Aircraft Description

The NOVA sUAS is a 13 lb fixed-wing UAV with a 9 ft wingspan. Built with hybrid composite construction, the rugged and waterproof aircraft is hand-launched and amphibiously landable. The NOVA is driven by a brushless electric drive unit powered with rechargeable lithium-polymer batteries that yield a duration of 1.5hrs. The NOVA has a conventional tractor configuration with spoilerons for roll and glide slope control and a v-tail for pitch and yaw control.