FLIGHT MANUAL SUPPLEMENT

EQUIPMENT NAME: AEROTANK T10

EQUIPMENT DESIGNATION: AIRCRAFT TOWING TUG

APPLICABLE TO EQUIPMENT PART NUMBERS:

AM-ATK-T10-K00

AM-ATK-T10-K00E

AM-ATK-T10-K01

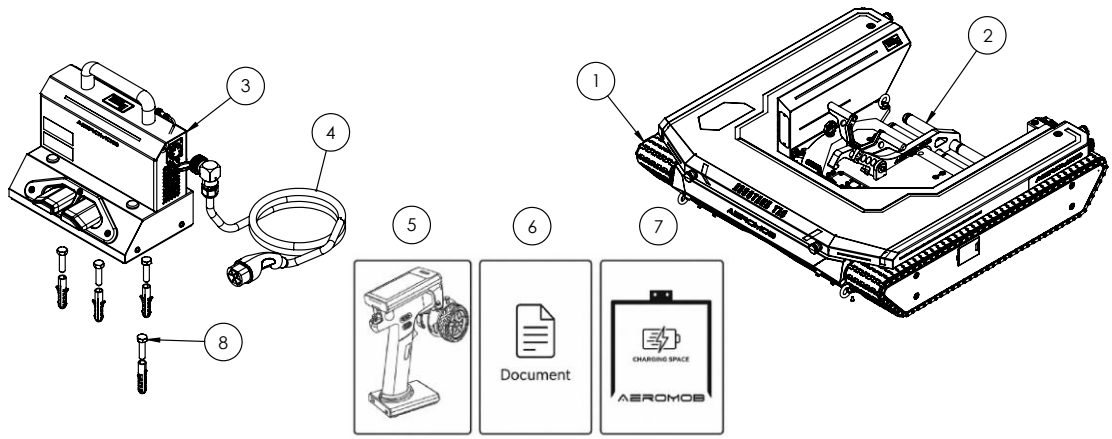
AM-ATK-T10-K02A

AM-ATK-T10-K02B

AM-ATK-T10-K03

EQUIPMENT MANUFACTURER:
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89218-325
Costa e Silva
Joinville/SC – Brazil
www.aeromob-industry.com

PART NUMBER: AM-ATK-T10-K03



ITEMS OF PART NUMBER: AM-ATK-T10-K03			
ITEM NUMBER	DESCRIPTION	PART NUMBER	QTY
1	AEROTANK T10	AM-ATK-T10	1
2	WHEEL CRADLE	AM-ATK-T10-M02A	1
3	CHARGING STATION	AM-CHG-K02	1
4	CHARGING CABLE	AM-ATK-T10-600	1
5	REMOTE CONTROL	FLYSKY NOBE NB4 PRO	1
6	USER MANUAL	UM-AM-ATK-T10	1
7	CHARGING STATION FLOOR DECAL	AM-CHG-026	1
8	SCREW WITH ANCHOR	DIN571 1/4X50	4

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1 GENERAL INFORMATION

TECHNICAL DETAILS

- Main material : Carbon steel
- Weight : 243.7 kg – 537.2 lbs
- Maximum towing speed : 2.75 km/h – 1.7 mph
- Maximum towing capacity : 10,000 kg – 22,046 lbs
- Maximum ground slope : 5% – 2.86°
- Battery : 1x 48 V 32 Ah battery
- Number of motors : 2
- Remote control frequency : 2.4 GHz ISM
- Charger input voltage : 90–264 V

APPROVED USE

The AEROTANK T10 is a remote-controlled aircraft towing tug. The AEROTANK T10 features a mounting point for interchangeable towing devices. The towing device is attached to the aircraft, enabling its safe movement. A locking system ensures that the attached aircraft remains secured to the equipment during towing and prevents stress on the nose landing gear and/or skid.

The equipment operator must read this user manual before operating the equipment.

Use of the AEROTANK T10 for any other purpose is prohibited.

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2 LIMITATIONS

GENERAL LIMITATIONS

The maximum towing capacity is 10,000 kg – 22,046 lbs.

The equipment can only be operated if the remote control is turned on. Otherwise, the AEROTANK T10 will not operate.

The battery level is shown on the indicator located on the chassis. When the unit's battery is running low, an audible alert will sound, and the unit will automatically shut off. In this situation, charge the AEROTANK T10 as soon as possible.

The remote control is powered by rechargeable batteries, which are charged via a power bank located on the bottom of the remote. You can charge the remote control by aligning it with the charging area on the robot's fairing.

Once the rear light is turned off, it can only be turned back on after 6 seconds.

The remote control should not be operated in heavy rain.

TOWING SPEED

The maximum speed of the equipment when unloaded is 3.35 km/h – 2.1 mph. The maximum speed of the equipment when loaded is 2.75 km/h – 1.7 mph.

OPERATION

The equipment must remain within the operator's field of vision at all times during operation.

Remote control operation is limited to a radius of 500 meters.

The maximum allowable grade is 5%. Operation on gravel or uneven terrain is prohibited. This may damage the tracks.

Operate the equipment only if it is complete and in working order. Do not use the equipment if any parts or nameplates are missing. Use only components supplied by the manufacturer for this equipment, and do not install components that are not part of this equipment. If you need a replacement part, contact AEROMOB.

CHARGING

When you connect the charger to the AEROTANK T10, charging will begin automatically. The charging status will be indicated by sequential blue LED lights. When the device is fully charged, the indicator lights will remain solid blue. During charging, there are two possible states:

- hibernation mode,
- off.

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After 15 seconds of charging, the device will enter hibernation mode. In this mode, the device will remain on but inactive until hibernation mode is turned off. Hibernation mode can be turned off using a command on the remote control.

Hibernation mode allows you to see the blue charging light and enables wireless charging of the remote control. If the device is turned off, charging will continue as normal, but without the indicator lights and without wireless charging of the remote control.

The portable charger and charging base should be kept in a well-ventilated area and protected from rain.

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3 EQUIPMENT DOCUMENTATION

FLIGHT MANUAL SUPPLEMENT (FMS)

The equipment Flight Manual Supplement (FMS) sent printed with the equipment and is available for digital consultation. It is advised that this equipment FMS be inserted into the flight manual (POH), in the SUPPLEMENTS section, for quick access to basic information relating to this equipment.

To access the updated version of the Flight Manual Supplement (FMS), scan the QRCODE available in this Manual.

USER MANUAL

This document is the User Manual. It is mandatory to read this manual before operating the equipment.

To access the updated version of the User Manual, scan the QRCODE available in this Manual.

MAINTENANCE PROCEDURES

The overhaul plan and any necessary maintenance procedures must be carried out in accordance with the Maintenance Manual.

To access the updated version of the Maintenance Manual, scan the QRCODE available in this Manual.

SPARE PARTS

The Illustrated Parts Catalog – IPC is the official reference document for ordering spare parts.

To access the updated version of the Illustrated Parts Catalog, scan the QRCODE available in this Manual.

www.aeromob-industry.com/support-am-atk-T10

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