

ORDER

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

6790.7A

7/28/78

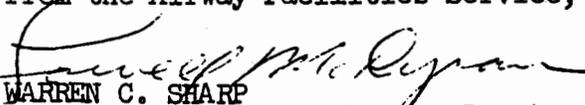
**VERY-HIGH-FREQUENCY OMNIDIRECTIONAL RANGE AND VERY-HIGH-FREQUENCY
OMNIDIRECTIONAL RANGE/DISTANCE MEASURING EQUIPMENT AND CONSTRUCTION
SUBJ: SPECIFICATION WITH 21-FOOT DIAMETER SHELTER INCLUDING ENGINE GENERATOR**

1. **PURPOSE.** This order directs the use of the standard drawings and construction specification for the establishment of very-high-frequency omnidirectional range (VOR) and VOR/distance measuring equipment (DME) facilities with standby power. Appendix 1 lists the individual drawings and construction specification implemented by this order.
2. **DISTRIBUTION.** This order is distributed to the branch level in the Airway Facilities, Logistics, and Systems Research and Development Services in Washington headquarters; to branch level in the regional Airway Facilities divisions (except AEU); and to the director level at NAFEC and the Aeronautical Center.
- * 3. **CANCELLATION.** Order 6790.7, VOR and VOR/DME Standard Drawings and Construction Specification With 21-Foot Diameter Shelter Including Engine Generator, dated 1/13/76 is canceled. *
4. **BACKGROUND.** This design provides a combined shelter and counterpoise for VOR or VOR/DME facilities that require standby power. The design includes lighting, heating and air-conditioning, and sanitary systems. Sanitary systems shall be installed only when authorized by the latest * edition of Order 6960.1, Sanitary Systems in FAA Facilities. This order corrects minor discrepancies which have been noted during fabrication and construction of the shelters. *
5. **DEVIATION FROM STANDARD.** No deviation from the standard is authorized without the prior approval of the Director, Airway Facilities Service. Regional site adaptation to accommodate terrain, utility connections, parking lots, access roads, and similar details is authorized without further clearance. Dimensional errors, discrepancies, or suggestions for modification or addition of details should be brought to the attention of the Chief, Environmental Systems Division, AAF-500, Airway Facilities Service.
6. **CORRECTIONS TO STANDARD.** Corrections to the standards may be made by the Director, Airway Facilities Service, without further regional or interservice coordination. These may include misspellings, corrections of dimensional errors, and modification, addition, or deletion of minor details.

Distribution: WAF/LG/RD-3; RAF-3 (Except AEU); NC-1

Initiated By: ~~AAF-510~~
AOR 400

- * 7. DISTRIBUTION OF DRAWINGS. A reproducible copy of each revised drawing is being forwarded to NAFEC; each region (except AEU), Attention: Airway Facilities Division; and two copies of each drawing to the Aeronautical Center, Attention: Chief, FAA Depot. Copies of the drawings may be obtained from the Airway Facilities Service, Attention: AAF-510. *


WARREN C. SHARP
Director, Airway Facilities Service

APPENDIX 1. VOR AND VOR/DME STANDARD DRAWINGS AND CONSTRUCTION SPECIFICATIONDRAWINGS

<u>NUMBER</u>	<u>DATE</u>	<u>TITLE</u>
D-6062-0	9/15/75	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; Cover Sheet
D-6062-1	9/15/75	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; Typical Plot Plan
*D-6062-2	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; Floor Plan, Elevations, and Sections
D-6062-3	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; Electrical, Grounding Plan and Legend
D-6062-4	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; Electrical, Details and Schedules
D-6062-5	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter with Engine Generator; HVAC: Plan and Details
D-6062-6	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter; Details: Center Column and Door
D-6058-3	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter, Details
D-6058-6	6/9/78	VOR and VOR/DME Facility, 21-ft. Diameter Shelter, Foundation, Roof Plan and Details

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SPECIFICATION

<u>Number</u>	<u>Date</u>	<u>Title</u>
FAA-C-2637	1/23/76	Construction of VOR/DME or VORTAC Facility with 21-Foot or 32-Foot Diameter Counterpoise and Equipment Building