

AN/AVQ-23 Pave Spike Pod [EO + LRMTS, 12k ft] (1975-1994, AN/ASQ-153, F-4D/E)

Sensor Pod

Type: Sensor Pod

Weight: 209.0 kg

Length: 3.66 m

Span: 0.0 m

Length: 3.66 m

Diameter: 0.0

Generation: None



Properties: Pod - Day-Only Navigation/Attack

Sensors / EW:

- AN/AVQ-23 [TV Camera] - Visual, Visual, Attack TV Camera, Max range: 55.6 km
- AN/AVQ-23 [Laser Designator] - Laser Designator, Laser Target Designator & Ranger (LTD/R), Max range: 18.5 km

Weapons / Loadouts:

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OVERVIEW: The AN/AVQ-23 Pave Spike is an airborne laser target designator pod, designed to improve day time/visual conditions attack capabilities.

DETAILS: The AN/AVQ-23 has both a laser designator/ranger and a TV sensor for target acquisition. Although primarily used for the designation and accurate delivery of laser-guided weapons, the laser range finder also improves the accuracy of "dumb" bombs.

NOTES: The AN/AVQ-23 was used by the USAF between 1974-89. The RAF used the system from 1978-1992. It is also used by Turkey.

SOURCES: Jane's Electro-Optic Systems, "Northrop Grumman AN/ASQ-153 and AN/AVQ-23 PaveSpike," 14 October 2009 Popeye 1,2 (AGM Have Nap/Have Lite/Raptor), 22 October 2014 ; Wikipedia, the free encyclopedia. "Pave Spike." Accessed November 2, 2014. http://en.wikipedia.org/wiki/Pave_Spike ; "Factsheets : AN/AVQ-23 Pave Spike." Accessed November 2, 2014. <https://archive.today/20121212203007/www.nationalmuseum.af.mil/factsheets/factsheet.asp?id=1010>.

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