

AeroKART

The **AeroKART** is an all-electric, battery powered aircraft tug for moving light aircraft. Two models are available: FIXED and ADJUSTABLE. The FIXED model is designed for a particular height of attachment points, either high (Cessna, Bonanza, or Piper), low (Cirrus, Columbia, or Tail Wheel), or anything you want. The two long arms can easily be replaced by pulling two quick-release pins and installing a different pair (length or height) of arms. Adapters for different aircraft are installed in the end of the long arms to mate with your particular aircraft. The adapters are held in place with either a quick-release pin or a bolt tightened against a flat on the adapter. The ADJUSTABLE model has all the same features of the FIXED model except that it has a crank that raises or lowers the long arms to accommodate just about any aircraft.



AeroKART UNCOVERED



The **AeroKART** is a 24 VDC system utilizing two 12V sealed lead acid batteries using AGM (Absorbed Glass Mat) technology, a heavy duty gearmotor, a controller, and a twist grip "throttle" input device (potentiometer). The batteries are charged by a smart charger that can be left plugged in (recommended) indefinitely without harming the batteries. The controller is programmed to shut off automatically after 20 minutes of inactivity.

HEAVY DUTY GEARMOTOR

The **AeroKART** is equipped with a heavy duty gearmotor with a 1" diameter axle. Billet aluminum hubs mount heavy duty steel wheels (.120" thick).



OPERATION

Once the correct adapters are chosen and set and the correct height (Adjustable Model) is set, all further operations are controlled from the handle bar area. Simply switch on, ease up to the aircraft by slightly rotating the twist grip, capture the right attachment point, engage the left attachment point by moving the red lever to the locked position, choose FORWARD or REVERSE, move the aircraft.



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