

NOTICE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

N 8900.156

National Policy

Effective Date:
6/1/11

Cancellation Date:
6/1/12

SUBJ: OpSpec/MSpec/LOA B035, Class I Navigation in the U.S. Class A Airspace Using Area or Long-Range Navigation Systems

1. Purpose of This Notice. This notice provides revised guidance for Federal Aviation Administration (FAA) certificate-holding district offices (CHDO) and principal operations inspectors (POI) assigned to operators conducting airplane operations under Title 14 of the Code of Federal Regulations (14 CFR) parts 91 subpart K (part 91K), 121, 125 (including the Letter of Deviation Authority (LODA) part 125 subpart M (part 125M) operators), and 135. This notice amends and clarifies the authorization (B035) for Class I navigation in the U.S. Class A airspace using Area Navigation (RNAV) or long-range navigation systems (LRNS). This notice amends all B035 templates (i.e., operations specification (OpSpec) B035, management specification (MSpec) B035, and letter of authorization (LOA) B035) for operators conducting airplane operations under parts 91K, 121, 125 (including the LODA 125M operators), and 135. This is a mandatory change to B035.

2. Audience. The primary audience for this notice is FAA CHDOs and POIs assigned to operators conducting airplane operations under parts 91K, 121, 125 (including the LODA part 125M operators), and 135. The secondary audience includes Flight Standards divisions and branches in the regions and in headquarters (HQ).

3. Where You Can Find This Notice. You can find this notice on the MyFAA employee Web site at https://employees.faa.gov/tools_resources/orders_notices. Inspectors can access this notice through the Flight Standards Information Management System (FSIMS) at <http://fsims.avs.faa.gov>. Operators may find this information on the FAA's Web site at <http://fsims.faa.gov>.

4. Background. Paragraph B035 authorizes the certificate holder to conduct Class 1 navigation in the U.S. Class A airspace using an RNAV or LRNS approved by this paragraph, provided the special limitations and provisions of this OpSpec are met. Except as provided in these OpSpecs, the certificate holder shall not conduct any other operation using RNAV or LRNS in the U.S. Class A airspace. These templates have been updated to clarify the current authorizations and allow operators to fly on the Q-routes in Alaska, as well as update the table's drop-down list for domestic routes. The drop-down menu for "Domestic RNAV Route" now allows the POI to select "N/A" or "Q."

5. Guidance. The Flight Technologies and Procedures Division (AFS-400) developed this notice. This notice contains the sample OpSpec B035 template in Appendix A that applies to part 121.

6. Action. POIs should review the revised guidance for issuance of the paragraph contained in this notice. POIs should provide this notice to the operators for whom they are responsible, alerting them to updated operating procedures as well as required pilot knowledge and training. This authorization is mandatory, with a compliance date of 90 days from the date of this notice.

7. Disposition. We will permanently incorporate the information in this notice into FSIMS before this notice expires. Direct questions concerning the information in this notice to the Flight Operations Branch (AFS-470) at 202-385-4623.

for 

John M. Allen
Director, Flight Standards Service

Appendix A. Sample OpSpec Paragraph B035, Class I Navigation in the U.S. Class A Airspace Using Area or Long-Range Navigation Systems: 14 CFR Part 121

- a. The certificate holder is authorized to conduct Class I navigation in the U.S. Class A airspace using the airplanes and RNAV or long-range navigation systems (LRNS) approved by this paragraph, provided the special limitations and provisions of this operations specification are met. Except as provided in these operations specifications, the certificate holder shall not conduct any other operation using RNAV or LRNS systems in the U.S. Class A airspace.
- b. Airplanes and Navigation Equipment. The certificate holder is authorized to conduct Class I navigation in the U.S. Class A airspace using the following airplanes and navigation systems.

Table 1—Airplane(s), RNAV Equipment, and Routes Authorized

Airplane Type (Make/Model/Series) ?	Navigation Equipment (Manufacturer/Model) ?	Domestic RNAV Route ?	Limitations and Conditions ?
Drop Down List ▼	Text Box	Drop Down List ▼	Text Box

- c. RNAV Authorization for Domestic Routes. RNAV equipment that meets the performance necessary to fly domestic Q-routes is authorized in Table 1. This authorization does not include Q-routes in the Gulf of Mexico.
- d. Special Limitations and Provisions. The certificate holder shall comply with the following limitations and provisions when conducting any operation authorized by this paragraph.
- (1) The certificate holder shall not conduct such operations unless the certificate holder's approved training program provides training for the equipment and special procedures to be used.
 - (2) Except when navigation is performed under the supervision of a properly qualified check airman, any pilot used in operations authorized by this paragraph must be qualified in accordance with the certificate holder's approved training program for the navigation system being used.
 - (3) For operations in the continental United States, unless the RNAV route specifically requires GPS or GNSS equipment, aircraft on the RNAV route must be within ATC radar surveillance and communication. If ATC radar fails, an ATC clearance shall be obtained to continue the flight without the use of RNAV routes. If RNAV or the LRNS fails, notify ATC as soon as practical.
 - (4) For operations in Alaska, the entire portion of the intended route of flight, using the RNAV or LRNS, shall be under ATC radar surveillance and communication. If ATC radar fails, an ATC clearance shall be obtained to continue the flight without the use of RNAV routes. If RNAV or the LRNS fails, notify ATC as soon as practical.
 - (5) The airborne navigation equipment (VOR, DME, automatic direction finder (ADF)) required to navigate in the U.S. Class A airspace using airways navigation facilities is installed and operational.