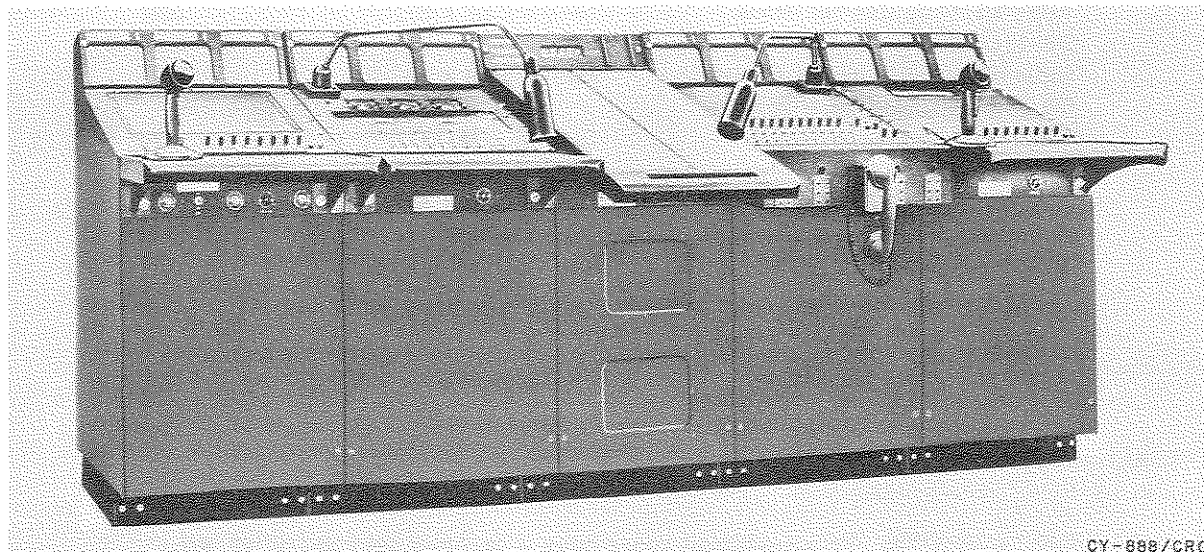


STATUS: Substitute Standard	<b>AN/FRC-TYPE</b>
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Air Force	
DATE OF THIS SHEET: 26 May 52	
AN/COMP TYPE NUMBER: CY-888/CRC	
CONTROL TOWER CONSOLE	



CY-888/CRC

Control Tower Console CY-888/CRC is used in air base operation. It normally forms a part of Airport Control Tower Console AN/FRC-19A and replaces Control Tower Console CY-442/CRC. It provides unified control of aircraft traffic operating either under visual CFR (contact flight rules) or under IFR (instrument flight regulations). This console is a centralized control point for all communication functions normally found in a control tower.

This equipment is comprised primarily of two local and one remote operating positions. Provisions are made for transmitter, receiver, field lighting, and recorder control.

Intercommunication, and crash alarm, commercial telephone connection, meteorological data presentation, range monitoring, and flight progress control facilities are also provided.

Two operator control positions are furnished. Each end section contains duplicate radio transmitter control facilities; the center sections are arranged so that either operator can manipulate the controls.

Storage Battery BB-245/U is supplied for emergency operation and permits normal operation of the equipment for 5 to 6 hours.

<b>AN/FRC-TYPE</b>		INSTRUCTION LITERATURE: TO 16-35CY442-2
CY-888/CRC	AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
CONTROL TOWER CONSOLE		USING SERVICE : Air Force
		DATE OF THIS SHEET : 26 May 52

### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Field Lighting Control Group OA-116/CRC	19-1/4 x 40 x 36	260
1	Meteorological Indicator Group OA-118/CRC	19-1/4 x 40 x 36	200
1	Flight Data Indicator Group OA-117/CRC	17 x 40 x 36	90
1	Communications Group OA-119/CRC	19-1/4 x 40 x 36	140
1	Control-Monitor Group OA-115/CRC	19-1/4 x 40 x 36	44

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Airport control at Air Force bases.

**INSTALLATION:** Ground fixed.

**CAN COMMUNICATE WITH:** This equipment constitutes a complete communication and control facility for use at ground air installations.

### TECHNICAL CHARACTERISTICS

**TYPE OF SIGNAL:** Voice or signal light.

**TYPE COMMUNICATION CIRCUITS:** Radiotelephone, commercial landline telephone, recorders, and crash alarm emergency facilities.

**CONTROL FACILITIES:** 4 telephones, 2 recorders, 12 radio receivers, 8 radio transmitters, 10 crash alarm substations, and various lighting and intercommunication facilities.

**POWER REQUIREMENTS:** 500 w, 117-234v, 60 cyc, 1 phase (3-wire) ac  
or 500 w, 117 v, 60 cyc, 1 phase (2-wire) ac.  
Emergency operation: (5 to 6 hrs): 50 v, (60 amp) dc from Storage Battery  
BB-245/U (nickel cadmium).

### PHYSICAL CHARACTERISTICS

Control Tower Console CY-888/CRC measures 94 x 40 x 36 inches, net weight 960 pounds, volume 88.5 cu ft. Packed for domestic or export shipment: total weight 1,120 pounds, total volume 111.7 cu ft, 2.8 ship tons. Shipped in 24 packages.