

receiver on the SWS is the Remington Model 700 long-action. The short-action receiver can handle the 7.62 NATO cartridge, but the U.S. Government insisted on the long-action in anticipation of an eventual rechambering to a more powerful .300 Win Mag cartridge (or to an even more potent .338 Lapua). For added strength the receiver is fitted with a steel trigger guard and steel magazine floor plate made by Dakota Arms. The trigger mechanism is from the Remington M40X, externally adjustable for pull. The internal magazine holds five rounds with the bolt closed. The state-of-the-art ambidextrous, high-comb stock was a joint design effort by Remington designers and H-S Precision of Prescott, Arizona. Known by H-S as their Pro-Series Sniper, this stock has a palm swell on both sides of the fore-stock and is fabricated from a Kevlar-graphite-fiberglass composite using epoxy-based resins to enhance strength, durability under combat conditions, and warp-free characteristics during adverse environmental conditions (Arctic chill to desert dryness). The stock utilizes an aluminum (7075-T6) bedding block which is molded in with a polyurethane foam reinforced with fiberglass. The stock is then finished with an epoxy-based, high-temperature black coating, which is non-reflective and non-slip. An adjustable, high-strength aluminum alloy butt plate assembly is fitted to the composite stock. The length of pull can be adjusted from 12 to 14 inches to fit the individual snipers physique.

The precision ten-power telescope is the Leupold-Stevens Ultra M-3A with Mil dot system for range estimation. It is nitrogen filled and was designed for quick ranging on target, as anticipated for sniper ops. The scope has a three-quarter-minute Mil Dot reticle pattern, to assist in target acquisition and ranging. It features an elevation dial with one-minute click resolution that permits adjustments in elevation from 100 to 1,000 yards within a single revolution of the dial.

It has a windage adjustment of one-half-minute click resolution. A turret-mounted focus adjustment eliminates the need for a separate parallax adjustment. All lens surfaces, including a large 42mm-diameter objective lens, are multi coated for optimum brightness in the poor light environment anticipated in some sniper situations. The 30mm-diameter scope tube is machined by Leupold from a single piece of thick-wall aluminum tubing to 0.10 inches, and then coated with a black anodized matte finish. This precision scope was made to be removed and reinstalled with less than one-half MOA change in

zero.

The Remington-produced Sniper Weapon System (SWS) is available only to NATO countries and official police and government agencies. Since 1987, these systems have gone to the following entities:

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