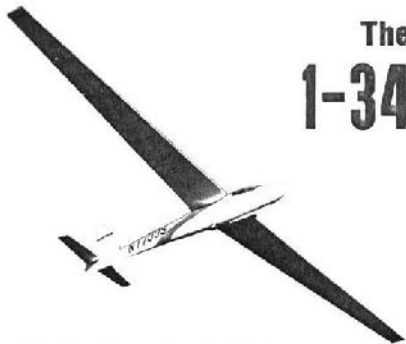




## The 1-34



### Sleek — Rugged and Modern

Production of the 1-34 followed a very extensive design, development and testing program which has resulted in a truly outstanding sailplane.

Pilots flying the 1-34 in different areas throughout the country are delighted by its excellent flight and handling characteristics and its performance capability.

Pride of ownership comes from the pleasure of flying a 1-34 and confidence in the integrity of its design and construction.

The 1-34 was designed and built to the original FAI Standard Class philosophy of a high performance sailplane that is relatively inexpensive, easy to fly, with terminal velocity dive brakes and rugged construction so it will also be practical for club use.

It is of all metal construction with the aluminum parts being given special protective coatings to military specifications; a feature most manufacturers charge extra for. 1-34's are built along with military and other FAA aircraft and components to the same exacting standards. The close association with Grumman, Bell, Lockheed, Piper, Fairchild-Hiller and other aircraft concerns has kept us up-to-date on the latest aircraft engineering and manufacturing developments.

The 1-34 has FAA Approved Type Certificate #G3EA having met the full FAA engineering, static tests, flutter and flight requirements. In many cases, these requirements are much more demanding than for foreign aircraft. The 1-34 is in the Class I, High Performance Category which is the most exacting of all sailplane certifications. As is Schweizer's practice, many areas are designed in excess of FAA requirements.

The 1-34's modern Wortmann Airfoil gives excellent climbing ability and yet has a low drag for good penetration. The capability of being able to climb and to stay aloft under light conditions is considered more important than a few extra points on the L/D curve.

The structural integrity and flight characteristics of the 1-34 instill pilot confidence for greater individual performance.