



U.S. Department
of Transportation
**Federal Aviation
Administration**

Memorandum

Subject: **ACTION:** High Altitude Redesign (HAR) Non-
Restrictive Routing (NRR) Implementation,
September 23, 2003

Date: AUG 20 2003

From: Program Director for Air Traffic
Airspace Management, ATA-1

Reply to
Attn. of:

To: Program Manager for Air Traffic
Tactical Operations, ATT-1
Program Director for Air Traffic Planning and
Procedures, ATP-1
Regional Air Traffic Division Managers

We are implementing HAR functionality for non-restrictive routing (NRR) at the point-to-point (PTP) level. Implementation of NRR PTP will begin on September 23, 2003 in the seven centers including: Chicago, Minneapolis, Kansas City, Denver, Salt Lake, Seattle, and Oakland at flight level three nine zero and above. Adjacent centers may also experience some flow and Letter of Agreement changes due to NRR pitch and catch fixes. Those centers include: Cleveland, Indianapolis, Memphis, Fort Worth, Albuquerque, and Los Angeles.

Attached is a copy of the briefing describing the NRR functionality. A copy of the briefing is also being sent electronically to the 520's. Please ensure that controllers within your facilities are briefed on the new capabilities prior to the implementation date. Facilities should add any local information on specific flow changes, or any letter-of-agreement changes.

Also, attached is a list of current NRP routes along with the NRR routes for comparison.

If you have any questions, please contact John Timmerman at (202) 267-7247.

Sabra W. Kaulia

Attachments