

Radar (Knife Rest B [P-10]) -

Vietnam [1975-]

Type: Building (Surface)

Commissioned: 0

Operator: Air Force

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- Knife Rest B [P-10] - Radar, Radar, Air Search, 2D Medium-Range, Max range: 203.7 km

OVERVIEW: The P-10 radar (NATO name: KNIFE REST B) is an mobile, 2-D early warning radar operating in the "A" Band.

DETAILS: The P-10 is a mobile, truck-mounted mobile version of the P-8 radar. The P-10 was able to alter its carrier frequency to improve resistance to both passive clutter and active jamming. Weapons systems frequently associated with the P-10 include the S-75 Dvina/SA-2 GUIDELINE.

Specifications:

Frequency:

Power output: 100 kW

PRF: 100 Hz, 50 pps

Range Resolution: 2.5 km

On/Off time: unknown

Detection Ranges

Fighter size aircraft

500 m altitude: unknown

5000m alt.: 200-250 km

NOTES: IOC 1953.

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SOURCES: Janes Radar and Electronic Warfare Systems "P-10 early-warning radars, 02 July 2001; "SPOON REST." "KNIFE REST." GlobalSecurity.org - Reliable Security Information. Accessed March 14, 2015. <http://www.globalsecurity.org/military/world/russia/knife-rest.htm> ; "P-10 Radar." Wikipedia, the Free Encyclopedia. Accessed March 14, 2015. http://en.wikipedia.org/wiki/P-10_radar ; <http://pvo.guns.ru/rtv/nitel/p10.htm> ; "Radar Basics." Grundlagen Der Radartechnik. Accessed March 14, 2015. <http://www.radartutorial.eu/19.kartei/karte905.en.html> ; "P-8 Radar." Wikipedia, the Free Encyclopedia. Accessed March 14, 2015. http://en.wikipedia.org/wiki/P-8_radar ; China-Defense.com; koxinga; "A Brief History of Chinese Naval Radar and EW developments", 2004.