

Schempp-Hirth Duo Discus

MG - Mike Golf

Duo Discus

Pilot Approval Requirements: The Duo Discus is a dual place, advanced glider and requires pilot check out, unless accompanied by an instructor. All pilots should see [Pilot Information Section](#).



The Duo Discus was conceived as an advanced trainer with good cross country ability. It has a four piece unflapped wing with a modified Discus planform. The fuselage is derived from that of the two-place Janus. Approach control is by top surface airbrakes.

Download the [Duo Discus Polar and Specifications sheet](#) (PDF xxKB)

Schempp-Hirth Duo Discus Specifications

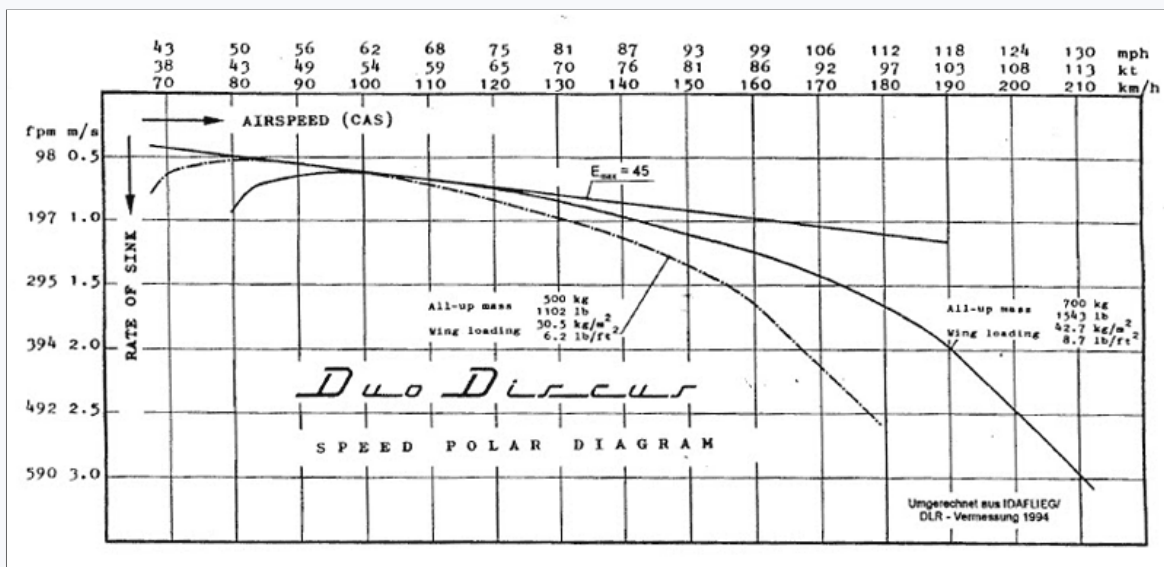
Performance:

L/D Max: 45 100 kph / 54kt / 62 mph --- MinSink: 0.58 m/s / 1.9 fps / 1.13 kt -- Aspect ratio: 24.4

Span		Area		Empty Weight		Payload		Gross Weight		Wing Load		Water Ballast	
m	ft	sq.m	sq.ft	kg	lb	kg	lb	kg	lb	kg/sq.m	lb/sq.ft	kg	lb
20	65.2	16.4	175.3	410	904	290	549	700	1453	42.7	8.74	200	441

Polar:

The **factory polar chart** shows the the sink of the glider at particular speeds flown - based on standard gross weights (wet and dry). You should memorize your the speeds to fly and be able to quote them from memory. Where else can you find speeds to fly?



Instrument Panels

This Duo Discus (MG) is very well equipped for serious Cross Country flying.



Weight and Balance

You must be aware of the weight and balance envelope of the glider you are flying. Know how to add weights as required to stay within the correct moment.