

AS-5 Kelt [KSR-2M, ASM, 1mT Nuclear] (1972)

Guided Weapon

Type: Guided Weapon

Weight: 4080.0 kg

Length: 8.65 m

Span: 4.6 m

Length: 8.65 m

Diameter: 1.22

Generation: None



Properties: Home On Jam (HOJ), Bearing-Only Launch (BOL), Weapon - INS Navigation, Flight Profile - Level Cruise Flight

Targets: Surface Vessel

Sensors / EW:

- Passive Radar Seeker - (ASM, AS-4/5/6, Early 1970s) ESM, Weapon Seeker, Anti-Radiation, Max range: 18.5 km
- Active Radar Seeker - (ASM LR, AS-4/5/6, Early 1970s) Radar, Weapon Seeker, Active Radar, Max range: 148.2 km

Weapons / Loadouts:

- AS-5 Kelt [KSR-2M, ASM, 1mT Nuclear] - (1972) Guided Weapon. Surface Max: 222.2 km.
-

OVERVIEW: The AS-5 KELT (KSR-2M) is an air-launched, long-range, liquid fuel, supersonic, rocket-powered, anti-ship missile (ASM). It carried a 1 mT Nuclear warhead.

DETAILS: The AS-5 KELT (KSR-2M) had inertial mid-course guidance and used a X-band radar homing for terminal homing when employed in an anti-ship role. The ASM version also had a home-on-jam mode. The KSR-2M may have had two attack modes: a sea skimming trajectory, as well as a high-altitude cruise followed by a steep terminal dive. It has a CEP of 150 ft. when used in an anti-ship role.

NOTES: The KSR-2M entered service in approximately 1966 and was carried by the BADGER C and G aircraft.

SOURCES: Jane's Weapons Systems, Vol. 1: Air-Launched, Kh-11 (AS-5 'Kelt/KR-2'), 15 Dec 2012 ; Air Power Australia. "Soviet/Russian Cruise Missiles." Accessed November 10, 2013.

<http://www.ausairpower.net/APA-Rus-Cruise-Missiles.html> ; Federation of American Scientists. "AS-5 - Russian and Soviet Nuclear Forces." Accessed November 10, 2013. <http://www.fas.org/nuke/guide/russia/bomber/as-5.htm> ;

AS-5 Kelt [KSR-2M, ASM, 1mT Nuclear] (1972)

GlobalSecurity.org - Reliable Security

Information. "KSR-2 / KS-11 AS-5 KELT." Accessed November 10, 2013.

<http://www.globalsecurity.org/wmd/world/russia/as-5.htm> ; Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 357.