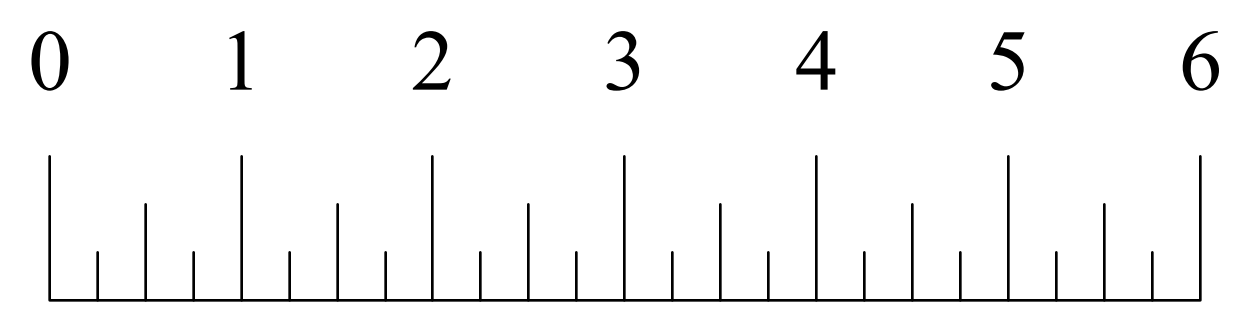


The Skyote

by Tony65x55

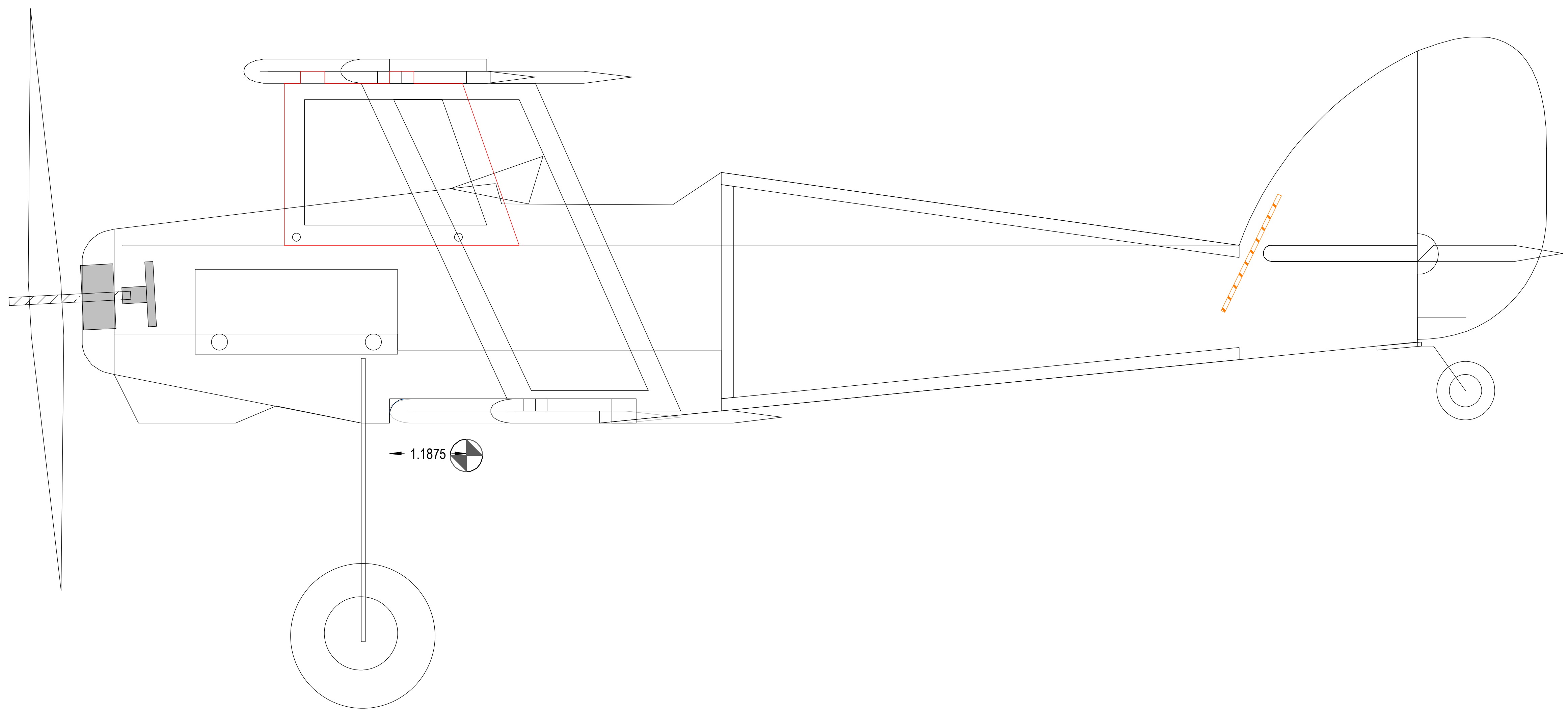
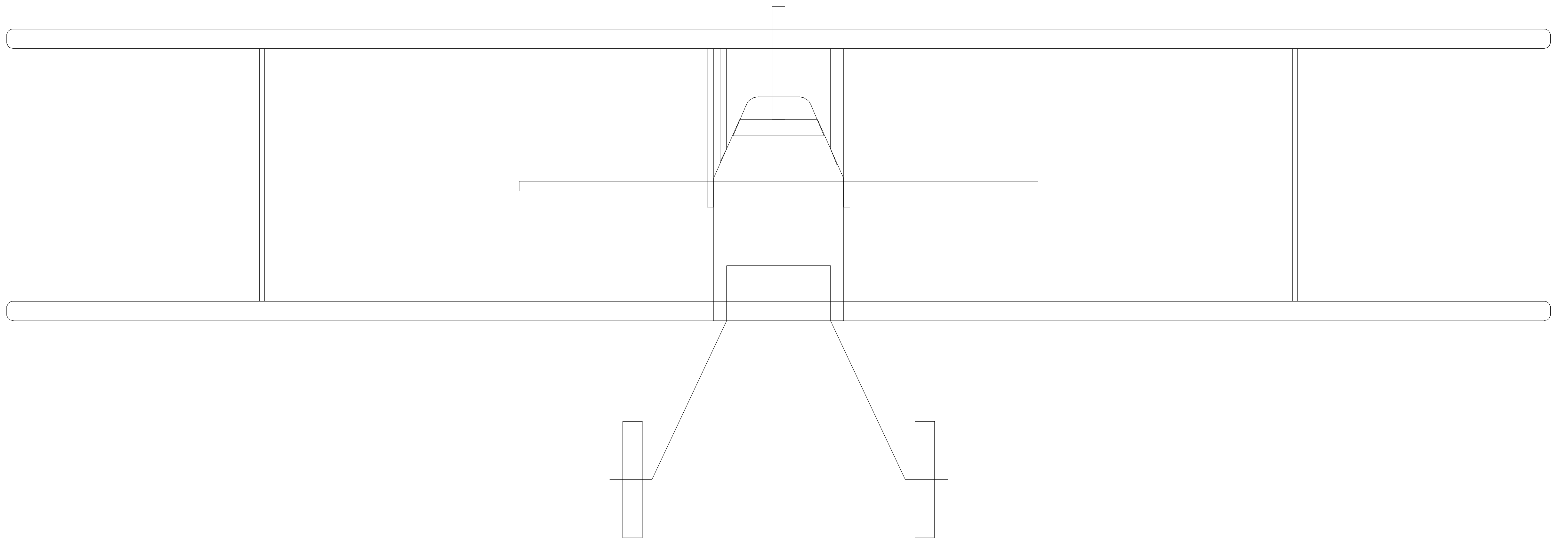
This aircraft is a Park-Scale interpretation of the Skyote homebuilt.. It uses simple monobloc construction techniques and a KFn2 airfoil.

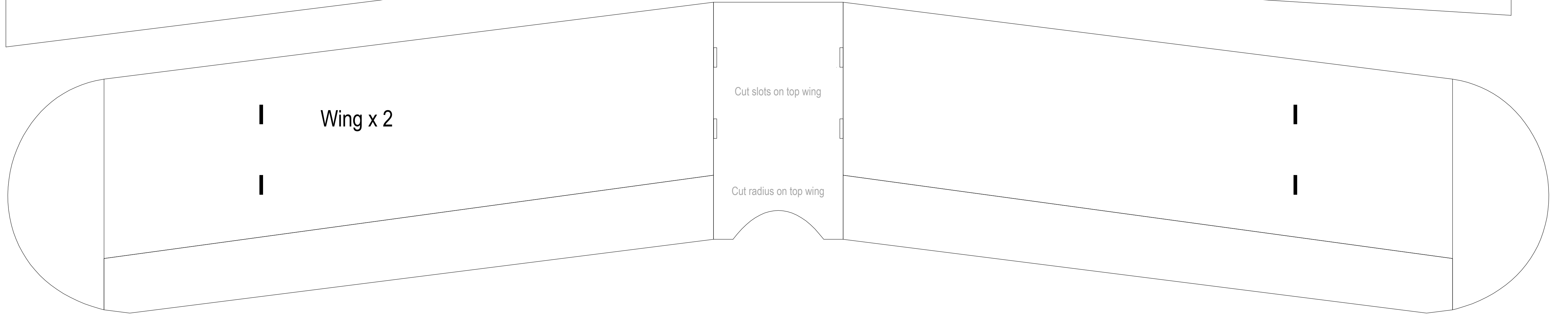
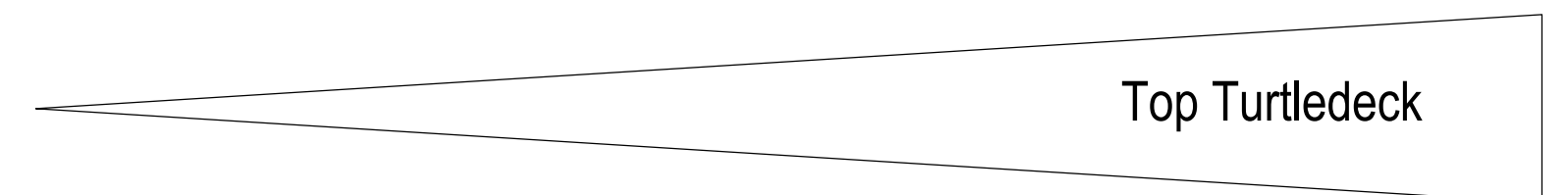
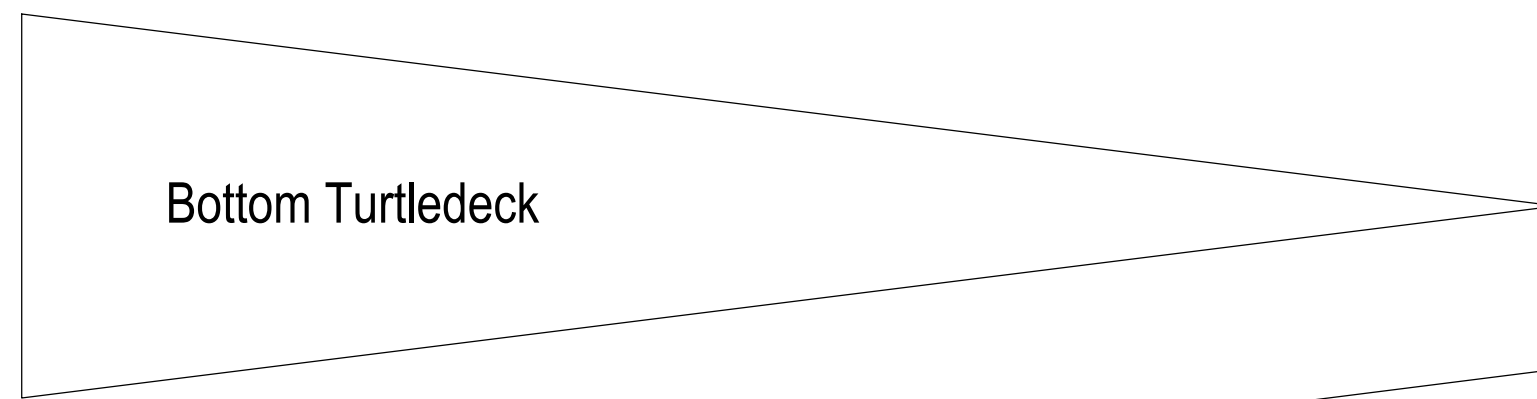
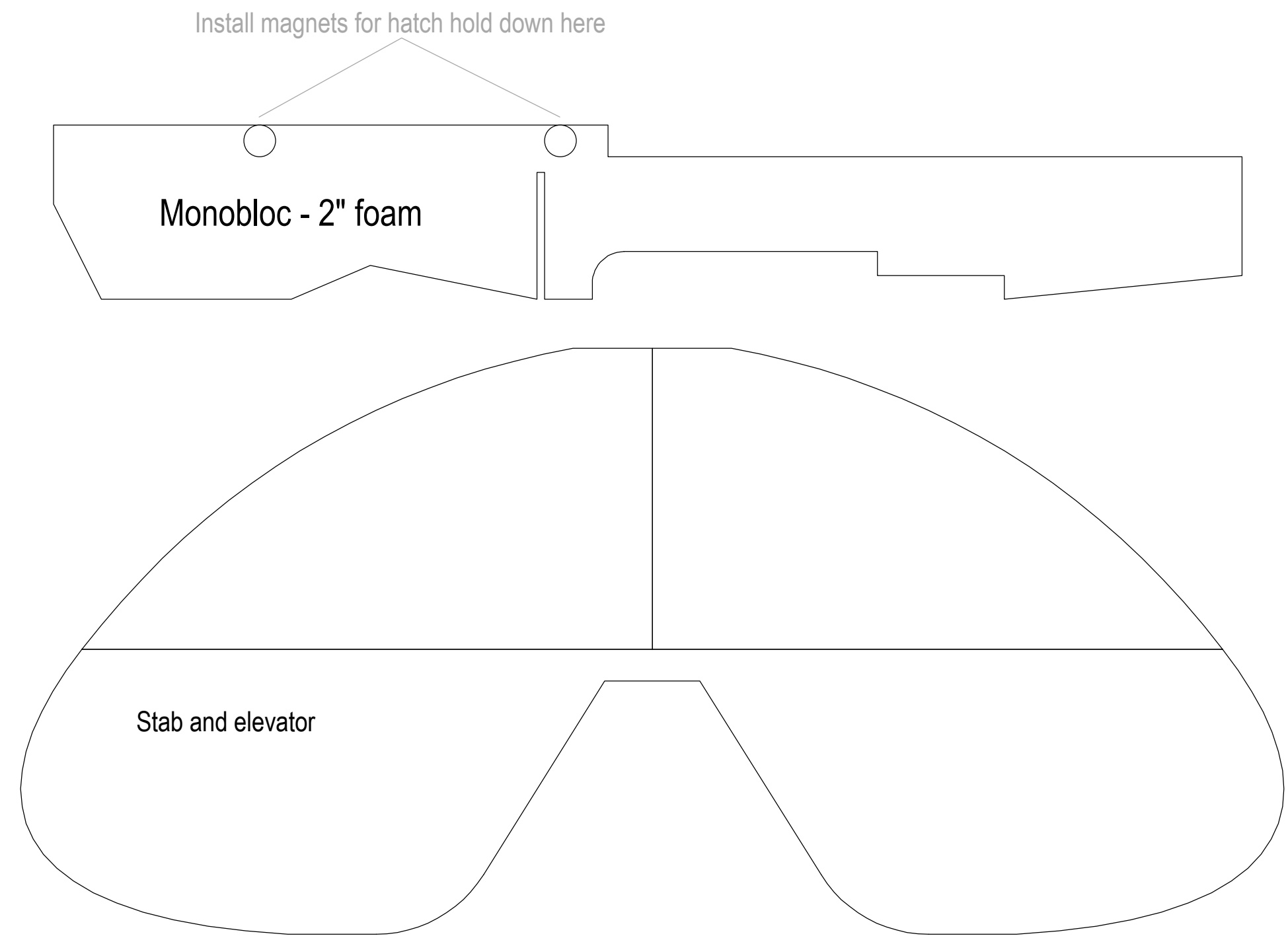
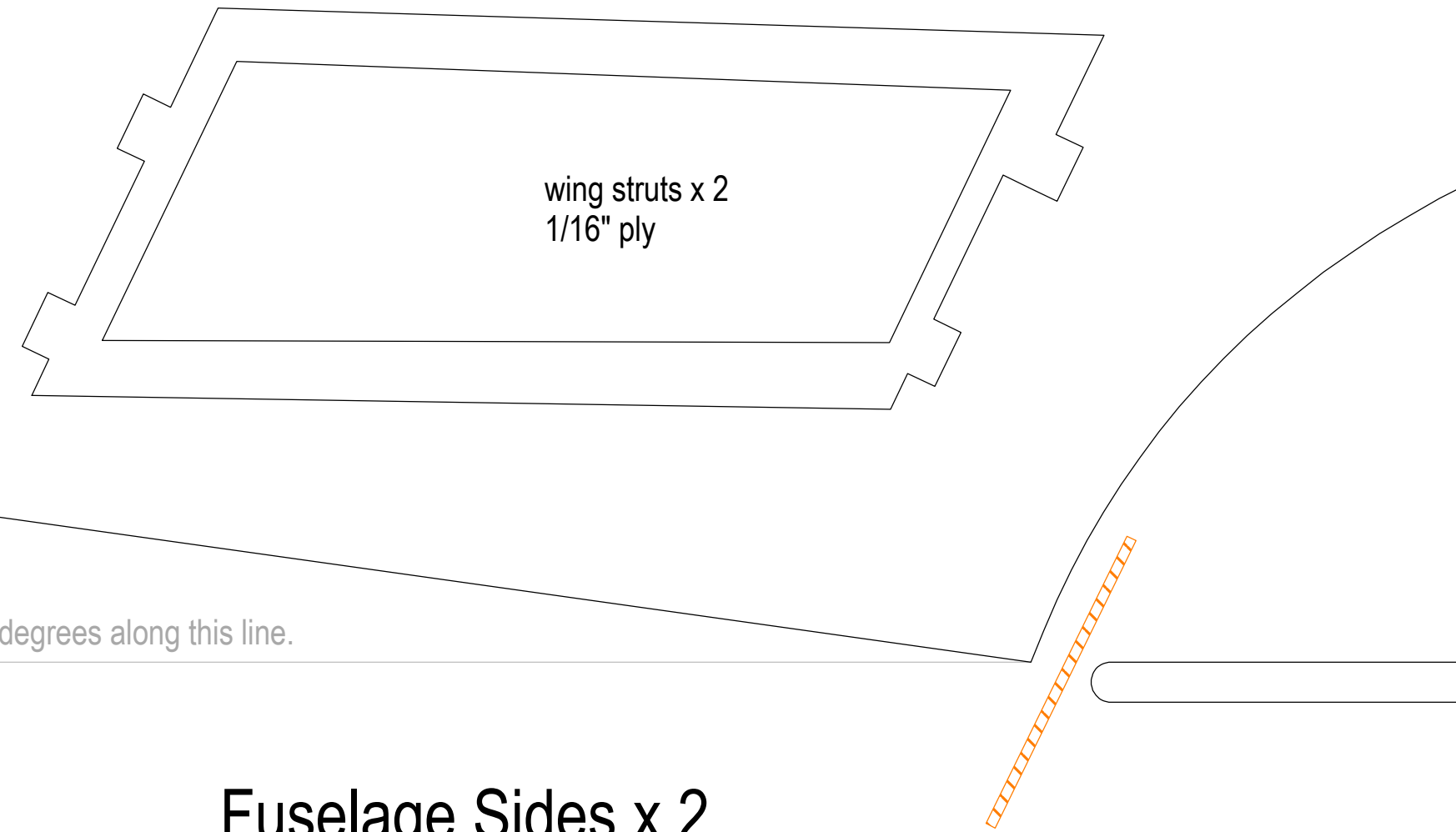
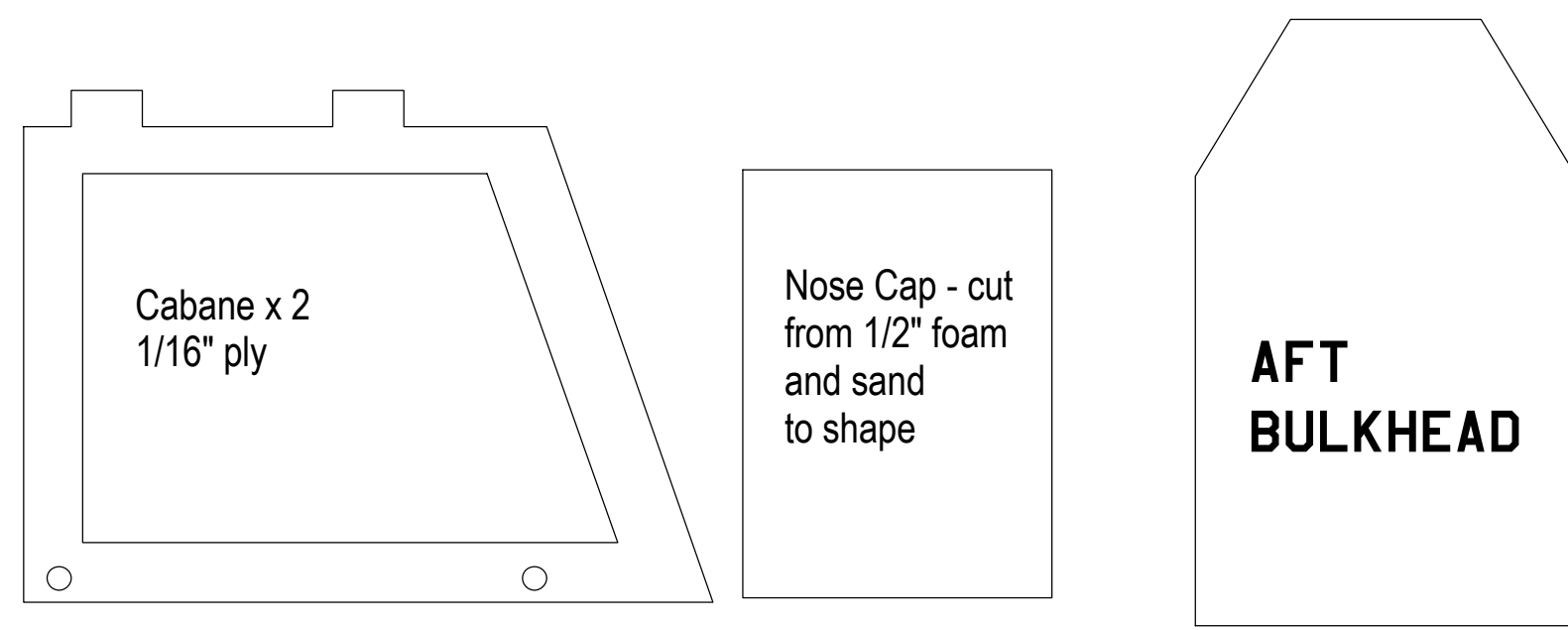
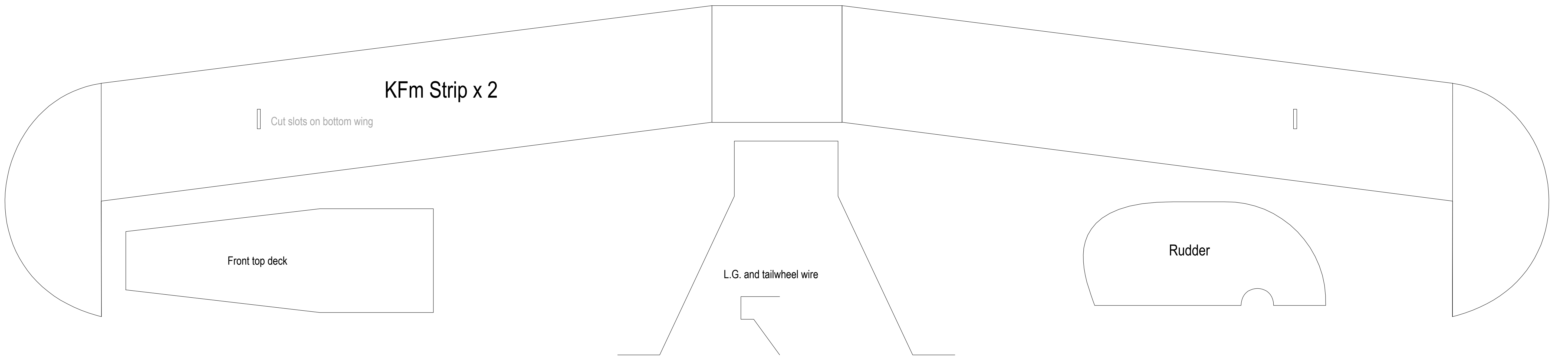
These plans are intended for personal use and commercial sale is not permitted.



Scale in inches

Span: 29.75"
 Area: 261.6 sq in.
 Aspect Ratio: 6.77





**SKYOTE
SPECIFICATIONS**

EMPTY WEIGHT	595 LBS.
GROSS WEIGHT	895 LBS.
ENGINE CONTINENTAL	C-90 90 HP.
POWER LOADING	9.9 LBS./HP.
WING LOADING	7.28 LBS./HP.
FUEL	13 GAL. (U.S.)
STRESSED PER FAA PART 23	AEROBATIC
RUDDER AREA	3.28 SQ. FT.
FIN AREA	6.95 SQ. FT.
STABILIZER AREA	6.95 SQ. FT.
ELEVATOR AREA	6.70 SQ. FT.
STAGGER	19.0 INCH
GAP	40.0 INCH
AILERON AREA	3.55 SQ. FT. EACH
NEVER EXCEED VELOCITY	137 KNOTS
MANEUVERING SPEED	93 KNOTS
STRUCTURAL CRUISE SPEED	97 KNOTS
STALLING SPEED	38 KNOTS
RATE OF CLIMB	1,500 FT./MIN.
SERVICE CEILING	16,500 FT.

