

Tahoe scooter benchmark report / reply

<http://www.direxplorers.com/specialist-dir-kit/6609-scooters-tahoe-benchmark-available-11.html?posted=1#post68611>

Tahoe benchmark, SUEX ADV14 performance data

Myself being a member of the biggest Suex scooter group in Switzerland (owning 22 ADVs from ADV14, ADV18-18, ADV28, ADV30 to ADV45) I can only confirm the following reproducible facts:

- the current ADV14 weighs a mere 20 kilos, complete with lanyards, clips etc. and ready to go; the ADV on the photo on page 1 of the report - according to the body shape and dimensions - does NOT look like today's ADV14, but much more like an ADV18-18
- all current ADV14 of our group (approx. a dozen) have one (1) single NiMH battery, weight approx. 5.8 kilos each.
- all current ADV14 of our group do have burn times of anything between 58 and 70 minutes, some of them being heavily used for more than a year; we regularly use burntesters.....
- depending on the configuration (single- or double tank, with/without stage tanks etc.) and the pilot's skill with regard to optimal position and trim, measured speed (over absolutely straight 1000m) is anything from 50-60m/min.
- You should also note that the standard version comes with a 3-blade prop, but most of us have mounted the 4-blade prop that is also available as an accessory. So, of course, top-speed is different.
- I will publish shortly some of our test results on www.swiss-cave-diving.ch, just check under NEWS from time to time
- as a graduate of the Swiss Federal Institute of Technology of Zurich in mechanical engineering I can professionally evaluate the design, material selection, engineering and craftsmanship of the SUEX ADVs in just one word: SUPERB.

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