

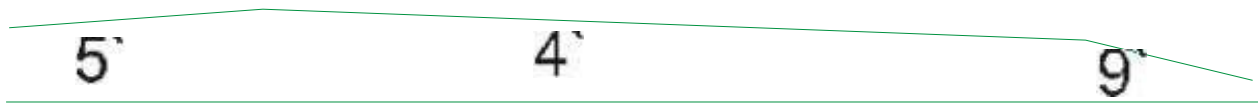
# ACTC

## Air Cushion Technology Center

### Tests Data & Description

- 1- Climbing Test; Directional Climbing, Climbing Angel and Climbing speed.**
- 2- Off-Cushion Stopping; stopping range/speed, Stopping range/surface, Hull lower Shape performance.**
- 3- Cushion-gaps response, Multi-compartment performance, Skirt material flexibility& contour, Cushion pressure Stability over porous surface and gaps.**
- 4- Engine performance in Sever weather, Saltwater Air filtration, Power/wieght ratio, fuel consumption, Craft/ Engine centre of gravity stability**
- 5- Manoeuverability over Ice, Tight terrain and Waves**
- 6- Floating over fresh and saltwater, Horizontal Stability against inner and outer factors.**
- 7-passngers/craft size ratio, load/wieght ratio, passengers area/ total craft size, total craft weight/size.**
- 8-Shallow water hovering, Deep water Speed**
- 9- Cushion Height over different surfaces, Craft performance over obstacles and Rocks.**
- 10-Craft's body Stress response and impact shielding.**

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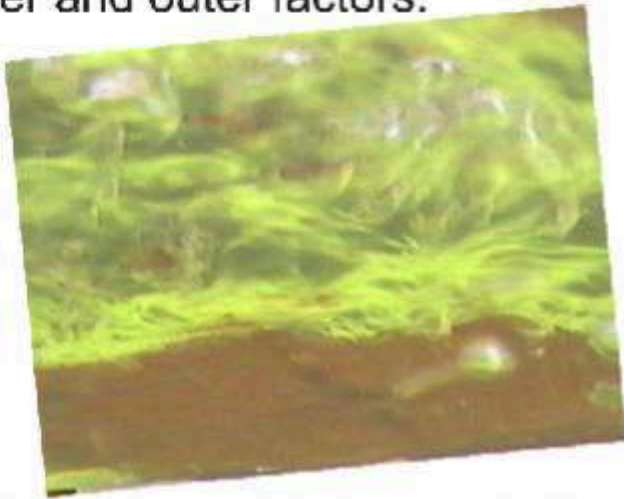
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