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> [FMS RC Airplane 1100mm F3A Explorer PNP Instruction Manual](#)

## Fms F3A Explorer

# FMS RC Airplane 1100mm F3A Explorer PNP Instruction Manual

Model: F3A Explorer | Brand: Fms

## INTRODUCTION

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This manual provides essential information for the assembly, operation, and maintenance of your FMS RC Airplane 1100mm F3A Explorer PNP. Please read it thoroughly before operating the aircraft to ensure safe and optimal performance.

## WHAT'S IN THE BOX

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- 1x F3A Explorer PNP, 1020mm
- 1x User Manual

**Note:** Transmitter, LiPo Battery, and LiPo Charger are not included and must be purchased separately.

## SETUP AND ASSEMBLY

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Approximate assembly time is less than 1 hour. The F3A Explorer features bolt-on final assembly for ease of setup.

### Key Features for Assembly:

- Exceptionally strong EPO foam construction.
- High output 3536-1150Kv brushless motor.
- Attractive racing/3D paint scheme with a hand-painted scale pilot.

### Visual Guide:



Figure 1: Top-front view of the FMS F3A Explorer RC Airplane, showcasing its green, white, and blue livery with star accents.



Figure 2: Top-rear view of the FMS F3A Explorer RC Airplane, highlighting the tail section and wing design.



Figure 3: Front-side view of the FMS F3A Explorer RC Airplane, showing the propeller and landing gear.



Figure 4: Side view of the FMS F3A Explorer RC Airplane, displaying its full profile and livery details.



Figure 5: Detailed views of the FMS F3A Explorer RC Airplane, including close-ups of the tail, cockpit with pilot figure, and wing graphics.

## OPERATING INSTRUCTIONS

## Pre-Flight Checklist:

- Ensure a 4+ channel radio system is properly bound and configured.
- Verify the LiPo battery is fully charged and securely installed.
- Check the Center of Gravity (CG) at 3.7 inches (95mm) from the leading edge at the fuselage.
- Confirm all control surfaces (ailerons, elevator, rudder) move freely and in the correct direction.
- Inspect the propeller (11 x 5.5) for any damage and ensure it is securely fastened.

## Flight Performance:

The F3A Explorer is designed for precision aerobatic flying. Its high output 3536-Kv1150 brushless motor and included speed control provide excellent power. Approximate flight time is 5 minutes, depending on flying style and battery capacity.

## MAINTENANCE

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Regular maintenance is crucial for the longevity and performance of your FMS F3A Explorer. After each flight, inspect the aircraft for any damage to the EPO foam, control surfaces, landing gear, and propeller. Ensure all screws and connections are secure. Keep the motor and electronics free from dirt and debris. Store the aircraft in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

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### Common Issues and Solutions:

- **Aircraft not responding to controls:** Check transmitter battery, receiver connection, and servo functionality. Re-bind if necessary.
- **Poor flight performance:** Verify CG is correct, check control surface throws, and ensure propeller is undamaged and balanced.
- **Motor not spinning:** Check battery connection, ESC connection to receiver and motor, and ensure the ESC is armed correctly.
- **Unusual vibrations:** Inspect propeller for damage or imbalance, check motor mount for looseness.

For persistent issues, consult the FMS support resources or contact your retailer.

## SPECIFICATIONS

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<b>Wingspan</b>	40.2 inches (1020mm)
<b>Product Length</b>	44 inches (1120mm)
<b>Material</b>	Durable EPO
<b>Motor Size</b>	3536-Kv1150
<b>Propeller Size</b>	11 x 5.5
<b>Servos</b>	4 x 9g servo
<b>Speed Control</b>	Included
<b>Power Type</b>	Electric
<b>Flaps</b>	No
<b>Retracts</b>	No
<b>Approximate Flight Time</b>	5 minutes

<b>CG (Center of Gravity)</b>	3.7 inches (95mm) from leading edge at the fuselage
<b>Minimum Required Radio</b>	4 channel
<b>Manufacturer Recommended Age</b>	14 years and up

## **WARRANTY AND SUPPORT**

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For information regarding product warranty, returns, or technical support, please refer to the official FMS website or contact your authorized FMS retailer. Keep all packing material and original boxes in case of a return or exchange. If your package was damaged during shipping or you received the wrong product, please contact customer service immediately with photos of the damaged product and packaging.