

# MEGATECH X-EC DIVERSION



## SPECIFICATIONS

**Model:** X-EC Diversion  
**Manufacturer:** Megatech  
**Type:** ready-to-fly park/indoor model  
**Smallest flying area:** baseball infield  
**Ideal for:** anyone who wants a no-build, no-crash plane that can fit in a briefcase  
**Wingspan:** 14 in.  
**Length:** 13 in.  
**Ready-to-fly weight:** 1.5 oz.

**Wing loading:** 2 oz./sq. ft.  
**No. of channels:** 2 (differential motor control)  
**Drive system included:** twin direct-drive micro motors  
**Radio used:** single-stick (included); transmitter can also charge flight pack  
**Battery used:** 3-cell, 100mAh NiMH (included)  
**Flight duration:** 5 min.  
**Price:** \$119.99

**Features:** ready to fly, out of the box; molded-foam fuselage and wing with carbon-fiber tail boom; transmitter with built-in flight-pack charger; 3-cell, 100mAh NiMH pack; two extra propellers; a display/practice stand.

**Comments:** this cute model goes from box to ball field in less than 5 minutes. It's also a stable flyer that's nearly indestructible. Everyone who sees the X-EC Diversion wants to (and can!) fly it.

## QUICK SPECS \*

NAME: Megatech X-EC Diversion  
 SMALLEST FLIGHT AREA: baseball infield  
 IDEAL FOR: anyone  
 PRICE: \$119.99



## SCOREBOARD

- +** Ready to fly, out of the box. Incredibly stable flight characteristics. Long (4- to 5-minute) flight times. Easy fast-field charger built in to transmitter.
- No timer or voltage cutoff on battery charger.

**TIP** → For best launching performance, toss the Diversion directly into the wind. This will ensure that it gains altitude quickly and in a straight line.

## YOU NEED

- \* 6 AA alkaline cells

BY DEBRA SHARP

## Crash-proof fun for anyone!

The smallest ready-to-fly RC plane yet, the Megatech X-EC Diversion is packed with high-tech electronics and engineering innovation, yet it is quite simply the easiest model to get into the air that I have seen. The Diversion is ready to go, out of the box; you need only drop six alkaline batteries into the transmitter, fast-charge the included flight pack and install it in the model—from box to ball field in 5 minutes!

**Power and control system.** The Diversion uses small twin motors for power and steering. At full power, both motors run at the same speed; when you input a turn, one of the motors slows down. No moving control surfaces, no trimming; what could be easier? Even folks who have never before held a transmitter can fly the Diversion; during our photo shoot, even the photographers wanted to get

in on the action, and they had a blast flying the plane around the ball field without any help.

**Transmitter.** The single-stick/push-button charger has a built-in field charger and green, yellow and red lights on the front that indicate the status of the AA alkaline cells. A side switch allows you to use mode-I, in which the motors are controlled by

the pushbutton, or mode-II, in which you control the motors by pushing the transmitter stick forward. The stick also controls right and left turns.

**Charging.** The fast-charger that's built into the transmitter offers an "F" fast-charge jack that charges the NiMH battery in 2 to 3 minutes and an "FF" jack that charges the battery even faster. I recommend using the

F jack because run time decreases when you use the FF jack (and 2 or 3 minutes isn't a long time to wait, anyway). This field-charging feature is extremely convenient, but because it doesn't have a voltage cutoff or timer, you need to keep a close watch on the battery you're charging. This is very important because if the battery is connected to the charger too long, it becomes



## IN THE AIR

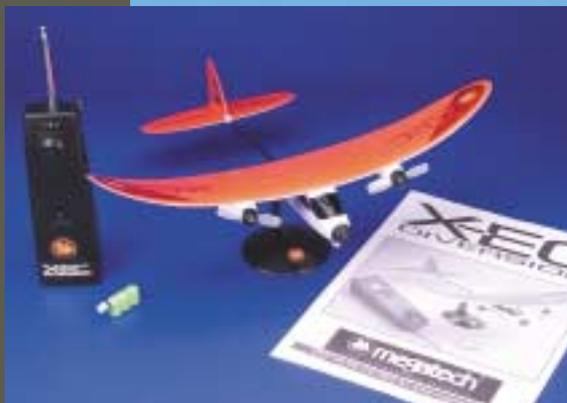
The X-EC Diversion can easily fly within a baseball diamond, and it flies best in little or no wind conditions. Although the model is extremely durable, I recommend that you fly off a grassy field instead of a paved area.

**CLIMB PERFORMANCE.** On a fully charged pack, the Diversion climbs nicely at full throttle. Be sure to allow the plane to gain some altitude before you initiate a turn because power decreases during turning. To recover from a dive, just hit the throttle full speed.

**FLIGHT STABILITY.** With its elliptical wing and spot-on, built-in center of gravity, the Diversion is one very stable model in flight. If you over-bank it or begin to lose control, release the controls; the plane will naturally right itself. It was designed for easy, gentle flying—not aerobatics—and it does this extremely well. Figure-8s, descending spirals and spot landings are simple to do and a lot of fun with the Diversion.

**PILOT RECOMMENDATIONS.** When the Diversion is at an altitude you're comfortable with, use short control inputs to steer it and keep it at altitude. You'll have better control and longer flight times. And always bring an extra pack of AA alkaline cells along; the Diversion is so much fun to fly that you can use up batteries quickly!

**PERFORMANCE HIGHLIGHT.** Although the Diversion is a nice flyer, I like best the way it lands: even if it hits the ground nose-first like a lawn dart, you need only pick it up, brush off any dirt and toss it back into the air. In dozens of flights, my Diversion never even got scratched. There's nothing better than a crash-proof plane!



The kit comes with all you see here plus a handy carrying case that neatly contains the X-EC Diversion for travel.

extremely hot and could melt the wires or burn you. A good way to avoid this entirely is to hold the battery while you're charging it so you can feel how warm it gets. The battery should only be warm—not hot—to the touch.

The battery is very easy to install in the model; just plug it in, snap the



The fast-charger that's built into the transmitter has two jacks that can charge the NiMH battery in 2 to 3 minutes or less.

hatch back on, and you're ready to fly again. Remember, though, that the model is "on" as soon as you plug the battery in, so it's best not to do this until you're ready to fly and the transmitter has been turned on.

Megatech's X-EC Diversion is truly a go-anywhere, fly-anywhere RC plane, and its stable flight characteristics make it an instant hit with everyone who flies it. ☉

Megatech (201) 662-2800;  
[megatech.com](http://megatech.com).