

DRIVEN
REVIEW

MEGATECH

WICKED

Angel

by Mike Mayes



As I write this article, I am sitting at my computer on a small island of Long Island Sound 10 miles off the coast of New London, CT. The ocean is only about 50 feet away, the water is like glass, the sun is shining, and I can't wait to get back out and have some more fun with this great looking boat called "The Wicked Angel."

Megatech has produced an excellent out-of-the-box nitro-powered RC boat that offers high-speed performance and high-tech reliability with an exceptional value for the dollar. One of the first things that stood out was the graphics: This boat looks fast even when sitting in the water at an idle.

**FAST FACTS****MANUFACTURER:** Megatech International**BOAT:** Wicked Angel**STYLE:** Modified V-hull design nitro ocean racer**DRIVER:** Any boater from newbie to experienced**SPEED (AS TESTED):** 22 mph (plastic prop), 30-35 mph (Octura 637 metal prop)**STREET PRICE:** \$339.97

Is it WICKED or an ANGEL?



MEGATECH WICKED ANGEL

ITEMS USED



Megatech High Velocity Fuel—MTC 403, \$12.99

Additional items needed: Gas completer combo or fuel, glow plug, glow plug wrench, and 12 AA batteries



The Wicked Angel includes a 2-channel radio system (installed), full-color graphics and ABS boat stand. Just add batteries and you are ready to run.



Right: The steerable rudder, surface drive, and trim tabs performed well. The rudder linkage has a rubber exit boot to prevent water from getting into the boat.



Above: With the top deck removed, you can see how the hull accommodates the 2.7cc, M16 engine, driveshaft, and radio.

DRIVING IMPRESSIONS

This V-hull designed nitro ocean racer from Megatech is definitely at home on the water. My first test runs were conducted at

TECH SPECS

LENGTH: 30 in.
BEAM: 8.5 in.
WEIGHT: 48 oz. with fuel
HULL: ABS plastic
DRIVE: Surface
DECK: ABS plastic, pre-joined at the factory
STEERING: Push-pull
POWERPLANT: Megatech's 2.7 cc, M16, 1+ hp nitro water-cooled motor with tuned pipe exhaust system and custom tuned high-speed prop

RATINGS

DURABILITY: The Wicked Angel is a great looking machine that performs well under the toughest conditions. The ABS hull is a deep vee design that uses a surface drive to transfer power from the M-16 engine to the Octura 637 prop. This has proven to be a very reliable combination. The M-16 engine puts out an impressive 1 hp while the water-cooled head keeps things running cool. The hull and deck are factory joined; the cabin deck is a snap to put together, or take apart. What could be simpler? The adjustable trim tabs and skid fins really help in fine-tuning the high-speed performance and cornering.

EASE OF USE: This is where the Angel shines. To start, I installed eight AA batteries in the futuristic Star Wars looking pistol grip controller, and four AA batteries in the receiver battery pack. Next, I taped the radio box closed and lubricated the shaft oiler reservoir. There is actually a fitting to apply the lubrication—it couldn't be any easier! After filling the tank with Megatech's high velocity fuel, priming the engine and attaching the glow driver, the M-16 came to life on the second pull, which was pretty impressive!

a local quarry where I found myself running with several gas-powered weed eater style boats stirring up the water. This offered an opportunity to test the performance and handling of this awesome boat.

This boat is impressive in the water, as it accelerates quickly and gets up on plane in a matter of seconds. It uses a modified V-hull design that features multiple planning strakes placed strategically at various points on the hull's bottom, and their purpose is to break up the surface tension between the hull of the boat and the surface of the water. This design results in a much faster boat, since surface tension is the biggest drag-causing factor for any boat hull design.

The engine has an interesting mounting system; it uses an aluminum mounting system that incorporates rubber vibration damping and steel plates that sandwich the upper deck. The integral skid fins aid in the boat's cornering abilities. As expected, the boat turned better to the right than the left, which is due to torque. Initially, I set the mixture rich for break-in, and decided to use the plastic prop that was included on the boat. I noticed some prop cavitation during acceleration with the plastic prop, but once the prop grabbed, the Angel was off and running.

My radar gun registered about 15 mph even though the engine was rich and still breaking in. After changing the prop to the Octura 637 and leaning the mixture, I was pleasantly surprised with the increase in performance: the cavitation was gone and the boat was fast at about 30 to 35 mph. The weed eater boats were really stirring up the

water around us, but the Angel handled it well. In fact, the choppy water added to the level of fun and excitement. The increased speed made the boat fun to run, and the centrifugal clutch allowed the boat to sit in the water and idle effortlessly.

CONCLUSION

The Wicked Angel is the culmination of technology and fun. I have been running nitro boats longer than I care to admit and this boat is part of what I would consider a second or third generation of nitro boats. The older nitro boats were more like work than fun. They used a basic hull, starter belt

that was difficult at best, the engines were loud and annoying, and most importantly they were direct drive (you had to throw them in the water to get them going).

The Wicked Angel uses technology from the monster truck evolution such as pull-start, tuned pipe, triple shoe centrifugal clutch, easy-to-start water-cooled engine, and

high-tech hull. Megatech has delivered an out of the box RTR boat that includes the radio, is fast, fun, and doesn't leave you with empty pockets. ☺

Links

Octura Props, distributed by Aeromarine Laminates, www.aeromarinerc.com, (302) 628-3944.

Du-Bro Products, www.dubro.com, (800) 848-9411.

Megatech Intl., www.megatech.com, (201) 662-2800.

For more information, please see our source guide on pg. 217.

What we liked—

- ☺ Fun to run
- ☺ Factory adjustable trim tabs and skid fins
- ☺ Triple shoe centrifugal clutch
- ☺ Heavy-duty driveshaft with bronze phosphorous bushings
- ☺ Good power to weight ratio: 1hp/48 oz.

What could be improved—

- ☺ Replace plastic prop with metal Octura 637