

Special

Weapons

And

Tool Mounting



Performance Advantage Company



Specialized Tool Mounting For SWAT



Lancaster New York SWAT Team

PAC'S MISSION

- PAC Has Been An Industry Leader For Mounting Tools And Equipment For The Fire & Rescue Industry.
- PAC Has An Extensive History In Servicing The Tool Mounting Needs Of The U.S. Military.
- Ongoing Inquiries From Agencies And Manufacturers Within Homeland Security And Law Enforcement Has Warranted Evaluation Of PAC Products With These Types Of Applications.
- As A Test Case, It Was Determined That First Hand Retrofitting Of A Law Enforcement Vehicle Was The Logical Approach To Realizing The Proper Means By Which To Mount Tools, Equipment & Weapons Used In This Industry



The "Before" Analysis!



Left Side Exterior Access Compartment – 3 Units



***Most Equipment Was Stored
Where There Was Available
Space Without The Use Of
Secure Storage Brackets. As A
Result, Most Items Stored Were
Loose And Subject To Movement
While In Transport***



Ride Side Exterior Access Compartment – 1 Unit



***Little Was Done With The
Right-Side Rear
Compartment
Regarding Effective
Storage Of Tools And
Equipment***



Interior Transport Area Storage



***Most Storage In The SWAT Team
Transport Area Was
Accomplished By Items Being
Placed Loose In An Assortment Of
Interior Compartments.
Few Items Were Secured To
Restrict Movement During
Transport***



Interior Cabinet Weapons Mounting



While Fabricated Rack Components Offered An Effective Means For Weapons Stacking, The Lack Of Having A Positive Locking System Limited Overall Securing Of Each Firearm.



The Completed Project



L-1 Compartment Revised



***Total Re-Organization With
Utilization Of Inner Door
Panels For Bracket Mounting
Along With Better Utilization Of
Vertical Compartment Space***



L-2 Compartment Revised



All Loose Hand Tools Originally Stored On The Compartment Shelf Were Mounted On The Inner Door Panels. This Allowed For Better Organization As Well As Opening Up Additional Storage Area On The Compartment Shelf



BOTH INNER DOOR PANELS USED FOR MOUNTING OF LOOSE HAND TOOLS

L-3 Compartment Revised



Minimal Change Was Required In This Compartment, Other Than Mounting Of A Pry Bar On The Inner Door Panel Of The Compartment

R-3 Compartment Revised



Re-Organization Of The R-3 Compartment Has Allowed For Additional Storage Of Back-Up Protective Equipment, Along With Inner Door Panel Mounting Of Entry Tools Such As A Halligan Bar & Bolt Cutters.

Interior Cab & SWAT Team Transport Area Mounting(s)



ASSAULT CREW AREA MOUNTING



SECURE TOOL STORAGE
IN SWAT TEAM TRANSPORT
AREA. ALLOWS FOR QUICK
TOOL ACCESS

SWAT Crew Transport Area Mounting Was Kept To A Minimum To Create As Much Team Member Space As Possible. A Set Of Bolt Cutters, Two Fire Extinguishers, A Pike Pole, And A Battering Ram Were Mounted Within This Space For Immediate Access By Team Members.



Weapons Mounting Revised



Small Arms Securing Was Adjusted Both Through The Application Of Brackets For Attachments, Creating A Handgun Rack Within A Compartment, And By Simply Adding Positive Locking Brackets To A Pre-Existing Weapons Rack To Complete The System.



Additional Weapons Mounting Applications



Exterior Vehicle Mounting



Previously, The First Floor Access Double Ladder Was Required To Be Transported In The SWAT Team Transport Area Of The Vehicle Body. This Significantly Reduced Team Member Transport Space And Created A Potential Injury Situation.

The Addition Of Positive Locking Brackets Like The Handlelok In Conjunction With Two Weight Stabilizing Brackets, Allowed For Exterior Wall Mounting On The Vehicle. This Also Established Much Quicker Access To The Ladder When Arriving At A Scene.

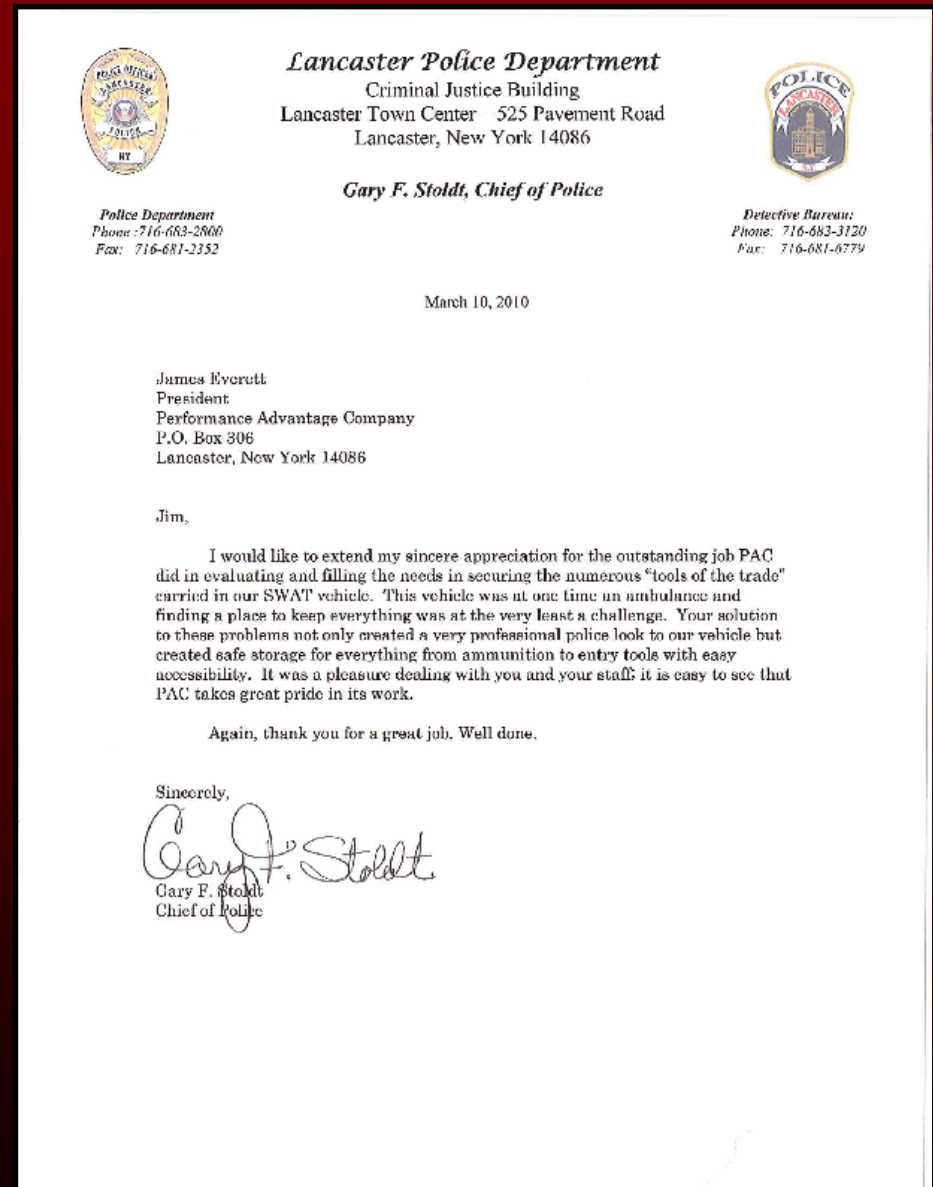


Benefits Achieved In Conversion

- ***Improved Organization Of All Tools And Equipment.***
- ***Reduced The Potential For Items Being Damaged In Transit As A Result Of Being Loosely Stored.***
- ***Significant Increase In The Overall Amount Of Available Storage Space.***
- ***Improved Accessibility For All Tools And Equipment Mounted.***
- ***Improved Accountability, And Reducing The Potential For Loss Of Tools And Equipment At A Scene By Creating An Immediate And Visual Means Inspection.***
- ***Increased Efficiency, Better Organization, And Improved Security Of Expensive Tools, Equipment & Weapons.***

What Does SWAT Think?

Having the Lancaster SWAT Team satisfied in the organization, accessibility, and ease of use was the ultimate goal in completing this project. We are confident based on this response, that goal was achieved!





Our Sincere Thanks To;

Chief Gary Stoldt
Lancaster Police Department
Lancaster, New York



Lt. James Robinson,
Members
Lancaster Police Department
Swat Team

For Allowing PAC To Be Involved And Documenting This Conversion Project,
And For Doing Such A Great Job In Protecting The Citizens Of The
Lancaster Community.