

TOW BARS

ROBOTOW PORTABLE TOW BAR



Aircraft Spruce is pleased to offer the new all weather Millennium model Robotow. It is lightweight (under 30 lbs.) and portable, making it ideal for carrying onboard your aircraft. When the Robotow's heavy duty all weather knurled drive drum is held against the nose wheel, the aircraft is easily moved. A trigger on the handle controls the speed while a switch reverses direction on command. Powerful, portable, and dependable, Robotow is an ideal motorized towbar for the aircraft listed below. Order axle adapters separately.

Description	Parts #	Price
Robotow 6302 18V Towbar Cordless, with 5amp Robopak (moves plane 400ft. on a single charge)	13-03896	.
Robotow 6356 18V TOWBAR CORDLS	13-04222	.
Robotow corded 120V, with 80ft. extension cord.	13-03897	.
ACCESSORIES		
Robotow 5 Amp 18 Volt Robopak Battery	13-03898	.
Robotow 18 Volt Charger	13-03899	.
Robotow 18 foot Extension Cord.	13-03901	.
Robotow GFI	13-03902	.
AIRPLANE ADAPTERS (SOLD SEPARATELY)		
Robotow Adapter Aero Commander	13-03904	.
Robotow Adapter Beech 1 / Baron / Bonanza / Debonair Duke	13-03905	.
Robotow Adapter Beech 2 / Queen Air / Twin Bonanza / Trigear 18	13-03906	.
Robotow Adapter Cessna 1 / 150, 172, 182, 310, 340	13-03907	.
Robotow Adapter Cessna 2 / 310R, 401, 414, 421	13-03908	.
Robotow Adapter Cessna 3 / 182RG (Pre-1962), 206, 210 (Pre-1962)	13-03909	.
Robotow Adapter Cessna 4 / 337, 303	13-03910	.
Robotow Adapter Cessna 5 / 182RG and 210 (1962-1986)	13-03911	.
Robotow Adapter Piper 1 / Apache, Comanche, Aztec, Navajo, Twin Comanche, Bellanca	13-03912	.
Robotow Adapter Piper 2 / Colt, Cherokee, Tri-pacer	13-03913	.
Robotow Adapter T28 Trainer	13-03914	.
Robotow Adapter Navion	13-03915	.
Robotow Adapter Commander 114B	13-03916	.
Robotow Adapter Cessna Caravan	13-03917	.
Robotow Adapter Trinidad	13-03918	.

CESSNA TOWBAR EXTENSION



The "QUICK-FOLD COMPACT TOWBAR" also known as the "QFC--Towbar-TM" This new to the market design was patented with you in mind...No more back breaking, bend over towing... Simply attach the QFC-TowbarTM extension to your already existent Cessna tow bar and stand up straight -away from under the propeller-for an added extension of 33". The QFC-TowbarTM has a unique compact design allowing for secure storage. It simply folds flat and is stowed securely along side the factory tow bar in the luggage compartment.

P/N 13-06722

DELUXE TAILWHEEL TOWBAR



The new Deluxe Tail wheel Towbar uses a positive locking control cable to attach to the wheel from a straight-on position. No extra maneuvering or lifting is required, and it can be adjusted for various tail wheel sizes. Towbar Weight: 26 lbs.

Note: Maximum weight to lift is 1,200 to 1,500 lbs. P/N 13-04918

ROLLING TOWBAR FOR TAIL DRAGGERS



Designed by an aircraft mechanic for easy ground handling of his Aeronca, this new tow bar is ideal for all types of tailwheel equipped aircraft. Just place the tail wheel in holding bracket, lift up, and tow bar wheels allow aircraft to be wheeled anywhere with ease. Bracket fits all standard aircraft tailwheels.

P/N 13-04277

GLIDER & BANNER TOW HOOKS

GLIDER & BANNER TOW HOOK RELEASE



Bolt-on tow hook with bumper is designed to be directly bolted to a custom mounting bracket. The bumper is designed to reduce the kick-back that occurs when releasing a banner. The polyethylene bumper absorbs the force of the release and your tow hook release will last longer. P/N 13-06281

GLIDER & BANNER TOW HOOKS RELEASE



Bolt-on tow hook is designed to be directly bolted to a custom mounting bracket. P/N 13-04975

GLIDER & BANNER TOW HOOKS RELEASE



Weld-on tow hook designed to be directly welded to a custom mounting bracket. This hook is similar in design to the Schweizer manufactured hook that is no longer available.

Design improvements were made to increase emergency release capability at all towing loads and angles. A common glider towing hazard occurs when the glider becomes extremely high or low compared to the tow plane. This applies a load to the tow hook at an angle that significantly increases the force required to release the tow rope. This new hook has greater release arm leverage and a unique hardened roller release design to reduce release force at all tow angles. Additionally, the geometry of the tow hook housing was improved to keep the tow ring in the optimum position to minimize release force. The tow hook is not to be used on gliders. FAA approval can be obtained for the complete tow hook and release system by following the guidelines in FAA Advisory Circular 43.13-2B, Chapter 8, titled, "Glider and Banner Tow-Hitch Installations" and the included tow hook installation instructions. Tow hook release is not STC or PMA approved. P/N 13-04974

GLIDER & BANNER TOW RING



The tow rings is designed for use with the glider and tow hook release. The size of the tow ring is 2 1/4" OD. The material is forged steel, finished with cadmium plate with a proof load to 2500 lbs. Tow ring is for use with Wings Unlimited, Inc. tow hooks only. It is not STC or PMA approved. P/N 13-06282

GLIDER & BANNER TOW RELEASE HANDLE



The release handle is attached to the support bracket in the cockpit of the airplane. A cable is attached to the handle and tow hook release. FAA approval can be obtained for the complete tow hook and release system by following the guidelines in FAA Advisory Circular 43.13-2B, Chapter 8, titled, "Glider and Banner Tow-Hitch Installations". The release handle is not STC or PMA approved. P/N 13-06283

GLIDER & BANNER TOW SUPPORT BRACKET



The support bracket is attached to the floor of the airplane in the cockpit and is the housing that holds the release handle. FAA approval can be obtained for the complete tow hook and release system by following the guidelines in FAA Advisory Circular 43.13-2B, Chapter 8, titled, "Glider and Banner Tow-Hitch Installations". The support bracket is not STC or PMA approved. P/N 13-06284