

# Aerial Observations: Quartz' Fixed-Wing Platform

By Miles Hoover, Sales Manager, Quartz Mountain Aerospace

Quartz Mountain Aerospace's (QMA) 11E is the ideal aircraft for the aerial observation market. The 11E's unsurpassed visibility, roomier cabin and exceptional stability make your mission less stressful. In addition to the tremendous downward, forward and even rear visibility, the 11E has overhead windows that add additional safety with increased visibility in turns and of overhead traffic. With this field of vision, tracking a moving target becomes an easier task.

The 11E has a cabin width of 45.5 inches and a cabin height of 51.3 inches, making it roomier and less constricting than other aircraft in its class. This translates to a more relaxed work place with reduced stress associated from working in tight confinements.

When operating in an observation mode, stall speed is critical to safe operations. When the 11E enters a stall, its wing tips lag the wing roots, allowing for aileron and rudder control deep into a stall, usually just offering a wings-level descent. The FAA rates the 11E as "spin resistant," making low and slow a safer proposition.

Produced in our 110,000-square-foot southwest Oklahoma facility, the 11E is the only model produced by QMA. The company, headed by CEO Mark A. Arciero, is dedicated to making the 11E the best value in its class. Dedication to one model keeps QMA focused on customer support and offers quick response to any needs that might arise.

The 11E has a 16,000-foot service ceiling, which gives you better performance in a high-density altitude situation or allows you to operate at higher, less detectable altitudes. With its 185 hp Continental IO-360 engine, the aircraft offers an 876 fpm climb rate at sea level, getting you to altitude quickly. The 11E's large rudder allows for a 20-knot crosswind component, making landings on windy days far less difficult.

The 11E was designed with service in mind. Easy access to engine and electrical components reduces maintenance downtime, keeping the 11E in the air and earning its keep. Wrap all these factors around our \$199,950 price, and even your budget office will love you.