

## Radar (AN/FPS-20A) -

### Japan

Type: Building (Surface)

Commissioned: 0

Operator: Air Self-Defense Force

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- AN/FPS-20A - Radar, Radar, Air Search, 2D Long-Range, Max range: 426 km

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OVERVIEW: The AN/FPS-20 is a fixed early warning and ground-controlled interception radar system operating in the D Band

DETAILS: The FPS-20's were simple pulse-radar systems and subject to jamming using basic techniques.

Specifications:

Frequency: 1250 to 1350 MHz (D 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: IOC 1956. The radar family started with the AN/FPS-3 in 1950. By the late 1950s, this radar dominated the US radar defense network, with deployment continuing into the early 1960s. Later updates largely improved ECCM capabilities and were designated AN/FPS-64, AN/FPS-65, AN/FPS-66, AN/FPS-67, AN/FPS-91, AN/FPS-93,

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AN/FPS-100, AN/FPS-113, AN/GPS-4, and AN/FPS-508.

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

[http://en.wikipedia.org/wiki/Bendix\\_AN/FPS-20](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,"

<http://www.radomes.org/museum/documents/NAS%20Oceana%20%20AN-FPS20%20Description.pdf> ;

<http://www.radartutorial.eu/19.kartei/karte814.en.html>