

# ReChassis your Aerialscope and save hundreds of thousands of dollars!

**Then:**



As the manufacturer of the Aerialscope product and Aerialscope genuine replacement parts, Seagrave offers an alternative to replacement of your existing Aerialscope through a total refurbishment program to extend the life of your aerial device.

- The existing booms, platform, superstructure, waterway, outriggers and cylinders will be fully disassembled, inspected by third party, then overhauled and refinished.
- The electrical system will be updated with our state-of-the-art aerial controls and NFPA interlocks. New hydraulic system including new swivel, pump, tank, all hoses, and reel will be installed.
- Our new body structure and torque-tube will be installed on a new Marauder II chassis.
- Choice of engines up to 500 HP which is a significant improvement over the original Mack power
- Seagrave offers chassis in 6x4 or 4x2 configurations.

**Contact Seagrave's Refurbishment Department for more details on this exciting program!**

**Now:**



**Raritan Fire Department, Relief Hose Company #2** Raritan Borough, New Jersey

Aerialscope refurbishment with current generation electrical and hydraulic controls and a new Seagrave Marauder II chassis and stainless steel body.

## Refurbishment, Conversions, NFPA Updates on Most Types of Apparatus

At Seagrave Fire Apparatus, we can refurbish and/or update your tired aerials, pumpers and rescues to "like new" condition for a fraction of the replacement cost. All work is done at our Factory Service Facility by dedicated and skilled technicians to ensure your satisfaction. Progress photos are furnished throughout the project and inspection visits are always welcomed.

Comprehensive refurbishments, conversions and updates are available at competitive prices. Plus, all work done is backed by the Seagrave warranty. Seagrave can even provide financing for your apparatus refurbishment project.

### Repair/Replacement Services

- Aerial turntable controls
- Cab and body restoration
- Chassis components
- Collision damage
- Cosmetic (paint and lettering, etc)
- Fire pump and controls
- Hydraulic cylinders and valves
- Suspension/conversion
- Turntable swivels
- Waterway rebuild
- Wiring — 12V, 120VC, 240V
- Weatherproof, color-coded nameplates

### Conversion Services

- Auxiliary braking device
- Glider kit
- Intercom/electrical reels
- Ladder slide assemblies
- Ladder rollers to slide blocks
- Re-chassis/re-power
- Water tank replacement

### Upgrade Services

- Add breathing air to tip (on compatible designs)
- Add 120 volts to tip (on compatible designs)
- Add foam systems

### NFPA Update Services

- Aerial ladder refurbishment
- Aerial overload alarm
- Cab enclosure conversion (open cab to four door)
- Color-coded pump panels
- Interlock systems
- Load manager — sequencer
- Proximity alarms
- Reflective striping/chevron
- Siren and speaker relocations
- Slow-close valve controls
- Warning lights, LED conversions

- Data recorders
- Seatbelt alarms
- Helmet storage
- Tire pressure monitor system

### Financing

- 1, 3, 5 and 7 year programs available
- Prepayment discounts available
- Performance bonds

### Seagrave Service

Seagrave Fire Apparatus are sold and serviced by a nationwide, factory-trained dealer organization that is readily available to assist with all your service and technical support needs for the total Seagrave product; including cabs, chassis, bodies, pumps, ladders and aerial components. In addition, these professionals can help with specifying all the many features and options on your new custom Seagrave. Your local Seagrave dealer can be identified on the Seagrave web site, or by calling us.

### Seagrave Financing

- Choose any of several attractive prepay options that serve to lower acquisition cost
- Seagrave can provide lease-purchase financing tailored to any Fire Department budget
- Proposals are immediate and easily understood



## Aerialscope II

75' or 95' Tower Platforms



**Seagrave**  
*Since 1881*

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Clintonville, WI  
www.seagrave.com

## Aerialscope II

Premier Aerial Platform of the Industry



- 75' or 95' Tower Platforms
- Superior greaseless boom design
- 1000 lb. Tip Load While Flowing 1000 GPM, **UNRESTRICTED**
- Seagrave Custom Chassis with Stainless Steel Cab
- Stainless Steel Body with Torque-Tube Mounting

# Aerialscope II

Years of experience coupled with innovative design make the Aerialscope II the safest, toughest, and most efficient choice on the market.

## Tough Chassis Components

- 4.1m RBM variable section frame rail with full-length liner
- Dana D2000 23,000 lb. front axle with drum or disc brakes
- Meritor RT52-185 54,000 lb. rear axle with drum or disc brakes.
- Meritor HN522 54,000 lb. rear suspension
- 500 HP+ engines
- 85 gallon stainless steel fuel tank
- 22" or 17" bumper extension

The Aerialscope II is available only on the Marauder II chassis with stainless steel tilt cab in 130" or 140" lengths.

- 130" Marauder II will provide a 236" wheelbase
- 140" Marauder II will provide a 246" wheelbase



Dedicated to superior quality since 1881



*The Aerialscope II is rugged, safe and easy to use. It is a tough, dependable and highly maneuverable machine.*

- Overall height is less than 130" on 75' or 95' tower platform
- Turning radius is 40'5" for both 75' and 95' tower platform
- Boom extends 9 degrees below grade to 75 degrees above grade
- The platform can rest on the ground 36' from the truck
- Lift capacity of the platform is 1500 lbs.
  - 1000 lbs. with two personnel in bucket
  - 5000 lbs. with boom retracted
- 2000 GPM waterway

## Torque Box Design

- Carries turntable load to outriggers
- Transmits load of boom support cradle to frame rails
- Stiffens frame rails for best ride
- Provides enclosed storage for ladders with vertical orientation

## Hydraulic Pump

- PTO Driven with hotshift control
- Large capacity, load-sensing design allows all aerial functions to operate simultaneously at normal speed
- Smooth operation at just 1400 RPM
- Hydraulic generator pumps mount to the back of the aerial pump, up to 30 kw

## Fast Setup

### Stability — It's in the Footprint

- Four vertical stabilizers
- Two radial outriggers (tormentors)
- Vertical stabilizers have a "rods down" design
- Lights assist in rapid spotting and deployment of tormentors
- No grease required on tormentor pivot with polygon bushings and corrosion-protected, heat treated pivot pins

## Jack Pad Storage

- Front pads are stored in either a bumper compartment (22" only) or under the bumper
- Rear pads are stored conveniently in under-body brackets, where used

## Easy access



- 12 VDC panel is located in right side forward body compartment



- Outrigger controls on outer hinged panel, overrides on inner panel, both located in left-side forward body compartment
- Optional outrigger control panel in right-side forward body compartment

## Turntable

- Same size for both 75' and 95' towers
- Street-side access
- Full-service access pedestal control station



## Turntable Console

- Driver's side of turntable, facing the platform
- Convenient height and user-friendly layout
- Hinged panels provide easy access for inspection and maintenance
- Three individual control handles allow for single or multi-function operation

## Rescue Confidence

- Two rotation drives reduce backlash and increase smoothness of rotation system
- Rotation system allows for precise placement of the platform



## A Platform Designed for Rescue

- Curved-contoured design enhances positioning of platform for rescue
- Curved doors with a slam latch that open inward and outward
- Platform is surrounded by an 8" minimum non-skid tread walkway with bump-out at gate entrance
- User-friendly, single joystick controls flight and landing
- Joystick placement allows for continuous rescue path
- 15 sq. ft. grated floor
- Electronic platform leveling with battery backup



- Two skid rests on the underside of the platform protect waterway and lighting



- Easy access onto the platform from ground, window ledge, or building roof

## Water Delivery

- Flow rate is 1000 GPM without restrictions, 2000 GPM with monitor stops set to 45 degrees above the horizontal
- Single or dual, manual or electric monitors available



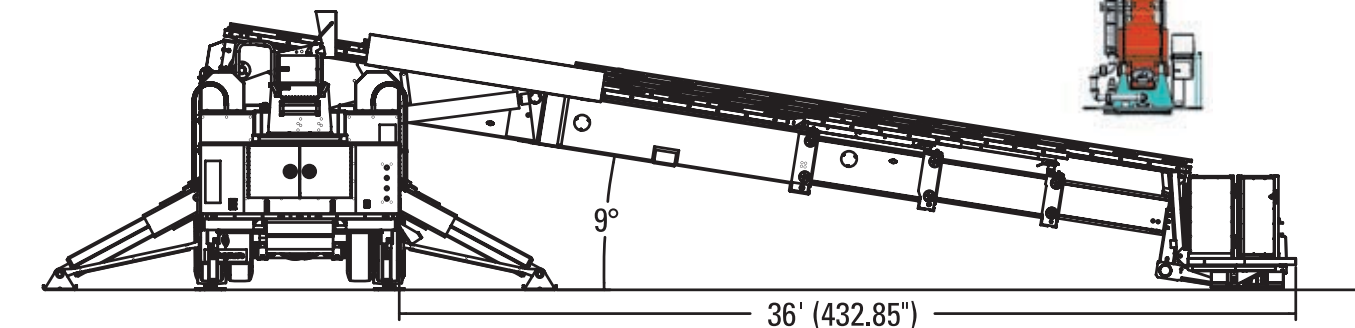
## Generous Cat Track

- Carries all auxiliary systems to platform and crew
- Maintains conductors inline preventing operating issues
- Cat track nests neatly when boom returns to nested position

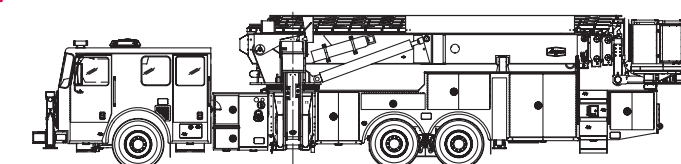


## Greaseless Four-Section Box Boom

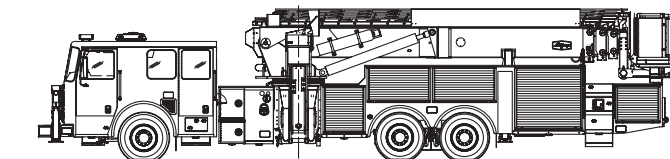
- No grease required on boom sections with Teflon impregnated wear pads
- No grease required on boom pivots
- Lift cylinders same mounting and length for 75' and 95'
- Long boom section overlaps lower hydraulic pressure requirements during retract and full extension
- Easy to service and maintain
- No cables to adjust or replace
- Immediate operator confidence and operating skill
- Fast setup time



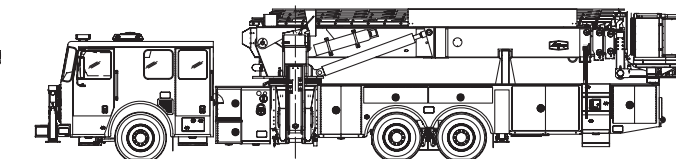
## Aerialscope Body Styles (95' shown)



Low-High Configuration with lap doors



High-High Configuration with roll-up doors



Low-Low Configuration with lap doors



## Storage Compartments

- Variety of compartment arrangements
- Hinged stainless steel or ROM aluminum roll-up doors
- Optional air bottle fender compartments
- Tool boards, adjustable shelves, custom storage bins, divider walls and roll-out trays are available to maximize compartment space
- Combined storage up to 375 cu ft



## Ground Ladder and Pike Pole Storage

- Vertical ladder banking storage makes access easy and quick
- Additional ladder bays for two roof ladders