Valkyrie

DESIGNED AND DRAWN BY BILL WOLF

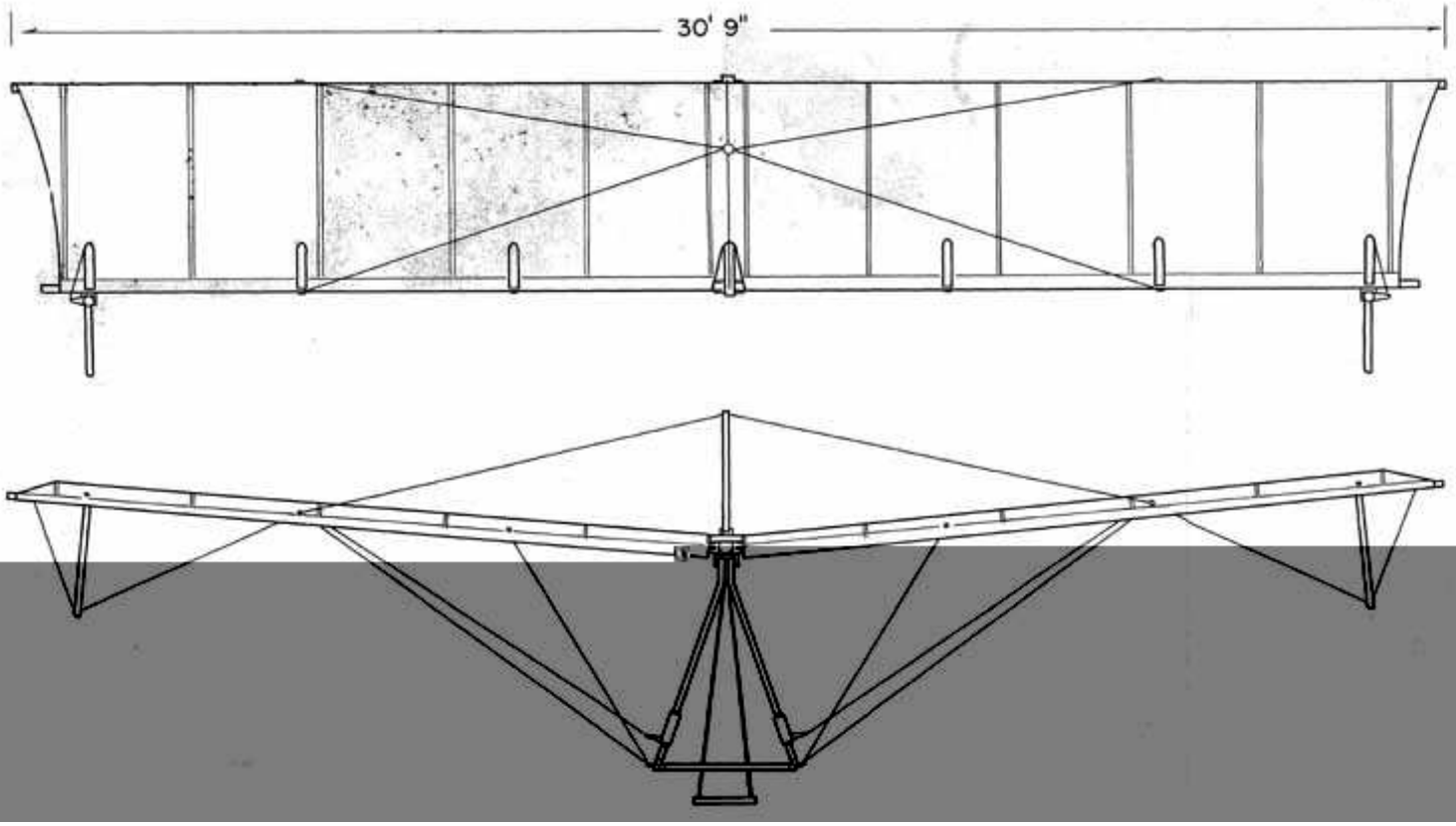
THE VALKYRIE IS A SINGLE SURFACE, CABLE-STRESSED MONOPLANE OF CONSTANT CHORD AND STRAIGHT PLANFORM EMPLOYING WING-TIP DRAG RUDDERS FOR DIRECTIONAL AND LATERAL CONTROL WITH PITCH CONTROL ACHIEVED THROUGH WEIGHT DISPLACEMENT.

DESIGN FEATURES

- CAN BE CONSTRUCTED IN 60 HOURS WITH SIMPLE HAND TOOLS.
- ALL HARDWARE AND TUBING AIRCRAFT QUALITY.

PERFORMANCE FEATURES

- CAN BE ASSEMBLED-15 MINUTES WITHOUT TOOLS BY ONE PERSON.
- CAN BE CARRIED AND LAUNCHED BY FLYER ALONE UNDER NORMAL FLIGHT CONDITIONS.
- FLIGHT TESTED GLIDE RATIO OF 8:1.

SPECIFICATIONS

AIRFOIL	SINGLE-SURFACE, REFLEXED
WING AREA	138 sq. ft.
WING CHORD	54"
ASPECT RATIO	6.8
RUDDER AREA	3.25 sq. ft.
WEIGHT	48 lbs
EFFECTIVE GLIDE PATH	8:1