FFG 1 Brooke - 1978 AN/SPS-52

United States



Type: FFG - Guided Missile Frigate
Max Speed: 27 kt
Commissioned: 1978
Length: 126.3 m
Beam: 13.5 m
Draft: 7.9 m
Crew: 236
Displacement: 2640 t
Displacement Full: 3425 t
Propulsion: 2x Foster-Wheeler Boilers, 1x General Electric Steam Turbine

Sensors / EW:
- AN/SPG-35 [Mk56 GFCS] - Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 25.9 km
- AN/SQS-26AX - (Brooke) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 64.8 km
- LN-66LP - (AN/SPS-59, 10kW) Radar, Radar, Surface Search, Short-Range, Max range: 59.3 km
- AN/SPS-52B - (AN/SPS-59, 10kW) Radar, Radar, Air Search, 3D Long-Range, Max range: 444.5 km
- AN/SPS-10B - (AN/SPS-59, 10kW) Radar, Radar, Surface Search & Navigation, Max range: 74.1 km
- AN/SPG-51C [Mk74 FCS, LLTV] - (Group) Visual, LLTV, Target Tracking and Identification, Max range: 74.1 km
- AN/SPG-51C [Mk74 FCS, Radar] - (Group) Radar, Radar, FCR, Surface-to-Air, Medium-Range, Max range: 185.2 km
- AN/WLR-1 - (Generic) ESM, ELINT, Max range: 926 km

Weapons / Loadouts:
- T Mk 6 Fanfare - Decoy (Towed). Surface Max: 1.9 km.
- 127mm/38 HE-PD [HiCap] - (USN) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 km.
- 127mm/38 AA-VT [AntiAircraft Common] - (USN, Anti-Aircraft Frag) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 km.
- RIM-66A SM-1MR Blk IV - (1969, Main Production Variant) Guided Weapon. Air Max: 33.3 km. Surface Max: 33.3 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- RUR-5A Mod 3 ASROC RTD [10kT Nuclear DC] - (196x-89) Guided Weapon. Subsurface Max: 18.5 km.
- RUR-5A Mod 4 ASROC RTT [Mk46 Mod 2] - Guided Weapon. Subsurface Max: 18.5 km.
- Mk46 LWT Mod 2 - (1972) Torpedo. Subsurface Max: 5.6 km.
- 7.62mm MG Burst [20 rnds] - (Ship & Facility) Gun. Surface Max: 0.4 km. Land Max: 0.4 km.
- Mk171 RBOC Chaffstar Chaff - (112mm, Seduction) Decoy (Expendable). Surface Max: 1.9 km.

- RBOC HIRAM Flare - (112mm) Decoy (Expendable). Surface Max: 1.9 km.