

Radar (AN/FPS-67C) - 3x, 1x + 1x AN/FPS-6C + 1x AN/FPS-90

Germany [FRG/Reunified]

Type: Building (Surface)

Commissioned: 0

Operator: Air Force

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- AN/FPS-67C - Radar, Radar, Air Search, 2D Long-Range, Max range: 426 km

OVERVIEW: The AN/FPS-67C is a fixed, 2-D early warning and ground-controlled interception radar system operating in the "D" Band.

DETAILS: The AN/FPS-67C is a modified AN/FPS-20A that incorporates an anti-jamming package to the radar. Like all 2D radars height finder radar is usually used with main radar.

Specifications:

Frequency: 1250 to 1350 MHz (NATO D Band)(IEEE: L Band)

Power output: 6 KW (average); 2.5 MW (peak)

PRF: 350 Hz

Range Resolution: 1.85 km (range), 1 degree (azimuth)

On/Off time: unknown

Deploy/Stow Time N/A

Max Range: 322 km

NOTES: The radar family started with the AN/FPS-3 in 1950.

SOURCES: Wikipedia, the Free Encyclopedia. Accessed March 21, 2015.

http://en.wikipedia.org/wiki/Bendix_AN/FPS-20 ; <http://fas.org/nuke/guide/usa/airdef/an-fps-20.htm> ; Bendix Corp, "AN/FPS-20Q Radar, Oceana NAS,"

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AN/FPS-20." Grundlagen Der Radartechnik. Accessed April 5, 2015.

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<http://www.bendixradiofoundation.com/documents/Bendix%20Radio%20Radar%20History.pdf> ; "RADAR." Radomes, Inc. - The Air Defense Radar Veterans Association. Accessed April 5, 2015.

<http://www.radomes.org/museum/equip/fps3tree.html> ; FAS <http://www.fas.org/nuke/guide/usa/airdef/an-fps-20.htm>