

**Operator's Manual**  
**Aero-Pac® APT3000**  
**24V PORTABLE AIRCRAFT TOWUNIT**

PATENTED DESIGN BY Aero-Pac®



# APT3000



This picture is with the mooney adapter

## **General Description and Application**

The APT3000 is a 24VDC aircraft towunit designed to provide pilots, flying clubs, private owners and aviation maintenance professionals with an affordable reliable aircraft towunit.

The APT3000 is powered by a 24VDC lithium battery, through an intelligent controller the speed is controlled. Forward and Reverse.

The APT3000 includes.

1. 24VDC lithium batteries. (extra batteries in stock.)
2. Intelligent charger 24VDC output, input 110V/220VAC, which leaves no memory effect on the batteries, and batteries can be charged at all times.
3. Control handle, with forward and backwards selector. Speed can be regulated from 1 km/hr to 7 km/hr. Speed is regulated by rocking lever.
4. Powder coated steel frame (optional in your color / logo ).
5. Different adapter configuration possible.
6. Intelligent electronic controller for speed and engine control.

### It is ideal for:

- private aircraft hangars
- Flying schools and clubs.
- FBOs, avionics & maintenance shops
- air shows and aircraft exhibitions

### Charging instructions :

There is no memory effect on the battery.

Never leave the battery uncharged for long periods; it may result in damage to the battery. (connect black charger pin to black socket, red charger pin to red socket, middle socket red is used for the safety red pin.)

Green light : battery fully charged

Orange light : battery 95% charged.

Red light : battery fully charged.

## **ADAPTER MOUNTING :**

1. Place adapter bars into the open ends of the Aero-Pac® APT3000 frame.
2. Approach aircraft from the front allowing adapter to fit nose gear as needed according to plane type (works on several tailwheel aircraft aswell.)
3. Secure adapter to gear depending on adapter type and tighten accordingly.

## **Aero-Pac APT3000® Operation :**

1. Check for obstacles during tow operation. Perform aircraft fuel check and oil check of aircraft before starting tow operations.
2. Pull trigger while keep some down pressure on the nose wheel with the drive drum in contact with nose wheel or tail wheel.
3. Guide plane carefully and release trigger to stop.
4. The trigger switch is variable in speed for precise control.

Use Chocks: When returning the aircraft to the hangar, use chocks to prevent hitting the rear of the hangar or other obstructions.

Always check for clearance around the entire aircraft prior to moving the aircraft.

Operating Speed: The electric APT3000 is designed to operate at a slow walking pace for safety (max 7 Km/hr) .

## **HINTS**

1. KEEP CORRECT PRESSURE IN ALL TIRES FOR MAXIMUM OPERATION.
2. MOVE MAIN GEAR TIRES OVER RAILS AND DOOR TRACKS AT A SLIGHT ANGLE ONE, MAKES TOWING EASIER

## **Specifications:**

Charger input : 110-240 Volts AC, 50-60 Hz.

Shipping Weight: 9 kg

Shipping Dimensions: 90 cm x 25 cm x 25 cm

Aero-Pac®

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THIS PICTURE IS PRESENTING NONE FOLDABLE APT3000, NOWADAYS ALL APT3000 ARE FOLDABLE

