

Dragonfly / Discus Specifications.

Dragonfly Trike:

Engine Options:

Bailey 175 cc 4 stroke, 18 hp.

Fly 200 2 stroke, 26 hp.

Cruise Consumption

2-3 liters / hour

4-6 liters / hour

Cooling

Free air

Free air

Fairings

as standard

optional

Retracts

Electric or manual

Electric or manual

Fuel Tank:

9 liters

Detachable

Fairing colours available:

Red

Blue

Yellow

Custom as an optional extra

Electrical system:

12 volt

Folded dimensions

Length: 145 cm

Width: 48 cm

Height: 95 cm

Weight: 3 bags: (35 kg) (5 kg) (5 kg)

Wing Specification:

Discus 15T

Sail area, m2 (ft2)

14.7 (158)

Wing span, m (ft.)

10 (32.8)

Nose angle, °

128

Payload

140 kg

Tested

+6G -3G

Weight

38 kg

Discus 14T

13.7 (147.5)

10.3 (33.8)

128

150 kg

Pending

36 kg

Folded length:

Full length m (ft)

5.2 (17)

Breakdown length m (ft)

4.2 (13.8)

Performance (75 kg pilot)

VS kph (mph)

37 (23)

VNE kph (mph)

65 (104)

Min Sink

220 fpm @ 40 (25)

Best Glide

11.5 to 1 @ 48 (30)

Economical Cruise

61 (38) 2.5 liters / hour

Discus 15T

39 (24)

65 (104)

230 fpm @ 41 (26)

11.5 to 1 @ 48 (30)

61 (38) 2.7 liters / hour

Rigging time:

Trike: 25 mins

Wing: 20 mins

Note: The Dragonfly is entirely single person rig.

Aircraft total weight:

Dragonfly / Discus 15T

Bailey / Fairings

88 Kg

Fly 200 / Fairings

83 Kg

Fly 200 no fairings

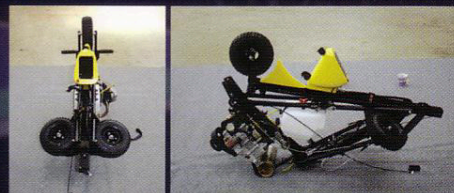
78 Kg

Dragonfly / Discus 14T

86 Kg

81 KG

76 Kg



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