

# AERIAL PLATFORMS



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PERFORM. LIKE NO OTHER.™

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# ***Superheroes leap over tall buildings. You don't have that luxury.***

When you're up close and personal with a fully involved building, you have to perform some superhuman feats: like flowing 2,000 gpm in strong winds, on a severe grade, while operating in an ice storm. Your aerial platform needs to be right there with you. It needs to be stable, sturdy and smooth operating. We also think it's important that you work at maximum capacity when dealing with building setbacks. That's why Pierce® aerials maintain maximum horizontal reach at all capacities – people, water flow, wind, ice and tip/equipment allowance – regardless what degree of angle the platform operates within.

It needs to be safe as well. Only Pierce aerial platforms feature Command Zone™ advanced electronics that deliver critical platform performance data in real time, giving the operator the information needed to work within the platform's safety parameters. Pierce aerial platforms provide smooth, precise control throughout the full range of aerial operation. Those are just two examples of our commitment to 360° Protection From Every Angle™.



## ***Engineered to be the finest.***

Both safety and performance start with engineering. The industry's finest product development team is always working on improvements so you can position easily and confidently. As a result, you can do your job safer and more effectively – whether that means rescuing someone from an 8<sup>th</sup> story window, putting a ventilation team on a roof, or setting up a master stream for a defensive operation.

We build every Pierce® aerial at our own facilities, where we can keep an unforgiving eye on quality. That's why our aerial platforms work perfectly with Pierce custom chassis and bodies, year after year, under the toughest conditions.

Our own professional engineers conduct exhaustive tests, including finite element analysis and modal analysis, utilizing brittle lacquer and strain gauge instrumentation. The words are fancy, but the results are serious: Pierce platforms meet or exceed all NFPA 1901 standards. And after we test it with our own engineers, every Pierce aerial platform is also certified by professional engineers backed by independent, UL third-party testing. So your platform is ready for whatever test comes its way.

## ***World-class body builders.***

We don't just build bodies and chassis. We make them outstanding. Body construction is formed and welded for durable, long-lasting design without unnecessary weight. All bodies are supported with the Pierce exclusive under-slung steel body supports, featuring an isolated-mount system that reduces torsional stress and road shock from being transmitted through the body. The under-slung design prevents compartment floors from sagging after years of use and is only available from Pierce. This substructure support system is so reliable it has a 10-year, 100,000-mile warranty against structural failures. We also offer extensive options on our aerial bodies. Customize it the way you want, to work the way you need.



***A command center. A staging area.  
An emergency room. Each steel platform's  
basket is engineered to multitask.***



Whether you're dealing with a crowd of firefighters, loads of equipment, or even immobilized victims, things can get pretty tight up there.

Fortunately, Pierce® baskets are the roomiest in the industry. Every square inch has been designed to improve your safety and help you perform at your peak.

- At 22 square feet and 18 square feet, they can carry a rated load capacity of 1,000 lbs., plus accessories.
- Every foot is working space. And Pierce's Lyfeline™ exclusive accessories – including ladders, hoists, stokes baskets and rappelling arms – are mounted on the front side of the basket, thus freeing space inside.
- Take command of your control console. The modular design features a tether cord to maximize operating locations within the basket.
- Swing-in doors eliminate the need for a gate, so firefighters can quickly and easily step onto the large, 17" wide self-draining deck (steel only).
- A fully illuminated basket interior lets you see what you're doing.
- Easily access the basket from the ladder.
- Lifting-eyes underneath the basket simplify rope rescues.
- Rubber bumpers protect your basket and soften any impact.
- The enclosed basket offers a heat shield for firefighter protection.
- The Pierce basket leveling system allows for smooth, precise leveling throughout the full range of aerial operation.
- On midmounts, front overhang doesn't impair driver and officer visibility.



***Pierce aluminum aerial platforms.  
Built for the long, tight, unforgiving haul.***



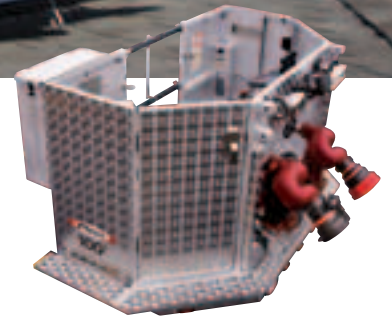
*Pierce® aluminum aerials maintain maximum horizontal reach regardless of the degree of angle the platform operates within, anywhere between -11.5 to 76 degrees.*



**Reserved for those who demand the ultimate in below grade operation and setup adaptability, our rear-mount 100' aluminum platform lets you access the basket without even extending the ladder.**

**It has an impressive rotation of 235 degrees at -11.5 degrees ground level. All without raising.**

**With greater sweep capabilities and overall maneuverability, Pierce's rear-mount aluminum platforms simplify getting to the scene and back again.**



Aluminum Basket Features:

- Ergonomic design for better access and operation
- Angled doors
- 8" walkway on sides
- Single/dual monitors
- Moveable controls
- All Lyfe® accessories available



**WE DIDN'T JUST BUILD A BETTER BASKET.  
WE BUILT BETTER WAYS FOR YOU TO MONITOR, ACCESS AND CONTROL IT.**

Command Zone™ electronics provide an active-load chart, breathing air status, tip temperature, waterway flow, rung and ladder alignment, aerial height, extension, reach and other critical information in real time, both at the turntable and in the basket. It's all available on a large, easy-to-read screen.

Command Zone even provides collision avoidance to prevent damage to the cab or body. You get the information you need, when you need it, where you need it.

The trip up the ladder may be performed under the worst conditions: You've got to move quickly and confidently. That's why we've routed all cables outside of the walk area for clean step surfaces. All steel ladder rungs are covered with photo luminescent rung covers for better visibility during egress and improved step resistance.

In the chaos of an emergency, you need reliable controls. We positioned electronic-over-hydraulic controls in the basket and at the turntable. These three-speed aerial controls have manual hydraulic overrides as standard equipment. And the advanced outrigger systems that come with every platform model stabilize your rig while you do your job.

*The stabilizer control box is rugged and easy to operate. When mobile, simply use the available wireless remote aerial controls.*

## **Reach high. Reach low. Even at extended angles.**



There are many reasons why Pierce® rear mounts and mid mounts are so popular. Pierce platforms are measured per NFPA 1901 and have a true reach of 85' and 100' on rear mounts, and a full 95' on mid mounts. Whether you're extended below grade or at maximum height, all Pierce platforms help you perform like no other in today's toughest environments. Delivering an impressive 1,000 lb. rated dry load capacity and 500 lb. rated capacity when flowing 2,000 gpm, even in 50 mph winds and 1/4 inch of ice buildup, every truck is prepared to handle the most extreme situations.

When the stabilizers and aerial are in use, the welded torque box withstands all torsional and horizontal loading. It also reduces stress to the chassis and body while increasing durability. H-style leveling assist stabilizers let you set up easily. Tight spot? Short-jack on one side; work to full capacity on the other. Since only two stabilizers must be fully deployed to begin action on a single side, you can save precious seconds on uneven terrain. Pierce platforms perform at full capacity on slopes up to ten degrees. You can lower the stabilizers a full 18" to set up on virtually any terrain and operate reliably, even on a severe grade.

### **NEVER COME UP SHORT**

When it comes to setbacks of buildings, working at maximum capacity can make the difference between getting the job done or not. That's why Pierce aerial platforms maintain maximum horizontal reach and angle at every capacity – people, water flow, wind, ice and tip/equipment allowance. We even engineer our ladders for 20 years or 100,000 miles of consistent strength, stability and performance.

Whether steel or aluminum, Pierce aerials maximize reach, design flexibility, user options and capacity (like our 500 gallon water tank). We work to assure you're getting the platform that meets the specific needs of your department.



**Optional LED rung lighting**

***Midmounts: The lower ride to higher performance.***



***Sky-Arm: Go above. Beyond. Around. And even below grade.***



With just 9' 10" of overall height, the Pierce® 95' midmount aerial platform is perfect for low-clearance fire stations, bridges and other potential obstructions.

And, thanks to a short overall travel length of just 45', you can take Pierce midmount aerials almost anywhere.

It doesn't compromise on capacity, either. You can get a full quint rating and haul 300 gallons of water. Store up to 1,000' of hose, which you can access without having to unbed the aerial device. Carry an excess of 115' of ground ladders (exceeding NFPA standards).

The optional 10' 8" overall height provides 38 more cubic feet of storage space than the 9' 10" version.

Deliver a consistent flow of water with a 2,000 gpm pump. The pumphouse features stainless steel piping, all-electric valve controls and a standard pressure governor.



There's an obstacle between you and where you need to be. Or maybe you need to go below grade for a river rescue.

That's why we built the Sky-Arm®. This four-section, 100' articulating platform goes around obstacles such as parapets and roof lines. It fits into cramped spaces, because the fourth section can be articulated while the aerial is bedded. And the basket itself pivots 22 degrees to either side.

The Sky-Arm has a 750 lb. rated load capacity when dry, and a 500 lb. capacity when delivering a serious flow of 1,000 gpm.

*Aerial platforms are complex devices. So you need a team that will stand behind you and your equipment. We offer comprehensive training to help your department understand how to take advantage of our platforms' many capabilities. We back every Pierce® aerial with the strongest dealer sales and service network and in-house support team in the business, providing true 24/7 support.*

*Our warranties demonstrate the strength and durability you need for peace of mind. For example, the structural warranty on our aerials is for 100,000 miles or 20 years.*



*We prevent issues before they arise. We make regular maintenance easy in all kinds of ways. For instance, we use stainless steel hardware for corrosion resistance and non-grease sheaves, and we locate hydraulic filters where you can get at them.*

*Call your Pierce dealer. We're ready to help you build the highly-customized aerial that is best for your community, safer for your crew and stands up to every challenge.*