

AIRSHIP-1. AREA 51.



Flight Manual



www.megatech.com
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If you have questions about operating or installing your new Megatech product, or if you are missing parts... Please Call Megatech First!

DO NOT RETURN THIS PRODUCT TO THE STORE

*Call our Customer Service Department at:
(888) MEGA-911 or send an e-mail to:
info@megatech.com*

10:00am - 5:00pm, EST Monday through Friday (except holidays)

Technical assistance is also available on-line at www.megatech.com or by e-mail to questions@megatech.com


Congratulations. You have just purchased a radio controlled Airship 1/ Area 51 Blimp Combo that incorporates some of the most technically advanced electronics available. All of this technology combines to make the Airship 1 / Area 51 Blimp Combo incredibly stable and one of the easiest in the world to fly. Even if this is your first R/C product, your flights with the Airship 1 / Area 51 Blimp Combo are virtually guaranteed. You must, however, follow the instructions..

Please read this entire flight manual carefully before you attempt to build or fly your Airship 1 / Area 51 Blimp Combo.

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 **Important! Before you begin, please read the warnings listed on the following page. Failure to comply with the following recommendations could lead to bodily harm or injury. The Megatech Airship 1 / Area 51 Blimp Combo is not intended for those under 12 years of age without proper adult supervision.**

Safety Warnings



Please read these before operating.



This device complies with part 15 of FCC rules.

Operation subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Please read before operating your Airship 1 / Area 51 Blimp Combo.

General

- You alone are responsible for operating your model in a safe manner. When flying, you are responsible for your own safety and the safety of others around you. Follow these basic safety guidelines at all times.
- When operating/flying always be aware of spinning propellers. Be careful not to let them come close to your person, others and/or loose clothing.
- Fly in areas free from obstructions such as light fixtures, fans, wires or any object that could puncture or cause injury to yourself or others.
- Do not fly your model if other models are being operated in the area on the same frequency (49 MHz or 27 MHz).
- Do not attempt to disassemble any of the model's components or allow them to get wet. Electrical damage may occur.
- Never fly your model from roadways or after dark.
- Keep spectators behind you when flying.
- Before flying, make sure you perform a range check to be sure you can maintain control at least 25-feet from transmitter to model with the transmitter antenna extended.
- Since your model is controlled by a radio link it is very important to always keep a fresh alkaline battery in the transmitter. We recommend Megatech's Golden Power series, designed for RC products.
- Never use solvents or liquid cleaners to clean this model. Doing so may damage the unit or electronics. Only use a dry, soft cloth for cleaning.

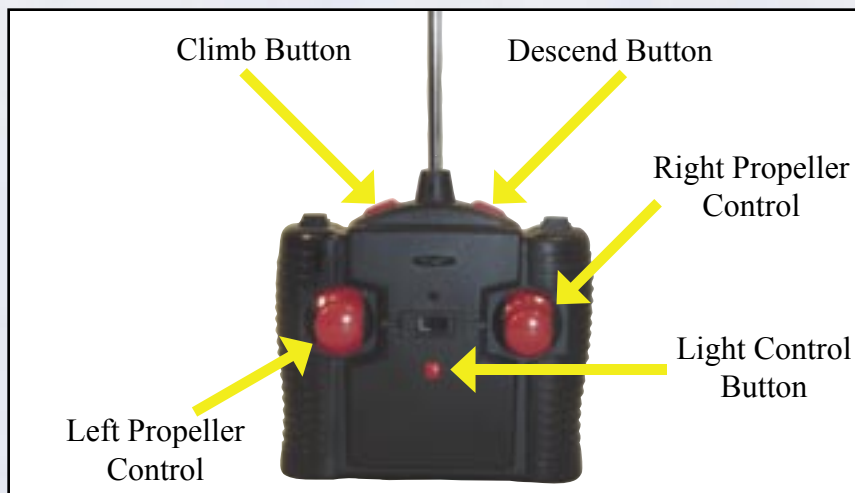
Batteries

- Install the 3V High Performance battery into the Gondola unit paying attention to the polarity while installing.
- Install the 9V Extended Life battery into the transmitter unit paying attention to the polarity while installing.



Radio

- Safe radio operation tip: The transmitter should always be the first thing turned on and the last thing off.
- The transmitter's antenna must be fully extended for optimum radio link during flight. Never fly with the antenna down.
- Never disassemble any of the radio components or expose them to moisture.



Radio Transmitter

Antenna: Emits signal from the transmitter to the model's on-board receiver.

LED display: Glows when transmitter is on and also shows battery condition. (Light will dim when the battery weakens):

Forward\ Reverse/Left/Right Turn Control Sticks (CH 1-2): Used to control forward, reverse, left and right turns. Pushing the two controls forward at the same time will move the unit forward, pulling the controls down will make the unit go in reverse. Using the left control or right by itself will turn the unit in the same direction as the control is being directed.

Sequence Light Button: When pressed it will operate the light to perform 8 functions plus off. You can press to move through the sequences.

Climb Descend Button (CH 3): Press the left button to make the unit climb and the right button to descend..

Power On/Off Switch: Turns the transmitter on and off. When transmitter is on and its batteries are at full capacity, the LED display will light.

Battery cover: Cover for compartment that holds (1) “9V” alkaline battery.

Filling and Attaching the Balloons

You can take your balloon to any convenient Florist or Party shop. Insert the nozzle of the helium tank into the special filling nozzle at the rear of the balloon. Take care not to insert the nozzle too deeply, as it can damage the self-sealing automatic fill valve. Open the helium valve and fill the balloon slowly and carefully. Continue filling until the balloon is full and firm, then simply remove the nozzle and the self-sealing valve will automatically close. Be careful to hold the balloon securely during filling so it doesn't fly away! DO NOT continue to fill after the balloon is full, it may burst!

Connect the gondola to the balloon. Turn the balloon bottom up and carefully place the Gondola slightly behind the center of the balloon. Make sure the on/off switch faces the rear of the balloon. Be very careful when handling the Gondola, as it is made of very lightweight material that can be damaged if dropped. Use regular transparent tape to attach the edges of the Gondola. Do not apply excessive amounts of tape since it could affect the total weight. (See diagram) Release the antenna wire and allow it to hang loosely from the bottom of the Gondola.

When the unit is ready for flight after the gondola is installed you

will need to properly weight the unit so it does not fly away. To do this slowly add one penny at a time in the slots between the gondola and balloon. Do this until the unit floats in air but will not fall to the ground or rise once you release it (zero buoyancy). Temperature and humidity will affect the amount of weight needed, adjust as needed to achieve zero buoyancy.

Taking Off and Flying the Model

Insert the antenna into the top of the transmitter and turn it clockwise until snug. Make sure the unit is balanced and turn the transmitter on. Then turn the Gondola on. For best performance use short 2 – 3 second bursts of power to control your ship.

[insert transmitter control functions]

Transmitter Control Functions

The two control levers on the front of the transmitter are for operating the left and right drive propellers. Each of which have independently controlled forward, reverse and full-stop.

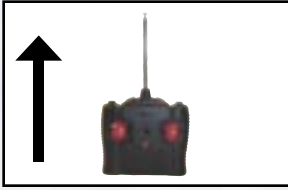
- Both sticks pushed forward will move the airship forward.



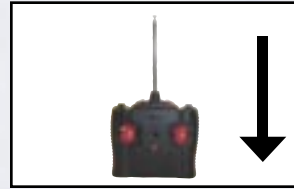
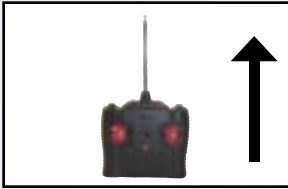
- Both sticks pulled back will move the airship backwards



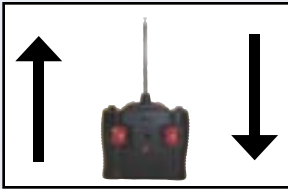
- The left stick only pushed forward will turn the airship right. This stick only pulled backwards will swing the airship's rear to the right.



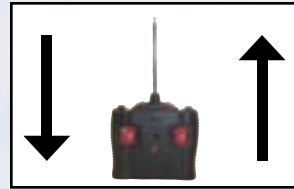
- The right stick only pushed forward will turn the airship to the left. This stick only pulled back will swing the airship's rear to the left.



- Both sticks simultaneously operated in opposite directions (one pulled back and one pushed forward) will turn the airship will swivel around its own axis (no forward or rearward motion) right or left.



OR



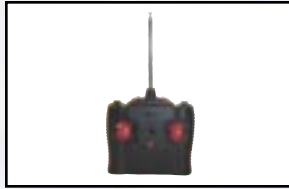
Right-hand (Clockwise)
swivel

Left-hand (Counter
clockwise) swivel

- The two buttons on the top of the transmitter operate the third altitude-control propeller. Pushing the left one will cause the airship to gain altitude. Pushing the right one will cause the airship to lose altitude.



- The button in the middle of the front of the transmitter turns on and selects eight different light sequence patterns.



Outdoor Instructions

Although we recommend only using your model indoors, some experienced pilots will want to venture outdoors. We include a tether that can be attached to the Gondola and Transmitter to help control the unit. Make sure the Gondola is securely fastened to the balloon. Check it often since the balloon can detach and fly away. Make sure the wind speed is zero and perfectly calm. Next attach the tether to both the transmitter and gondola always checking this tether is secure after each flight.

Spare Parts

Should you require spare parts for your Megatech Airship 1 / Area 51 Blimp Combo, you should first contact your local certified Megatech dealer. Should you not be able to locate the parts locally, you can contact Megatech directly and order the parts from us. The following is the spare parts that are available for the Airship 1 / Area 51 Blimp Combo along with the part numbers for your reference.

| Part Number | Description |
|--------------------|---------------------|
| MTC830201..... | AIRSHIP 1 BALLOON |
| MTC830202..... | AREA 51 BALLOON |
| MTC830203..... | GONDOLA UNIT |
| MTC3920..... | 3V LITHIUM BATTERY |
| MTC3949..... | 9V ALKALINE BATTERY |

Megatech® Limited Warranty

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Warranty

Megatech® International guarantees this item to be free from defects for a period of 90 days from date of purchase. If any component of this product fails to function properly due to defects in materials or manufacturing process during this 90 day period, the manufacturer's obligations are limited and manufacturer can choose to either repair or replace the item.

This warranty is void if the product in question has been altered or repaired by anyone other than Megatech International or an authorized agent.

Under no circumstances will Megatech® International or any of its representatives be held liable for injury to persons or property damage resulting from assembly or use of the product. Megatech® is not liable if any outside radio frequencies interfere with the product's frequency causing loss of control. Megatech® International will not be held liable for any personal injury or property damage resulting from an out-of-control model caused by use or misuse of the product.

Megatech® International expressly excludes any and all express warranties not specifically stated here and all implied warranties of merchantability and fitness for a particular purpose. There are no warranties which extend beyond the description of the warranties contained herein.

Contact the Megatech® International Service Department before returning any item that is defective according to the limitations listed above. Please be sure to pack the returned item(s) carefully. The customer must return the product along with proof of purchase, a letter describing the problem and the customer's address and telephone number. At this point in time we will either repair the defective part or replace it and return it to the customer. Return shipping and handling in the 48 contiguous states is \$8.99 Shipping outside of the 48 states will be quoted by location.

This warranty does not cover any damage caused by use, misuse, alteration, accident, or neglect, nor does it cover normal wear and tear of the product. Product returned to us which falls under this category will be submitted to our service department for repair. We reserve the right to charge any service and parts fees incurred when repairing the item.

Megatech® International

8300 Tonnelle Avenue
North Bergen, NJ 07047
(201) 662-2800
www.megatech.com

**MTC9941
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4 CHANNEL RTF CESSNA**



**MTC9932
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2 CHANNEL RTF AIRPLANE**

**MTC8340
A7 TORNADO JET**



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