



U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Traffic Organization Policy

ORDER
JO 7210.629B

Effective Date:
April 26, 2012

SUBJ: Next Generation Weather Radar (NEXRAD) Weather and Radar Processor (WARP) Recommended Settings for Host, En Route Automation Modernization (ERAM), Ocean 21 Facilities, and Certain Micro En Route Automated Tracking System (MEARTS) Facilities

- 1. Purpose of This Order.** This order provides guidance regarding recommended settings for NEXRAD WARP in Host, ERAM, Ocean 21, Anchorage Air Route Traffic Control Center, San Juan Combined Center and Radar Approach Control (CERAP), Guam CERAP, and the Honolulu Control Facility.
- 2. Audience.** En Route and Oceanic (AJE) and Terminal (AJT) Service Units.
- 3. Where Can I Find This Order?** This order is available on the MYFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices/ and on the air traffic publications Web site at http://www.faa.gov/air_traffic/publications.
- 4. Cancellation.** Order JO 7210.629A, Next Generation Weather Radar (NEXRAD) Weather and Radar Processor (WARP) Recommended Settings for Host, En Route Automation Modernization (ERAM), and Ocean 21 Facilities, and Anchorage Air Route Traffic Control Center (ARTCC) Micro En Route Automated Tracking System (MEARTS) Sectors is canceled effective March 16, 2012.
- 5. Explanation of Policy Changes.** The procedural guidance contained in this order remains unchanged from Order JO 7210.629A. The only change involves the expansion of the applicability of the order to ZSU, ZUA, and HCF, editorial changes, and the deletion of a footnote to the 240-600 WARP Altitude Filter Key setting that addressed the replacement of the 240-330 filter key with the 240-600 filter key.
- 6. Guidance.** The following table describes the recommended NEXRAD WARP altitude filter key setting in accordance with the lowest and highest altitude limit for the applicable sector. Facilities shall identify the applicable WARP altitude filter key setting for each sector in a local directive when WARP is displayed as the source of precipitation information.

Lowest altitude within sector's control jurisdiction	Highest altitude within sector's control jurisdiction	WARP Altitude Filter Key	Effective Range
Any altitude from the surface up to FL 230	Any altitude up to FL 600	000-600	248 NM
Between FL 240 through FL 320	Any altitude up to FL 600	240-600	124 NM
FL 330 or higher	Any altitude up to FL 600	330-600	124 NM

Note: For sectors in which there is no overlapping NEXRAD coverage within 248 NM, or sectors with airspace that overlie coastal areas, facilities should consider the benefits of the greater range (248 NM) afforded by the 000-600 WARP Optimal Mosaic product as compared to the layered product (124 NM).

7. Action. Facilities shall identify the applicable NEXRAD WARP altitude filter key setting for each sector in a local directive and ensure that controllers working operational positions are appropriately briefed.

8. Distribution. This notice is distributed to ATO En Route and Oceanic Service Unit offices; ATO Terminal Service Unit offices; the William J. Hughes Technical Center; the Mike Monroney Aeronautical Center; and En Route and Oceanic air traffic control facilities.

9. Background. The recommendations contained in this directive are based on the results of analyses related to the performance of the WARP Optimal Mosaic product and a comparative assessment of the ability of each WARP altitude filter key setting to provide a comprehensive presentation of pertinent precipitation information for the corresponding altitude stratum. Existing procedures in FAA Order 7110.65, Air Traffic Control, Paragraph 2-6-4, Weather and Chaff Services, shall be used to report anomalies in NEXRAD WARP presentation.

10. Safety Risk Management. Safety risk management review and assessment of the impact of the installation of WARP in ZSU, ZUA, and HCF is addressed in Safety Risk Management Decision (SRMD) for SSM-WARP-162, WMSCR/WARP Transition to IP, WARP Lite, and Product 94.



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