

EXHIBIT # 3

M5 3-INCH ANTI-TANK GUN

USA

In late 1942, the US made an attempt to produce an indigenous anti-tank gun to replace the 57-mm M1. The result was a combination of existing components of other guns. The barrel came from the 3-inch anti-aircraft tube T9, part of the 3 inch anti-aircraft gun M3, and the breech mechanism from the M2A1 105-mm Howitzer. The carriage and recoil mechanism also came from the 105-mm Howitzer and became the 3 inch gun carriage M1, later modified into the M5. The result was a large and rather cumbersome weapon – but like other wartime improvisations, it was all that was available. It was used in all theaters of World War II and was a popular weapon. Fitted, in a modified form as the M7 to the M10 motor gun carriage, it was an effective tank destroyer. Another great thing about the M5 was the fact that it could destroy the ever-feared Tiger tank. The shield on the gun protected the crew from small-arms fire only. The crew was otherwise totally exposed to the dangers of the battlefield with far less mobility than an armored vehicle. A total of 2,500 M5s were produced plus 6,824 tubes that were mounted on the M10 Wolverine tank destroyer.

DATA

Length: 13 ft. 2 in.

Traverse: 46 degrees

Weight: 5,850 lbs.

Muzzle Velocity: 2,600 ft. per sec.

Armor Penetration: 3.85 in. at 1,000 yds.

