

Delta Bird:



Single place, Aluminum Tube fuselage, Aluminum tube wings and tail surfaces
fabric covered

Empty Weight	230 Lbs
Design Gross Weight	433 Lbs
Pilot and Fuel	203 Lbs
Max Fuel	18 Lbs
Max Overload Take off weight	468 Lbs
Max Pilot Weight	220 Lbs

Engine:
30 to 40 hp

Wing:	
Span Upper	24'0"
Span Lower	20'2"
Cord	42"
Total Wing Area	152 SqFt
Aspect Ratio	6.9
Airfoil	RH Special 14% Thickness
Wing Gap	95% Chord
Wing Loading	2.76 lb/sq ft

Horizontal Tail:	
Span	8'0"
Area	20 SqFt

Vertical Tail:	
Span	3'8"

Area 9 SqFt

Overall Length 15'0"

Overall Height 6'0

Landing Gear Tread 6'4"

Load Factors at Design Gross Weight +- 4.0 G Limit Load
+- 6.0 G Ultimate Load

Load Factors at Overload Gross Weight +- 3.7 G Limit Load

The Delta Bird is not rated for Aerobatics

Delta Hawk:



Single Place, aluminum tube fuselage fabric covered, wings and tail surfaces aluminum tube and fabric covered.

Empty Weight 248 Lbs

Design Gross Weight 445 Lbs

Pilot and Fuel 203 Lbs

Max Fuel 18 Lbs

Max Overload Take off weight 480 Lbs

Max Pilot Weight 220 Lbs

Engine:

40 to 50 hp

Wing:

Span Upper 24'0"

Span Lower	20'2"
Cord	42"
Total Wing Area	152 SqFt
Aspect Ratio	6.9
Airfoil	RH Special 14% Thickness
Wing Gap	95% Chord
Wing Loading	2.76 lb/sq ft

Horizontal Tail:	
Span	8'0"
Area	20 SqFt

Vertical Tail:	
Span	3'8"
Area	9 SqFt

Overall Length	15'1"
Overall Height	6'0

Landing Gear Tread	6'4"
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Load Factors at Design Gross Weight +- 4.0 G Limit Load
+- 6.0 G Ultimate Load

Load Factors at Overload Gross Weight +- 3.7 G Limit Load

The Delta Hawk is not rated for Aerobatics

Super Delta Hawk:



Single Place, aluminum tube fuselage with aluminum skin, wings and tail surfaces aluminum tube and fabric covered.

Empty Weight	252 Lbs
Design Gross Weight	449 Lbs
Pilot and Fuel	203 Lbs

Max Fuel	18 Lbs
Max Overload Take off weight	500 Lbs
Max Pilot Weight	220 Lbs

Engine:
20 to 30 hp

Wing:	
Span Upper	24'0"
Span Lower	20'2"
Cord	42"
Total Wing Area	152 SqFt
Aspect Ratio	6.9
Airfoil	RH Special 14% Thickness
Wing Gap	95% Chord
Wing Loading	2.76 lb/sq ft

Horizontal Tail:	
Span	8'0"
Area	20 SqFt

Vertical Tail:	
Span	3'8"
Area	9 SqFt

Overall Length	15'1"
Overall Height	6'0

Landing Gear Tread	6'4"
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Load Factors at Design Gross Weight +- 4.0 G Limit Load
+- 6.0 G Ultimate Load

Load Factors at Overload Gross Weight +- 3.7 G Limit Load

The Super Delta Hawk is not rated for Aerobatics