



# Foil Specifications

FOIL	Hyperlite Booster "GOOD"	Hyperlite Commander "BETTER"	Hyperlite Majic Karpet "BEST"	HO eFoil
WINGSPAN, WING	72.6 cm (28.57")	72.6 cm (28.57")	83 cm (32.7")	70 cm (27.56")
CHORD, AVERAGE, WING	18.3 cm (7.2")	18.3 cm (7.2")	14.4 cm (5.7")	23.4 cm (9.2")
AREA, WING	1328.6 sq cm (205.9 sq in)	1328.6 sq cm (205.9 sq in)	1196.2 sq cm (185.4 sq in)	1637.2 sq cm (253.8 sq in)
ASPECT RATIO, WING	4:1	4:1	5.8:1	3:1
ANGLE OF INCIDENCE, WING	0.6 degrees	0.6 degrees	1.3 degrees	1.2 degrees
MATERIAL, WING	fiberglass/foam core	carbon fiber/PU foam	carbon fiber/PU foam	N/A
FASTENERS, WING	M8	M8	M8	M8
WINGSPAN, TAILPLANE	34.1 cm (13.43")	34.1 cm (13.43")	33 cm (13")	48.6 cm (19.14")
CHORD, AVERAGE, TAILPLANE	9.1 cm (3.58")	9.1 cm (3.58")	6.3 cm (2.5")	8.5 cm (3.34")
AREA, TAILPLANE	227.2 sq cm (35.2 sq in)	227.2 sq cm (35.2 sq in)	209.3 sq cm (32.5 sq in)	412.5 sq cm (63.9 sq in)
ASPECT RATIO, TAILPLANE	5.1:1	5.1:1	5.2:1	5.7:1
ANGLE OF INCIDENCE, TAILPLANE	-2.5 degrees	-2.5 degrees	-1.5 degrees	N/A
MATERIAL, TAILPLANE	injection molded plastic	carbon fiber/PU foam	carbon fiber/PU foam	N/A
FASTENERS, TAILPLANE	M8	M8	M8	N/A
WING MID-CHORD - TAILPLANE MID-CHORD	60.3 cm (23.75")	60.3 cm (23.75")	54.4 cm (21.4")	61 cm (24.03")
MATERIAL, FUSELAGE	machined aluminum 6061T	machined aluminum 6061T	carbon fiber	machined aluminum 6061T
HEIGHT, MAST	72.5 cm (28.52")	72.5 cm (28.52")	74.7 cm (29.4")	70 cm (27.56")
CHORD, MAST	13.3 cm (5.24")	11.5 cm (4.53")	12.3 cm (4.9")	13.3 cm (5.24")
MATERIAL, MAST	aluminum extrusion 6061T	aluminum extrusion 6061T	carbon fiber	aluminum extrusion 6061T
FASTENERS, MAST-FUSELAGE	M8	M8	M8	M8
FASTENERS, MAST-BOARD	M8	M8	M8	N/A