

Radar (Patty Cake HF [PRV-9]) -

Soviet Union [-1991]

Type: Building (Surface)

Commissioned: 0

Operator: Air Defence Troops [PVO]

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- Patty Cake HF [PRV-9] - Radar, Radar, Height-Finder, Medium-Range, Max range: 231.5 km

OVERVIEW: The PRV-9 radar (NATO name: PATTY CAKE) is a height finding radar operating in the "D/E" Band.

DETAILS: The PATTY CAKE is a predecessor to the PRV-10M PATTY CAKE mobile radar. Weapon systems associated with the PRV-9 include the S-25. The PRV-9 radar is also associated with GCI systems.

Specifications:

Frequency: 2 Ghz (E-Band)

Power output:

PRF:

Range Resolution: Unknown

On/Off time: unknown

Detection Ranges

Fighter size aircraft

500 m altitude: unknown

10000m alt.: 200 km

NOTES: IOC 1960-61 (approx).

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SOURCES: Jane's Radar and Electronic Warfare Systems, 1998-99 "Cake series height-finder radars", 22 October 2004; Radar Basics. (n.d.). "Radar Basics." Grundlagen Der Radartechnik. Accessed March 8, 2015.
<http://www.radartutorial.eu/19.kartei/karte914.en.html>.