





THE NEW ASSEMBLY METHODS



SUPER POWER CONFIGURATION



NEW EPO MATERIAL



THE LATEST SERVO DESIGN

ROCHOBBY 64MM

# F16 V2



FMS 64 MM

# F-16V2Falcon

FIGHTING FALCON



ROCBOBBY

# NEW UPGRADED VERSION

FMS is pleased to announce that all 64mm ducted fan aircrafts are being upgraded. Beginning with the release of the 64mm F16 V2. Inspired by the superior features of the original model, version two (V2) has improved mechanical and structural features that will enhance air performance and decrease assembly time. .



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**1**

## **280mm fiber pipe inserted through the fuselage and main wing**

The fiber pipe greatly enhances the wing strength for enhanced flying maneuvers. Improved main wing set and landing gear installation optimizes strength of structure and reduces assembly time.



**2**

## Improved main wing set and landing gear installation.

Use of four inner-hexagon screws instead of glue improves main wing set and landing gear installation optimizing strength of structure.



**3**

## **The latest EPO foam material creating stronger, more impact-resistant plane.**

FMS invest not only on the airplane design but also on the foam box. CNC molding for the box provides a snug fit for the airplane parts. Extensive work on the 3D graph makes the final work detailed and strong. Before production, crash tests against the four angles and six sides is conducted. As you can imagine, this is a really fun part of our job.







#### **4** New more powerful 64mm 11-blade ducted fan with up to 800 grams of thrust.

The latest 64mm ducted fan can achieve more than 800 grams of thrust.

The differences in speeds between the V1 and V2 will be noticeable. If you possess the "need for speed," accessories such as missiles can be removed to create a faster more streamlined model.





**5**

### **Environmentally friendly water-based paint minimizes blistering from sun.**

Oil paint is a low cost paint, which has some disadvantages like high corrosion (which deforms the airplane in the heat of the summer), environmental damage, and harm to human health. Water-based paint is non-corroding, environmentally friendly, and safer to human health. This high cost paint can protect the fragile foam parts under any condition. To bring you a green and safe product, water-based paint is now used on this model.

























**FMS**® Analog  
(FMS-091)  
4.8-6.0V 26.51/29.18oz.in  
0.11/0.09s/60° 1.8/2.1Kg/cm  
CE  made in China

## COMPREHENSIVE OPTIMIZING QUALITY UPGRADE

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99% scaled  
appearance



Assembled  
with no glue



64mm 11-blade  
ducted fan

### The real-size

- Features
- 1) Allowable speed range through flaps/slats and main wing
  - 2) Use of the main wing and main wing of the main wing and main wing
  - 3) Use of the main wing and main wing of the main wing and main wing
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  - 5) Use of the main wing and main wing of the main wing and main wing
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  - 9) Use of the main wing and main wing of the main wing and main wing
  - 10) Use of the main wing and main wing of the main wing and main wing



Wingspan	730MM	Alleron	YES
Overall Length	1100MM	Elevator	YES
Flying Weight	900G	Rudder	YES
Motor Size	2840-KV3900	Flaps	NO
Esc	40A	Retracts	NO
Servo	9G SERVOS X 5	Flying Duration	5MIN
Radio	4 CHANNEL	Experience Level	INTERMEDIATE
CG	90-95MM	Assembly Time	45MIN
Prop Size	/	Wing Load	58.2 G/DM <sup>2</sup>
Battery	11.1V 2200MAH 25C	Wing Area	15.3 DM <sup>2</sup>