

Boston Logan International Airport

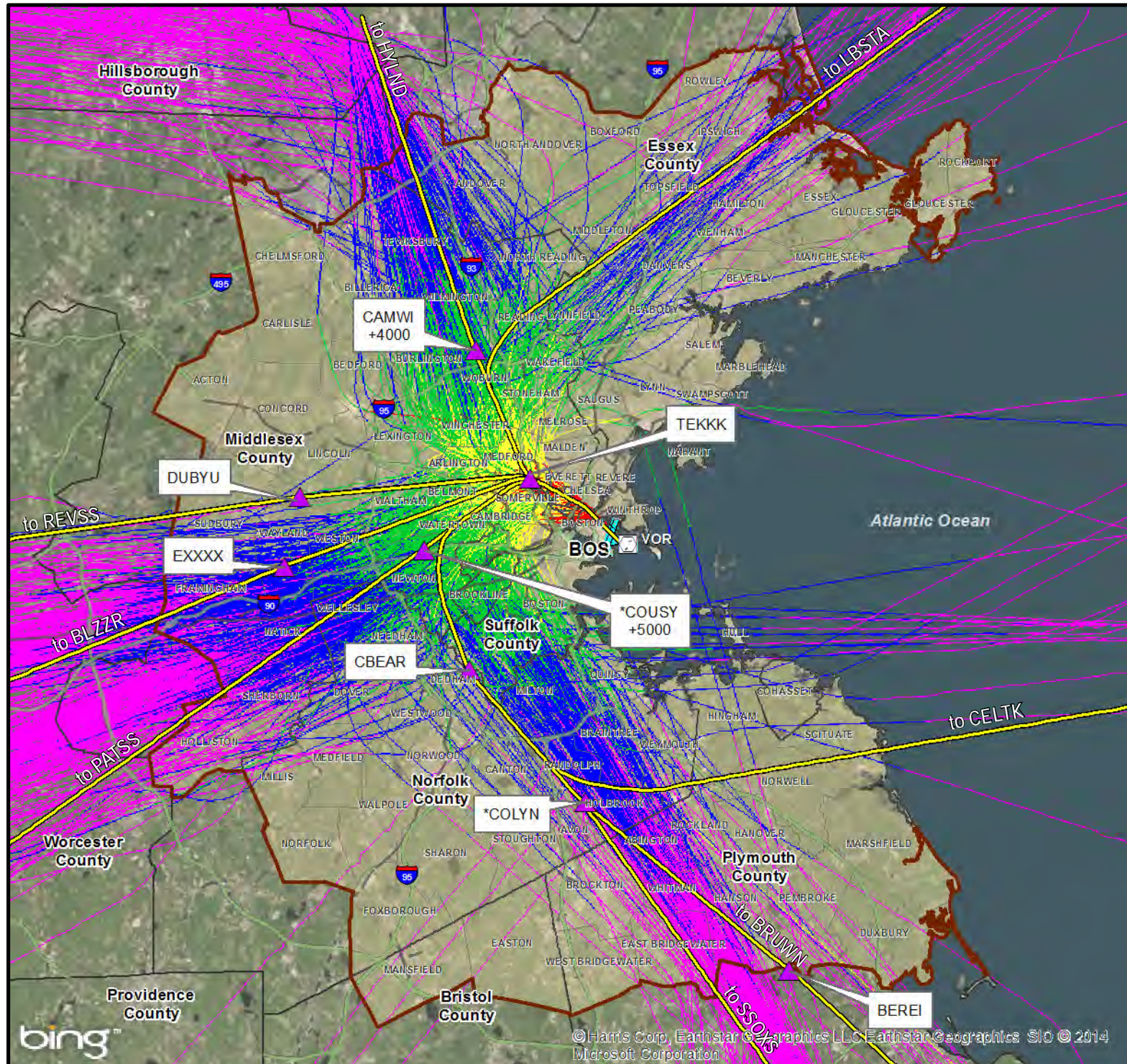


Figure 1
Runway 33L LOGAN SIX
Jet Departures Compared
with Proposed Action

(Final EA Figure 2-5, Revised 4/29/14)

LEGEND

- Runway 33L RNAV SID Noise Model Departure Flight Tracks (Expected Flyability Track)
- Waypoint
- Study Area
- Community within Study Area
- County Boundary
- BOS VOR/DME
- Interstate
- Highway

LOGAN SIX Runway 33L Departures (June 2012 – June 2013)

- 0 - 3,000 ft AGL
- 3,001 - 6,000 ft AGL
- 6,001 - 10,000 ft AGL
- 10,000 - 14,000 ft AGL
- 14,001+ ft AGL

Note: Procedure applies to RNAV-capable Jet aircraft. Turboprop and non-RNAV capable aircraft use LOGAN SIX Conventional SID.



Boston Logan International Airport Runway 33L RNAV SID One-Year Post Implementation Report

0 1 2 4 Nautical Miles

Source: Radar Data: FAA PDARS (3/26/12, 3/30/12, 4/27/12, 4/30/12, 12/11/12, 12/12/12)
 RNAV: TARGETS (FAA PBN Integration Office)
 Office of Geographic Information (MassGIS), ESRI
 *The COLYN and COUSY waypoints switched names in the final procedure design for the Runway 33L RNAV SID

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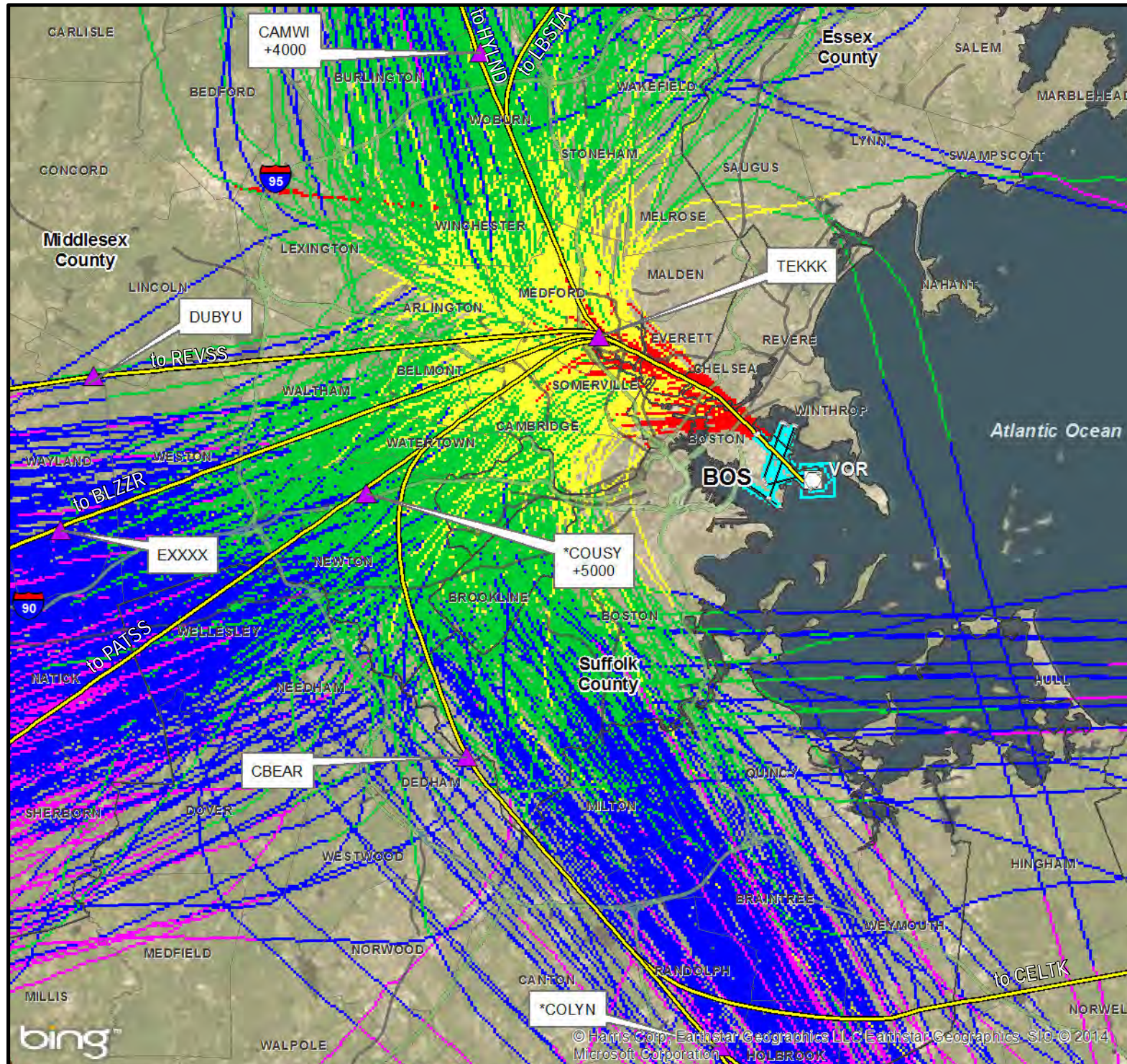


Figure 2
Runway 33L LOGAN SIX
Jet Departures Compared
with Proposed Action

(Final EA Figure 2-5, Revised 4/29/14)

LEGEND

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Boston Logan International Airport Runway 33L RNAV SID One-Year Post Implementation Report

0 0.75 1.5 3 Nautical Miles

Source: Radar Data: FAA PDARS (3/26/12, 3/30/12, 4/27/12, 4/30/12, 12/11/12, 12/12/12)
RNAV: TARGETS (FAA PBN Integration Office)
Office of Geographic Information (MassGIS), ESRI
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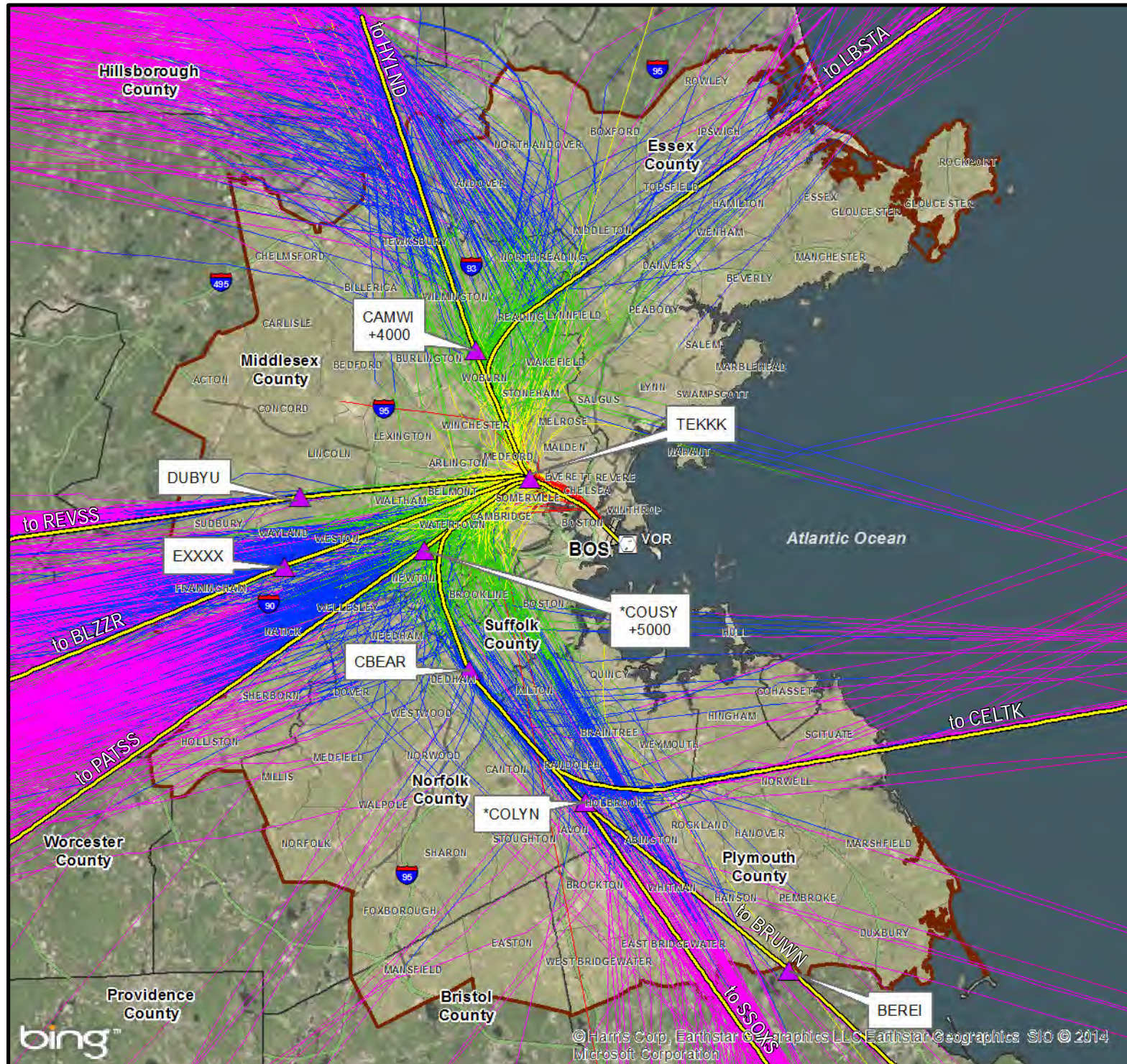


Figure 3
Runway 33L RNAV Flight Tracks with Altitudes

LEGEND

Runway 33L RNAV SID Noise Model Departure Flight Tracks (Expected Flyability Track)



Waypoint



Study Area



Community within Study Area



County Boundary



BOS VOR/DME

Interstate

Highway

Post Implementation RNAV Runway 33L Jet Departures (June 2013 – May 2014)

- 0 - 3,000 ft AGL
- 3,001 - 6,000 ft AGL
- 6,001 - 10,000 ft AGL
- 10,000 - 14,000 ft AGL
- 14,001+ ft AGL

Note: Procedure applies to RNAV-capable Jet aircraft. Turboprop and non-RNAV capable aircraft use LOGAN SIX Conventional SID.



Boston Logan International Airport Runway 33L RNAV SID One-Year Post Implementation Report

0 1 2 4 Nautical Miles



Sources:
Radar Data: RNAV: One representative day per month, (6/9/13, 7/6/13, 8/5/13, 9/23/13, 10/8/13, 11/8/13, 12/6/13, 1/7/14, 2/14/14, 3/13/14, 4/6/14, 5/14/14)
RNAV: TARGETS (FAA PBN Integration Office)
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