

Radar (Bar Lock B [P-37]) - CGI

Soviet Union [-1991]

Type: Building (Surface)

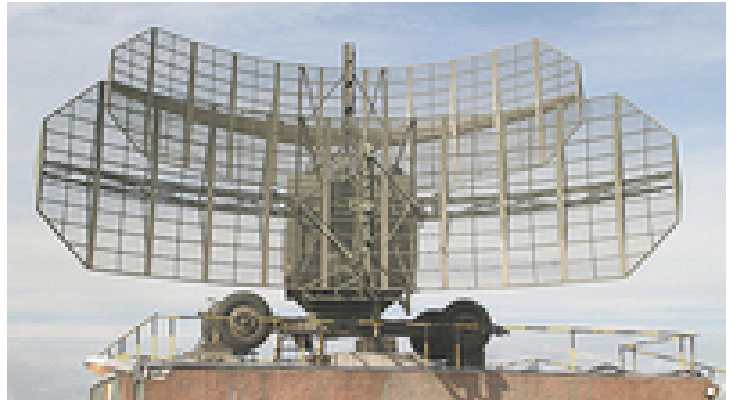
Commissioned: 0

Operator: Air Defence Troops [PVO]

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- Bar Lock B [P-37] - Radar, Radar, Air Search, 3D Long-Range, Max range: 463 km

OVERVIEW: The P-35/P-37 BAR LOCK is an early warning ground control radar operating in the E and F bands.

DETAILS: The antenna system of the P-35 is composed of two open frame truncated parabolic antenna accomplishing both transmission and reception, with both antenna are fed by a stacked beam composed of six feed horns. Being mounted on a trailer makes it semi-mobile.

NOTES: The Bar Lock series is one of the most widely exported Soviet-era radars, and remains widely used especially in developing nations.

SOURCES: Air Power Australia. "Search and Acquisition Radars (S-Band, X-band)." Accessed December 1, 2013. <http://www.ausairpower.net/APA-Acquisition-GCI.html> ; Wikipedia. "P-35 radar." Accessed December 1, 2013. http://en.wikipedia.org/wiki/P-35_radar