



Fort Worth's own AVX Aircraft Company, made up of former Bell Helicopter engineers and managers, submitted a response focused on radically modifying an OH-58D. The AVX design would replace the OH-58D's main and tail rotors with two three-blade counter-rotating co-axial main rotors, a new transmission and a pair of ducted fans in the tail section. The existing engine would be retained, but the new hybrid system would reportedly reduce power requirements by 15-20 percent compared to a conventional single-rotor design. AVX estimated that the new OH-58 would have a cruise speed of 120 knots, a range of 240 nautical miles and an endurance of 3.1 hours. It would also be capable of hovering out of ground effect at an altitude of 6,000 feet and a temperature of 95 degrees Fahrenheit, while operating at a gross weight of 5,500 pounds with full weapon and fuel loads.