

CHANGE

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

6300.11 CHG 2

3/20/80

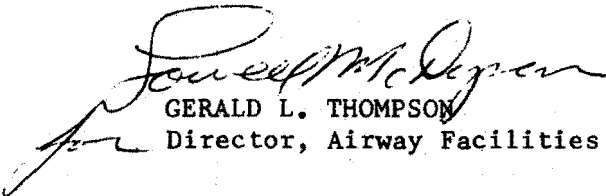
**Cancellation
Date: Retain**

SUBJ: HEIGHT FINDER RADAR (HFR) TOWER, INTERIOR DESIGNS

This change issues revised dates of the standard drawings for the interior modifications to height finder radar (hfr) towers at joint surveillance systems (jss) facilities listed in appendix 1.

PAGE CONTROL CHART

Remove Pages	Dated	Insert Pages	Dated
Appendix 1 1	7/11/79 7/11/79	Appendix 1 1	3/20/80


GERALD L. THOMPSON
Director, Airway Facilities Service

**Distribution: A-W(AF)-3; A-W(RD)-2; A-X(AF)-2; (except ACE, Initiated By: AAF-560
AAL, APC, AWE, ANE, ANW, ASW); A-YZ-1**

CHANGE

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

6300.11 CHG 1

7/11/79

Cancellation
Date: Retain

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This change issues revised dates of the standard drawings for the interior modifications to height finder radar (hfr) towers at joint surveillance system (jss) facilities listed in appendix 1.

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<u>Remove Pages</u>	<u>Dated</u>	<u>Insert Pages</u>	<u>Dated</u>
Appendix 1	1/16/79	Appendix 1	7/11/79


WARREN C. SHARP
Director, Airway Facilities Service

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AAL, APC, AWE, ANE, ANW, ASW); A-YZ-1

ORDER

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

6300.11/1

1/16/79

Including ChG-1+2

SUBJ: HEIGHT FINDER RADAR (HFR) TOWER, INTERIOR DESIGNS

1. PURPOSE. This order announces the issuance of and directs the use of standard drawings and specification for the interior modifications to height finder radar (hfr) towers at joint surveillance system (jss) facilities. Appendix 1 lists the individual drawings and specification implemented by this order.

2. DISTRIBUTION. This order is distributed to the branch level in the Airway Facilities Service and to division level in the Systems Research and Development Service in Washington headquarters; to branch level in the regional Airway Facilities divisions (except AAL, ACE, ANE, ANW, APC, ASW, and AWE); and to the director level in the Aeronautical Center and NAFEC.

3. BACKGROUND.

a. The FAA, under JSS Agreement NAT-614, has agreed to furnish directly, or by contract supplies, equipment and services which the United States Air Force (USAF) requires and has funds available for reimbursable payment. Under this program, the FAA will construct foundations, grounding systems, and underground utilities for hfr towers at ARSR-3 facilities in accordance with Drawing Series D-5981 and D-5988. The USAF will erect the hfr towers which include a structural steel framework, steel decks, and sheet metal siding. The FAA will then make improvements to the towers in accordance with the aforementioned designs to provide operational and equipment spaces. These improvements include installation of partitions, ceilings, floors, thermal insulation, and plumbing, heating, ventilation, air-conditioning, and electrical systems. Funding for accomplishment of the projects will be through the Radar/Automation Engineering Division, AAF-300, Airway Facilities Service. The regions shall submit cost estimates to AAF-300 who will arrange for funding from USAF and will then issue project authorizations for each project.

b. The drawing titles use the USAF designation of HFR-AB 563 for the 25-foot tower in which the improvements will be made. When a 50-foot hfr tower is installed, the AB 563 is installed at the top of the tower and AB 305 is installed as the bottom 25 feet of the tower.

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Initiated By:

~~AAF-560~~
AOP 400
ATC Facilities

4. DEVIATIONS FROM STANDARDS. No deviation from the standards is authorized without the prior approval of the Director, Airway Facilities Service. Regional site adaptation to accommodate environmental conditions and hfr tower deviations is authorized without further clearance. Dimensional errors, discrepancies, or suggestions for modification or additional details should be brought to the attention of the Chief, Environmental Systems Division, AAF-500, Airway Facilities Service.

5. CORRECTIONS TO STANDARD. Corrections to the standard 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.

6. DISTRIBUTION OF DESIGNS. A reproducible copy of each drawing is provided to each region which will make modifications to an hfr tower interior, Attention: Airway Facilities Division. Prints of each drawing are provided to the Aeronautical Center, Attention: Facility Support Division, and NAFEC. Distribution of the specification is provided to the aforementioned.


WARREN C. SHARP
Director, Airway Facilities Service

APPENDIX 1. HEIGHT FINDER RADAR (HFR) STANDARD DRAWINGS

<u>Number</u>	<u>Date</u>	<u>Title</u>
D-6147-0	1/16/79	Height Finder Radar, Interior Designs for 25- and 50-foot Towers, Title/Index Sheet
D-6147-A1	6/7/79	HFR-AB 563, Operations Floor, Floor Plan and Details
D-6147-A2	6/7/79	HFR-AB 563, Operations Floor, Details
D-6147-A3	6/7/79	HFR-AB 563, Second Floor, Floor Plans and Details
D-6147-M1	10/30/79	HFR-AB 563, Mechanical Floor Plans
D-6147-M2	10/30/79	HFR-AB 563, Mechanical Schematics and Schedules
D-6147-M3	10/30/79	HFR-AB 563, Plumbing
D-6147-E1	11/12/79	HFR-AB 563, First Floor Plan, Electrical
D-6147-E2	10/30/79	HFR-AB 563, Second Floor Plan, Electrical
D-6147-E3	11/12/79	HFR-AB 563, Electrical Details

SPECIFICATION

<u>Number</u>	<u>Date</u>	<u>Title</u>
FAA-C-2688	11/12/79	Modifications to Height Finder Radar (HFR) at Joint Surveillance System Facility