification Acronym Cross Reference**Table 1. Communication Services.**

<u>Existing</u>	<u>Order</u>	<u>NAPRS</u>	<u>Cert Statement</u>	<u>Frequency</u>
ECVEX	JO 6470.29	VSCSS	VSCSS Certified	Daily
TCVEX	JO 6480.6	TCVEX	TCVEX Certified	Weekly
GCVEX	JO 6490.17 JO 6490.1	GCVEX	GCVEX Certified	Weekly

Table 2. Navigation Services.

<u>Existing</u>	<u>Order</u>	<u>NAPRS</u>	<u>Cert Statement</u>	<u>Frequency</u>
GNDIR	JO 6882.2	WAASS	WAASS Certified	Daily

Table 3. Surveillance Services.

<u>Existing</u>	<u>Order</u>	<u>NAPRS</u>	<u>Cert Statement</u>	<u>Frequency</u>
ESATD	JO 6100.1	CRAD	CRAD Certified	Daily
ESATD	JO 6190.16	ETARS	ETARS Certified	Daily
ESTDD	JO 6190.16	ADSS	ADSS Certified	Daily
TSATD	6191.3	TARS	TARS Certified	Weekly
RTADS	6191.3	RTADS	RTADS Certified	Weekly
TSATD	JO 6190.12	TARS	TARS Certified	Weekly
TSATD Remote	JO 6190.12	RTADS	RTADS Certified	Weekly
TSATD	JO 6190.16	TARS	TARS Certified	Weekly
TRDP	JO 6190.19	TARS	TARS Certified	Weekly
TSGTD	JO 6330.5 JO 6330.36	ASDES	ASDES Certified	Weekly
TSPAD	6191.3	PRMS	PRMS Certified	Weekly

Table 4. Automation Services.

<u>Existing</u>	<u>Order</u>	<u>NAPRS</u>	<u>Cert Statement</u>	<u>Frequency</u>
ESAFP	JO 6100.1	CFAD	CFAD Certified	Daily
ESAFP	JO 6190.16	ETFAD	ETFAD Certified	Daily
ESAFP	JO 6110.13	CODAP	CODAP Certified	Daily
ESAFP	JO 6110.8	COFAD	COFAD Certified	Daily
TSAFP	JO 6190.12	TFAD	TFAD Certified	Weekly
GIAFP	6191.3	TFAD	TFAD Certified	Weekly

Table 5. Environmental Services.

<u>Existing</u>	<u>Order</u>	<u>NAPRS</u>	<u>Cert Statement</u>	<u>Frequency</u>
TIWXB	JO 6550.9	ATISS	ATISS Certified	Weekly

Appendix B. Service Certification Acronym Cross Reference (Continued)**Table 6. Existing NAPRS Reportable Service Acronyms Implemented by 01/01/2008.**

ASDES	Airport Surface Detection Equipment Service
CODAP	Composite Oceanic Display and Planning
COFAD	Composite Offshore Flight Data
CFAD	Composite Flight Data Processing
CRAD	Composite Radar Data Processing (RDP)
ETARS	En Route Terminal Automated Radar Service
PRMS	Precision Runway Monitor Service
RTADS	Remote Tower Alphanumeric Display Service
TARS	Terminal Automated Radar Service
VSCSS	Voice Switching and Control System Service

Table 7. New NAPRS Reportable Service Acronyms Implemented by 01/31/2008.

ADSS	Aircraft Dependent System Service
ATISS	Automated Terminal Information System Service
TCVEX	Terminal Communication Voice Exchange Service
GCVEX	General Communication Voice Exchange Service
WAASS	Wide Area Augmentation System Service
TFAD	Terminal Flight Data Processing Service
ETFAD	En Route Terminal Flight Data Processing Service