The EASI™ Rider Figures

The current version is always at https://easi.network/rider-figures

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What this page is

These are the numbers EASI's eLearning modules teach riders: how deep, how far, how windy, how light, and when to head in. EASI publishes them here so that every figure a module teaches has a published page behind it.

They are guidance for riders, not extra rules for operators. A recognised operator keeps to the EASI Standard (https://easi.network/standards), which asks it to know every hazard at its spot and to write down its own limits for wind, waves, visibility and daylight. On an operator's water, its written limits and its instructions are the ones that apply, and they can be stricter than anything on this page. Where local law sets a figure, the law applies.

EASI does not train, examine or assess any rider. A rider level is awarded by a recognised operator, and EASI records it (see Rider Levels, https://easi.network/rider-levels).

Depth

No riding under power in water shallower than 1.5 metres (4.9 feet).

No riding up on the foil in water shallower than 2 metres (6.6 feet).

Measure the shallowest point on the line you mean to ride, not the average.

Room around you

Up on the foil, stay at least 200 metres (220 yards) from any bathing area, its buoy line, or any group of swimmers.

Where nobody bathes, stay at least 300 metres (330 yards) from the shoreline while up on the foil.

Inside those lines, go out and come in with the board on the water, through a marked corridor where there is one, at no more than 5 knots (9 km/h, 6 mph).

In open water, keep at least 50 metres (55 yards) from any person, boat or obstacle.

Stay within 1 nautical mile (1.85 km, 1.15 miles) of shore.

On a river or a narrow lake, where these distances cannot be kept, the operator's own written limits for that water are the ones to ride by.

Weather and light

Ride in daylight only: not before sunrise and not after sunset.

Visibility of at least 1 nautical mile (1.85 km, 1.15 miles).

Wind and waves, by rider level:

R1 and R2: up to Beaufort 3, and waves up to 0.5 metres (1.6 feet).

R3: up to Beaufort 4, and waves up to 1 metre (3.3 feet), at the session leader's discretion.

R4: never beyond Beaufort 4 and waves of 1 metre (3.3 feet).

With no rider level, the operator's limits decide.

Battery

Check the charge before you launch.

Head in at 20%. Never ride below 15%. Plan every ride to finish with 15% to 20% left.

At 25%, be within 1 kilometre (0.6 miles) of where you launched, or come back slowly with the board on the water.

On longer rides, turn back at 50% to 60%.

Keep batteries out of direct sun, whether they are charging or not.

Where these numbers come from

They are drawn from the strictest limits set in law among the places that regulate eFoils, from the manufacturers' own instructions, and from operator practice. EASI checks them against the incidents it records, and changes them when the evidence says so.

Changing these figures, and challenging them

The date at the top says when this page last changed. When a figure changes, EASI updates the modules that teach it.

Anyone can challenge any figure here, at any time and at no cost, by writing to admin@easi.network. EASI answers in writing within 30 days.

Questions

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See also: the EASI Standard (https://easi.network/standards), Rider Levels (https://easi.network/rider-levels) and the EASI Terms of Use (https://easi.network/terms-of-use).