

**EXHIBIT # 8**

**M-42A1 MOTOR GUN CARRIAGE**

**USA**

Developed in 1951 as a reincarnation of the World War II M-19 twin 40 mm gun carriage. It went into production in 1953, based on the M-41 light tank chassis. A total of 3,700 were built. It was used in Vietnam as a sort of oversized scatter gun. It proved to be quick, agile and extremely durable. Because of its twin 40 mm cannons, the M-42A1 proved its worth against NVA troops in Vietnam. However, since it afforded only minimal protection for its crew and having a sighting system requiring visual aim (which reduced its range and operational effectiveness severely), it didn't meet the modern requirements very well. It has been replaced in the US Army by the Vulcan and Chaparral, but many have been exported to Austria, Italy, and at the time West Germany.

**DATA**

**Length: 19 ft.      Width: 10 ft. 3 in.      Height: 9 ft. 4 in.**

**Weight: 48,000 lbs.**

**Crew: 4**

**Power: Continental A OSt 895-5.6 cyl, air cooled gasoline engine with 500 hp**

**Armament: two 40 mm Bofors cannons, one 30-cal MG machine gun or one 3.5 in rocket launcher**

**Armor: ½ inch to 1 inch**

**Speed: 40 mph      Range: 100 miles - "Rolling Thunder!"**

