

ORDER

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

GL 6050.12A

GREAT LAKES REGION

11/25/77

* SUBJ: EXPANDED SERVICE VOLUMES FOR NAVAIDS (ESV) *

* 1. PURPOSE. To provide Air Traffic Facilities coordination procedures for the expanded use of NAVAIDS beyond the normal service volume. *

2. DISTRIBUTION. This Order is being distributed in the Great Lakes Region to Air Traffic, Flight Standards and Airway Facilities Branch Chiefs and above Centers (ARTCCs) and Flight Inspection Field Offices (FIFOs).

3. CANCELLATION. Order GL 6050.12 dated March 7, 1975.

* 4. BACKGROUND. The usable distance and altitude of NAVAIDS is determined by protection from radio frequency interference. Geographical separation of NAVAIDS is utilized to establish frequency protection. The responsibility for providing this protection and assignment of frequencies will be provided by the Regional Frequency Engineering Office, AGL-438. NAVAIDS are frequency protected and flight checked to the normal NAVAID use limitations listed in Handbook 7110.65. *

* 5. PROCEDURES. When developing procedures of any type, every effort should be made to develop them within the limits of the normal service volume associated with the facility class. NAVAIDS shall not be certified for use beyond this service volume unless the Frequency Engineering Office, AGL-438, has determined the expanded service volume is theoretically protected and a confirming flight check is accomplished. *

a. Processing establishment/revision of ESV.

* (1) The originating office shall submit the request for ESV action directly to the Frequency Engineering Office (AGL-438) on FAA Form 6050-4 (Form-set: original and five copies). *

* (2) AGL-438 will advise the originating office of approval or disapproval by returning the form-set. *

→ (3) The originating office shall then request the confirming flight check by letter to the Airspace and Procedures Branch (AGL-530). The letter shall include justification and be accompanied by the form-set.

Distribution: FAT-1 (normal); FAT-2 (normal);
FFS-4 (minimum) RAT/AF/FS - 3

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(4) AGL-530 will request the flight check from the Flight Inspection and Procedures Staff (AGL-220). The request will be accompanied by the form-set.

(5) AGL-220 will request the flight check from the Flight Inspection Field Office (FIFO) or the Flight Inspection National Field Office (FINFO) as appropriate.

(6) Upon completion of the flight check, AGL-220 will advise the appropriate office via distribution of the form-set as labeled. However, the "originator" and "Regional Air Traffic Division" copies shall be forwarded to AGL-530 who will in turn forward the originator's copy as appropriate.

(7) AGL-530 will be the originating office for airways, jet routes, and compulsory reporting points.

b. Cancellation of ESV.

(1) When an approved ESV is no longer required, the using office shall advise the Airspace and Procedures Branch (AGL-530) on FAA Form 6050-4.

(2) AGL-530 will forward the form-set through AGL-438 to AGL-220.

(3) AGL-220 will advise the appropriate FIFO/FINFO and distribute the form-set as labeled and forward in accordance with paragraph 4a(6) of this order.

c. Review of ESV.

(1) Each originating office will keep a current file of ESVs used.

* (2) AGL-438 will periodically issue a list of regional ESVs to
FIFOs, ARTCCs, AGL-530 and AGL-220. *

(3) The above offices will review these lists for accuracy and notify AGL-438 of any errors or omissions. *


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