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Fms FMS153R

Fms 410mm T-28 RC Plane Instruction Manual

Model: FMS153R

1. INTRODUCTION

Thank you for choosing the Fms 410mm T-28 RC Plane. This remote control aircraft is designed for beginners and experienced pilots alike, featuring durable EPP foam construction and multiple flight modes for versatile flying. This manual provides essential information for safe assembly, operation, and maintenance of your aircraft.



Image: The Fms 410mm T-28 RC Plane, a compact and durable remote-controlled aircraft.

2. PRODUCT FEATURES

- **Beginner-Friendly Design:** Features 3 flight modes (Beginner/Intermediate/Expert) and a one-key return function, ideal for new pilots.
- **Durable Construction:** Made from crash-proof EPP foam with a propeller guard for enhanced longevity.
- **Ready-to-Fly (RTF):** Includes a 2.4GHz transmitter, USB-C rechargeable battery, and pre-assembled wings for quick setup.
- **Authentic Replica:** Mimics the stable flight characteristics of the real PA-18 Super Cub with a dihedral wing design.

410MM T-28



Image: Illustration of the three flight modes: Full-Stabilizing, Optimized Stabilization, and Manual Control, demonstrating the plane's versatility.

After World War II, countries began to design intermediate training aircraft with larger engine power, faster flight speeds, and more advanced cockpit equipment to facilitate the transition of flight students from piston engine trainers to jet aircraft. The T-28 is one such example.

FMS has designed this 410mmT-28 model based on the legendary classic T-28, specifically for beginners!



Image: The propeller protection design of the Fms 410mm T-28 RC Plane, highlighting its durable EPP foam construction.



Image: The one-key return function of the Fms 410mm T-28 RC Plane, showing the remote control and the plane's automatic return path.

3. PACKAGE CONTENTS

Your Fms 410mm T-28 RC Plane package includes:

- Fms 410mm T-28 RC Plane (pre-assembled)
- 2.4GHz Transmitter
- USB-C Rechargeable Battery
- USB Charger
- Spare Propellers
- 2 Sticker Sets
- English Instruction Manual

4. SETUP

4.1. Landing Gear Installation

The landing gear is designed for easy attachment and removal. Gently push the wire ends of the landing gear into the designated slots on the underside of the fuselage until they click into place. Ensure they are securely fastened before flight.

REALISTIC BODY DETAILS



Image: A detailed view of the Fms 410mm T-28 RC Plane, showing the attached landing gear and overall realistic design.

4.2. Transmitter Battery Installation

Open the battery compartment on the back of the 2.4GHz transmitter. Insert 4 AA batteries (not included), ensuring correct polarity. Close the battery compartment securely.

4.3. Aircraft Battery Connection

Locate the battery compartment on the underside of the aircraft. Connect the fully charged USB-C rechargeable battery to the aircraft's power connector. Secure the battery within the compartment.

5. CHARGING THE BATTERY

Use the provided USB charger to charge the aircraft's battery. Connect the battery to the USB charger, then plug the charger into a compatible USB power source (e.g., computer, USB wall adapter). The indicator light on the charger will show the charging status. Ensure the battery is fully charged before each flight for optimal performance.

6. OPERATING INSTRUCTIONS

6.1. Flight Modes

The Fms 410mm T-28 offers three distinct flight modes to accommodate various skill levels:

1. **Beginner Mode:** Provides maximum stability and limited control angles, making it easy for first-time pilots to learn.
2. **Intermediate Mode:** Offers more freedom in control while still providing some stabilization assistance.
3. **Expert Mode:** Full manual control with no stabilization assistance, for advanced aerobatics and experienced pilots.

Switch between modes using the designated button/switch on your transmitter.

6.2. One-Key Return

The aircraft features a one-key return function. When activated, the plane will automatically turn around and fly back towards its take-off point. Refer to the video below for a demonstration of this feature.

Video: This video demonstrates the one-key turn-around function for the FMS 410mm T-28 RC plane, showing how to activate it and the plane's response.

6.3. Take-off and Landing

- **Take-off:** Place the aircraft on a flat surface facing into the wind. Gradually increase throttle and gently apply elevator input to lift off.
- **Landing:** Reduce throttle and align the aircraft with the landing area. Maintain a slight nose-up attitude and gently reduce throttle further for a smooth touchdown.

7. MAINTENANCE

- **EPP Foam Care:** The durable EPP foam is designed to withstand minor impacts. In case of damage, use foam-safe adhesive for repairs.
- **Propeller Guard:** The propeller guard helps protect the propeller during crashes. Inspect it regularly for damage and replace if necessary.
- **Cleaning:** Wipe down the aircraft with a soft, dry cloth after each use to remove dirt and debris.
- **Storage:** Store the aircraft in a cool, dry place away from direct sunlight. Remove the battery from the aircraft and transmitter during storage.

8. TROUBLESHOOTING

- **Excessive Sensitivity:** If controls feel too sensitive, especially in Optimized-stabilization Mode, adjust the control rods or consider using Beginner Mode until you gain more experience.
- **Propeller Issues:** If the propeller sounds unusual or the plane vibrates, check for damage to the propeller or propeller guard. Replace if necessary.
- **Wheel Detachment:** If a wheel detaches, ensure the wire end is securely bent or fastened to prevent recurrence.
- **Loss of Control:** Immediately switch to Beginner Mode or activate One-Key Return if you feel you are losing control.

9. SPECIFICATIONS

Feature	Detail
Product Dimensions	16.54 x 16.54 x 5.43 inches
Item Weight	2.79 pounds
Item Model Number	FMS153R
Manufacturer Recommended Age	16 years and up
Batteries	Nonstandard Battery batteries required

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included in your product packaging or visit the official Fms website. Keep your proof of purchase for any warranty claims.

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