



University of Cincinnati			
"ThunderCats" Team # 020			
В	Scale 1:20	Units in Inches	

Overall Length	172.00 in
WingSpan	96.00 in
Empty Weight	8.00 lbs
Design Weight	33.00 lbs
Wing	
Aspect Ratio	5.42
Taper Ratio	0.5
Planform Area	1700.00 in^2
Horizontal Tail	
Planform Area	408.00 in ²
Aspect Ratio	5.64
Taper Ratio	1
Vertical Tail	
Aspect Ratio	1.25
Planform Area	105.00 in ²
Taper Ratio	0.8
Propeller	18x8E
Engine	Hyperion-ZS4020-I2