

## **Model Rocket Skill Levels:**

### **1. E2X® Series (Almost Ready to Fly)** – Takes about 1-2 hours to build

- Single stage rockets powered by a single engine no more powerful than a “C”
- Easy assembly - no modeling experience required
- Pre-aligned, molded plastic fin units or Through-the-Tube (T3™) plastic fins
- Some measuring
- Simple gluing
- No painting or limited painting, depending on the kit
- Pressure sensitive decals

### **2. Beta™ Series (Skill Level 1)** – Takes about 3-4 hours to build

- Single stage rockets powered by a single engine no more powerful than a “D”
- Some modeling experience helpful
- Fin alignment attachment necessary
- Moderate measuring and cutting
- Gluing, sanding and sealing required
- Easy painting patterns
- Pressure sensitive or water applicable decals

### **3. Explorer™ Series ( Skill Level 2)** Takes about 6-8 hours to build

- Single or multi-stage rockets powered by engines no more powerful than a “D”
- Average to above average modeling experience required
- Fin construction and alignment may be complex
- Detailed measuring, cutting and gluing
- Sanding, sealing and varied painting schemes
- Unique design configurations

### **4. Challenge™ Series ( Skill Level 3)** Takes a couple of days to build

- Single or two engine cluster rockets or multi-stage rockets powered by engines no more powerful than a “D”
- Challenges the modeler’s skills
- Advanced wood, paper and plastic construction
- Precision measuring and cutting
- Uses several types of adhesives
- Sanding, sealing and complex painting schemes
- May have advanced payloads, i.e., electronic or other
- May be radio-controlled

### **5. Masters™ Series (Skill Level 4)** Assembly time varies by model, usually at least 4-5 days

- Master modeling skills are a must - recommended only for those 16 years of age and older
- Construction is extremely complex
- Unlimited propulsion options