

MISSILE INTERCEPTOR -- The U.S. Army's optically-guided Homing Overlay *C18511F1*
Experiment (HOE) vehicle is designed to provide a non-nuclear capability for
destroying an attacker's strategic nuclear missile outside the Earth's
atmosphere. The interceptor's longwave infrared sensor and guidance computer
lock on to the target against the cold background of space. Seconds before
impact, a metal "net" unfurls like the frame of a umbrella and the shattering
collision of two speeding bodies demolishes the target. HOE had its first
succesful test over the Pacific Ocean in 1983. (85-3803-C

S INFORMATION AGENCY

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*Space*