RC PLANE DESIGN REPORT

WING DESIGN

Span (mm) Aspect Ratio (AR) Wing Area (mm²) Wing Area (m²) Mean Aero Chord (MAC) (mm) Root Chord (Cr) (mm) Tip Chord (Ct) (mm)	1600.000 5.000 512000.000 0.5120 320.000 320.000 320.000
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EMPENNAGE	
Horizontal Stabilizer (HS) HS Area (mm²) HS Span (mm) HS Root (mm) HS Tip (mm) Elevator Area (mm²)	102400.000 715.542 178.885 107.331 51200.000
Vertical Stabilizer (VS) VS Area (mm²) VS Span (mm) VS Root (mm) VS Tip (mm) Rudder Area (mm²)	51200.000 320.000 200.000 120.000 25600.000
FUSELAGE	
Fuselage Length (mm) Fuselage Height (mm)	1200.000 180.000
CG & STATIC MARGIN	
Neutral Point (%MAC) CG (%MAC) Static Margin (%MAC) NP position (mm from MAC LE) CG position (mm from MAC LE)	25.000% 20.000% 5.000% 80.000 64.000