



Jeff Troy

Flight Report

Blade mCX S300 RTF and BNF

The popular coaxial helicopter is now available with a scale Schweizer body.

Having three or four additional lifetimes might be one way of coming up with ideas for improving the amazing Blade mCX helicopter from E-flite. This little machine is one of the most stable contra-rotating designs ever offered, and customer satisfaction rating and bang-for-the-buck value are beyond question.

The first coaxial Blade was the CX, followed by the CX2. E-flite turned the industry on its ear with the release of the mCX ("m" for micro), a miniature version of the contra-rotating Blade that was even more forgiving and easier to fly. Sales went through the roof, and the new mCX became one of the most successful RTF releases in the history of RC.

Horizon soon launched the BNF (Bind N Fly) category for E-flite, in which many of their RTF models could be purchased sans transmitter. This saved pilots a few bucks if they already had a 2.4GHz Spektrum, JR or E-flite DSM2 transmitter from another model. The little mCX was an obvious candidate.



Hobby Merchandiser received RTF and BNF versions of the new Blade mCX S300, and to merely note that I am impressed by these helicopters would be selling them way too short. From the compact, colorful packaging to the outstanding flight performance, The mCX S300 RTF and BNF are superbirds, and excellent flight trainers.



Ready-to-fly and Bind N Fly versions come with a LiPo flight battery and a self-contained quick charger. RTF version adds a 2.4GHz transmitter and alkaline cells.

Both models come fully assembled, individually flight checked and trimmed. A 3.7V 110mAh LiPo flight battery and a self-contained LiPo charger are included, and the quick charger is powered by four AA alkaline cells that are also included. The RTF version adds a

2.4GHz transmitter with trims, and four additional alkaline cells to power it. Other miscellaneous items, like a set of extra main rotor blades and an easy-to-understand 40-page instruction manual are also along for the ride.



Specifications

- Rotor diameter: 7.5 inches
- Length: 6 inches
- Height: 4.7 inches
- Weight: 1 ounce
- RC: 5-in-1 receiver, servos, mixer, gyro and electronic speed control
- Motors: Micro coreless (2)

RTF and BNF Features

- Factory-built mCX helicopter
- Contra-rotating, dual main blades
- IS 3.7V 110mAh LiPo flight battery
- LiPo quick charger and AA batteries
- Sport scale Schweizer S300 body
- 2.4GHz transmitter (RTF only)
- 40-page instruction manual



Blade mCX S300 BNF is shown in a shockingly revealing size comparison with Devin Troy's Spektrum DX7 transmitter.

The BNF version of the Blade mCX S300 will bind with any DSM2 transmitter from E-flite, Spektrum or JR. It will also bind with appropriate Futaba transmitters carrying a Spektrum 2.4GHz conversion module. Although I normally use my JR 12X for most BNF models, I felt that enlisting Devin's Spektrum DX7 for the job would represent a bit less overkill for this entry-level fun machine.

Binding takes roughly 20 seconds, and dealers should remind pilots that even though the BNF has been through the binding process with a DSM2 transmitter and the RTF version comes already bound from E-flite, the model must sit on a level surface for five seconds after connecting the battery to set the gyro and prepare the mCX for flight.



Binding the mCX is easy, and takes roughly 20 seconds. The model should sit level for a 5-second lock-in prior to each flight.

The factory flight check and trim work proved to be flawless, as both Blades flew perfectly from the first touch of the sticks. Throttle response is excellent for a training machine, and the model's stability at any attitude is close to unbelievable. Roll and pitch response is gentle and beginner friendly, and hard-over yaw input will swing the tail at a most impressive "watch me" rate.

Get the mCX in stock and do it now. The Schweizer S300 scale body gives the mCX a great boost to realism in flight, and the tiny helicopter is just superb in every way. E-flite has a true miracle machine on their hands. **HM**



Devin Troy demonstrates the mCX S300 BNF in the living room. This is a smooth-handling, gentle and stable machine, ideal for training.