

AGM-65E LASER MAVERICK

CHARACTERISTICS

The major characteristics of the MAVERICK are presented in figure 2. The MAVERICK is 98 inches in length and 633 pounds in weight. It is 12 inches in diameter and has a 28.5-inch wing span.

MAJOR COMPONENTS

The MAVERICK consists of a Guidance and Control Section (GCS) and a Center-Aft Section (CAS), as shown in figure 3. These sections and their major components are listed in table 1. The GCS is a hermetically sealed unit consisting of the Laser Seeker Assembly, Interface Electronics Assembly, electrical conversion electronics, and a rate sensor assembly. The GCS includes the missile outer skin forming the nose section of the missile, a transparent optical window, and the missile forward bulkhead on which the seeker assembly is mounted. The CAS consists of the main structure and wings assembly and the Hydraulic Actuation System (HAS). The main structure and wings assembly of the missile contains the warhead, the Safety, Arming, and Fuzing (SAF) unit, battery, and rocket motor. The SAF unit includes the fuze and booster assembly and the fuze delay section unit. The HAS is attached to the main structure and wings assembly. Figure 4 shows the locations of MAVERICK access openings and fittings, and table 2 gives the purpose of each.