

# DE-ICE EQUIPMENT – DIGITAL THERMOMETERS



## DE-ICING CARTS

Aircraft De-icing Gasoline Engine Powered Carts are designed for outdoor de-icing operations. These carts use either a 5.0 or a 5.5 hp air-cooled gasoline engine, providing adjustable fluid flow rates and pressures of up to 6.0 gpm/150 psi and 10.0 gpm/300 psi respectively -- sufficient to de-ice all general aviation, corporate & charter aircraft. The standard carts range in capacity from 25 to 110 gallons. Each is equipped with an electric immersion heater to heat the de-icing fluid to a maximum of 160° F to help melt frost, snow & ice from your aircraft's surfaces. All carts include Honda 5.5 engine, 24" tow bar with pintel ring, high-pressure hose, adjustable pressure valve, pressure gauge, pistol grip handgun, and adjustable brass nozzle. Electric models come with 12v Self Containment kit.

10.0 gpm/300 psi respectively -- sufficient to de-ice all general aviation, corporate & charter aircraft. The standard carts range in capacity from 25 to 110 gallons. Each is equipped with an electric immersion heater to heat the de-icing fluid to a maximum of 160° F to help melt frost, snow & ice from your aircraft's surfaces. All carts include Honda 5.5 engine, 24" tow bar with pintel ring, high-pressure hose, adjustable pressure valve, pressure gauge, pistol grip handgun, and adjustable brass nozzle. Electric models come with 12v Self Containment kit.

Gas powered engines		
Description	Part No.	Price
40 Gallon 5.5 Hp gas Engine with 2500 watt heater.	12-02083	---
60 Gallon 5.5 HP gas engine with 2500 watt heater.	12-02084	---
Electric powered engine		
Description	Part No.	Price
25 Gallon 12 volt Electric Cart.	12-02085	---
40 Gallon 12 volt Electric Cart.	12-02086	---
60 Gallon 12 volt Electric Cart.	12-05533	---

## NICHOLSON HACKSAW BLADES

Nicholson Bi-Metalloy hacksaw blades last twice as long as high-speed steel and 10 times longer than carbon steel. Can operate 20%-50% faster. Practically unbreakable.

### GENERAL RECOMMENDATIONS FOR BLADE SELECTION

**14 TOOTH** – For cutting heavy cross section and for soft materials where maximum chip clearance is needed.....P/N 12-19514 ..... ---

**18 TOOTH** – For general shop use, where blade is used on several jobs.....P/N 12-19518 ..... ---

**24 TOOTH** – For cross sections of 1/16" to 1/4", such as pipe, angles, small drill rod.....P/N 12-19524 ..... ---

**32 TOOTH** – For cutting stock up to 1/16" thick, such as 4130 tubing, sheet metal, BX.....P/N 12-19532 ..... ---



## NYLON FLANGES IN BATTERY BOX MODIFICATION KIT

**Features:** • Less expensive to modify the existing box than to replace it • Mod and Positive and Negative Cables are less costly than new braided straps • Compatible with our famous "Low Loss" Cable Kits • Nylon inserts guard against battery grounding or unwanted mishaps • Add positive and negative copper cables for additional charge  
**Benefits:** • Improve Starting Performance • Easier Removal & Installation of Battery • May prolong life of battery and starter • Less expensive to modify existing box than to replace • Compatible with our famous "Low Loss" Cable Kits! • Eliminate extra connection on outside of the battery box • Do away with the troublesome braided negative strap.  
Experimental.....P/N 11-02892 ..... ---  
STC'd/PMA'd.....P/N 11-02893 ..... ---



## T BAR TOOL

Gone will be the loathsome task of removing inspection panels, fuel cell panels, wing root fairings to name a few! Enter T-BAR! By design, the tool is anchored to an existing nut-plate, then with leverage is able apply enough downward force to keep the hex bit firmly gripping the screw head, allowing the mech to back it out with confidence and ease...Your welcome!!

P/N 12-06475 ..... ---



## THARPE LEVER

It is a scaled down Johnson bar that fits in an AOG bag (and your pocket!). Perfect for cramped spaces! 1/4" square drive with a socket for a 1/4" bit. Each lever now ships with a removable rubber screw and bit holder so you don't have a pocket full of FOD.

P/N 12-06467 ..... ---

## CANNON PLUG STRAP WRENCH



Get in and get out without causing yourself more work! This 1/4" drive cannon plug strap wrench is useful when you need to remove a cannon plug or fitting in a tight spot. Break B-nut torque with a wrench and quickly run it on or off with this tool. Each tool ships with 12" of skydrol resistant nylon strap.

P/N 12-06469 ..... ---



## AIRCRAFT DEICING STORAGE TANK

Heated Insulated Storage Tanks are appropriate for indoor use only to store your de-icing fluid with a heated insulated wrap preset to 140°F. These storage tanks use an electric pump to transfer the heated fluid from the storage tank right to your Aircraft Deicing cart at a rate of up to 12 GPM. All storage tanks are supplied complete including a heavy duty polyethylene tank, 3000w 240v immersion heater, heavy vinyl insulated wrap, transfer pump, temperature gauge and a high-pressure hose with a pistol-grip nozzle. **Tank:** • Capacity: 100 Gallons • Dimensions: 28in Diameter x 46in Height • Material: Polyethylene .....P/N 12-05532 ..... ---

## ATS HOSE FITTING ASSEMBLY TOOLS



Individual sizes: #3, #4, #5, #6, #8, #10, & #12. For use in assembling stratoflex series 300, aeroquip 303, 491 hose fittings. Chrome Plated.

Size	Part Number	Price
#3	12-05273	---
#4	12-05274	---
#5	12-05275	---
#6	05-26371	---
#8	12-05498	---
#10	12-05271	---
#12	12-05272	---

## BATTERY TERMINAL TOOL



The Right Tool for the Job • Prevents damage to battery posts • Steel frame, fits battery wing nuts securely • Insulated to eliminate shorting, sparks or possible explosions • Foam grip handle eliminates slipping. • Great gift for pilot or mechanic.

P/N 12-16200 ..... ---

## NO-SPARK ABS BATTERY TOOL



3D printed abs plastic with 3/8" drive for a socket wrench.

Dimensions - 3"x1"

Plastic is non-conductive so you can safely take off and on your battery terminals without a shower of sparks.

Throw it in your tool box or take it in the airplane .....P/N 13-25146 ..... ---

## ADEL CLAMP SCREW HOLDER



These handy little helpers hold Adel and P clamps closed so that you can install a ground strap or nut with a free hand. Insert this tool into the screw threads while compressing the clamp stack, install hardware, and a simple pull will release the clip for final torquing of the nut. Laser cut from .018" stainless steel for resilience, flexibility and corrosion resistance. Works on #6, #8, #10, and #12 screws. MADE IN USA .....P/N 12-06470 ..... ---



## SCHRADER VALVE SERVICING EXTENSION SOCKET

This tool is the solution to service hard to reach Schrader valves, typical with many landing gear and accumulator configurations. Compatible with MS28889-2 and 9019C valves (3/4" jam nut) Bombardier, Gulfstream, Hawker, Cessna, Embraer, and more. Machined from 303 stainless steel this tool is capable of high-pressure servicing. Replacement packings are available in our store; Parker Hannifin P/N EM163 N1613-007.....P/N 12-06468 ..... ---



## TOOLING BREWER WRENCH

Great for tight quarters and engine work. Don't disassemble more than you need to access a fastener deep in a confined area. They can also be bent without the need for a torch, or cut down to make thin dog bones.

From 1/4" to 11/16". 12 point box ends, with 1/4" or 3/8" drives at 2 locations for torquing. Drives are 1.5" and 6.5" from fastener center. Laser cut from 10 and 12 gauge polished stainless steel. MADE IN USA.  
1/4"-5/16" .....P/N 12-06471 ..... ---  
3/8"-7/16" .....P/N 12-06472 ..... ---  
1/2"-9/16" .....P/N 12-06473 ..... ---  
5/8"-11/16" .....P/N 12-06474 ..... ---

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