



**Federal Aviation
Administration**

UNITED STATES GOVERNMENT SPECIFICATIONS

**IFR ENROUTE LOW ALTITUDE CHARTS -
U.S. AND ALASKA**

**IACC 1
27 October 2014**

Prepared by the Interagency Air Cartographic Committee (IACC)

**UNITED STATES GOVERNMENT SPECIFICATIONS
FOR THE
IFR ENROUTE LOW ALTITUDE CHARTS - U.S. AND ALASKA**

27 October 2014

These specifications have been developed by the Interagency Air Cartographic Committee (IACC), composed of representatives of the Department of Defense and the Federal Aviation Administration, for use in the preparation of the United States Government IFR Enroute Low Altitude Charts - U.S. and Alaska. These specifications shall be complied with, without deviation, until such time as they are amended by formal IACC action.

Changes to these specifications will be provided when necessitated by new requirements or through development action of the IACC.

Questions of interpretation that arise in the use of these specifications shall be referred to the Chair, Interagency Air Cartographic Committee.

FAA/National Aeronautical Navigation Products

DoD/NGA/MSRF

FAA/Aeronautical Information Management

DoD/NGA/SF

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CHANGES APPLIED TO MOST RECENT EDITION

REQUIREMENT DOCUMENTS

- a. None applied in this edition.

EDITORIAL CHANGES

- a. EC 14-04 - Charting RCO Frequencies
- b. EC 14-16 - Final Product Print Color Variation

CHANGES APPLIED TO 28 APRIL 2014 EDITION**REQUIREMENT DOCUMENTS**

- a. RD 432 - NDB/DME
- b. RD 440 - Superseded by RD 490
- c. RD 442 - Off-Route Obstruction Clearance Altitude (OROCA) Overprint to Low Altitude Enroute Charts
- d. RD 445 - Grand Canyon National Park (SFRA)
- e. RD 446 - Superseded by RD 536
- f. RD 467 - Superseded by RD 536
- g. RD 472 - Airway Direction of Flight Indicators in Canadian Airspace
- h. RD 474 - 210 KIAS Holding Patterns
- i. RD 479 - Superseded by RD 502
- j. RD 484 - Unnamed Airway Intersections on Enroute Charts
- k. RD 490 - Revised NAVAID Weather Broadcast Symbol on IFR and VFR Charts
- l. RD 491 - RNAV Waypoints on IFR Charts
- m. RD 499 - Remove Mode C Cross-hatching from IFR Enroute Charts
- n. RD 502 - Elimination of Air/Ground Communication Tabulation on Enroute Low Altitude Charts
- o. RD 504 - Airport Identifiers to the Airport Data Block on IFR Enroute Charts
- p. RD 505 - Airport Associated City Names to the Airport Data Block on IFR Enroute Charts
- q. RD 509 - Superseded by RD 549
- r. RD 514 - Superseded by RD 533
- s. RD 516 - Time Zones on Chart Indexes
- t. RD 520 - Charting of Compulsory Reporting Waypoints
- u. RD 526 - Terrain Contours on Area Charts
- v. RD 527 - Application of Barcodes on FAA/NACO Aeronautical Products
- w. RD 528 - Waypoints
- x. RD 532 - RNAV and Joint RNAV Routes
- y. RD 533 - Dual Symbol Usage
- z. RD 534 - Military Landing Rights
- aa. RD 536 - U.S. and AK High and Low Enroute Charts Reschema
- ab. RD 543 - Deleting Seaplane Base Symbology
- ac. RD 549 - Charting of OROCA Definition on IFR Enroute Low Altitude Charts
- ad. RD 551 - NOTAM Definition on Chart Legends
- ae. RD 564 - Paired VHF Frequencies with TACAN Channels
- af. RD 566 - Q-Route MEAs
- ag. RD 575 - NOTAM Definition on Chart Legends
- ah. RD 583 - Phoenix Area Chart
- ai. RD 587 - RNAV IFR Terminal Transition Route (RITTR)
- aj. RD 592 - Runway Lighting at Private Airports on Enroute Charts
- ak. RD 594 - Off-airport (Stand-alone) AWOS/ASOS on Enroute Charts
- al. RD 618 - Depiction of LF/MF Tapered Routes on Enroute Charts

- am.**RD 620 - Depiction of RCAG Boxes on the Enroute Charts
- an.** RD 621 - Depiction of FSS Boxes on Enroute Charts
- ao.** RD 624 - ICAO Location Indicators
- ap.** RD 638 - Charting of Out of Service and Shutdown NAVAIDs
- aq.** RD 643 - Airport Locations Listing on Enroute Low Charts
- ar.** RD 654 - OROCA Values Outside U.S. ADIZ - Low Enroute Charts
- as.** RD 661 - Standard Flight Service Station (FSS) Frequencies, Remote Control Outlet (RCO) Radio Name, and Airport Advisory Service (AAS)
- at.** RD 664 - Deletion of Airport Name from ILS Facility Boxes
- au.** RD 665 - Revision of Alert Area Color on Visual & Enroute Charts
- av.** RD 677 - Deletion of TACAN Fix Data from Enroute Charts
- aw.**RD 680 - Low Altitude Helicopter RNAV Routes on Enroute & Visual Charts
- ax.** RD 683 - Enroute Title Panel Revisions
- ay.** RD 685 - Automatic Flight Information Service (AFIS) - Alaska FSSs Only
- az.** RD 689 - MTA Charting on Enroutes
- ba.** RD 690 - On-Request and Compulsory Reporting Functionality of NAVAIDs
- bb.** RD 697 - Deletion of UHF NDBs from Enroute Charts
- bc.** RD 703 - Charting Criteria for Public-use and Private-use NAVAIDs - See also EC 12-15.
- bd.** RD 716 - Depiction of Canadian Class G Airways
- be.** RD 724 - Addition of QR Codes to AeroNav Products
- bf.** RD 733 - Removal of SUA Hashing on Airways/Terminal Routes

EDITORIAL CHANGES

- a. EC 00-08 - Superseded by EC 01-10
- b. EC 01-10 - Outside U.S. Airspace Notes
- c. EC 02-02 - Enroute Charts NAS & AK
- d. EC 02-03 - NAS After Airport Name
- e. EC 03-02 - SFAR Note on AK Low Enroute
- f. EC 03-03 - Boxed Terrain Note on Area Charts
- g. EC 03-05 - RNAV Route Legends
- h. EC 05-02 - Enroute Low Chart Reschema
- i. EC 05-03 - Superseded by EC 06-05. See also RD 683.
- j. EC 05-10 - Compulsory Waypoints
- k. EC 06-03 - Dash Information on Enroute Legend
- l. EC 06-05 - Revise Contact Information. See also RD 683.
- m. EC 06-10 - RNAV Holding Patterns
- n. EC 06-15 - Enroute Low Chart Parameters
- o. EC 07-06 - Airport Locations in Enroute Tabs
- p. EC 07-07 - Redefined definition of “Collocated” NAVAIDs and FSS Outlets
- q. EC 07-08 - Blue/Green Airports Criteria Change
- r. EC 08-03 - Enroute Area Chart Outline Color Change
- s. EC 08-06 - Add References to Russian Airspace
- t. EC 08-08 - Boxed Note L-21
- u. EC 09-09 - L-21 Chart Index Reference to Offshore Nav Only
- v. EC 09-10 - MTR Clarification - Visual/Enroute
- w. EC 10-06 - Delete FAR Part 93 Params from Low Enroute Charts
- x. EC 11-01 - Product Notes AeroNav Products
- y. EC 12-09 - Depiction of Canadian DRCOs
- z. EC 12-10 - Objectionable Airport Charting
- aa. EC 12-14 - T-Route Legend Verbiage
- ab. EC 12-15 - Private NAVAIDs Outside the U.S. Airspace
- ac. EC 13-19 - Addition of RNAV 2 Terminology to Legends

CHANGES APPLIED TO 16 SEPTEMBER 1993 EDITION**REQUIREMENT DOCUMENTS**

- a. RD 410 - Canadian and Mexican Airport/Seaplane Bases on Enroute Charts
- b. RD 432 - NDB/DME
- c. RD 440 - Hazardous In-flight Weather Advisory Service (HIWAS) on Visual and Enroute Charts

EDITORIAL CHANGES

- a. No Editorial Changes applied

AMENDMENT OF SPECIFICATIONS

1. PROCEDURE

- a. Recommendations for amendments to specifications from the Department of Defense shall be directed to:

National Geospatial-Intelligence Agency
7500 GEOINT Drive
Springfield, VA 22150-7500

- b. Recommendations for amendments to specifications from the Federal Aviation Administration shall be directed to:

Federal Aviation Administration /AeroNav Products
SSMC-4 Sta # 4445
1305 East-West Highway
Silver Spring, MD 20910

2. AMENDMENT SYSTEM

- a. Change to the specifications will be issued at the effective date of the latest Requirement Document (RD) and / or Editorial Change (EC).
- b. The Specification will be dated, indicated along the upper margin of each page, to reflect the most current change.

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