



WE LIFT YOU ABOVE ALL

HOW ALPHA PLATFORMS HELPED DOT DECOMMISSION THREE HARD-TO-ACCESS RADIO TOWERS IN ONE DAY

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The New York State Department of Transportation (DOT) was decommissioning old radio towers used by emergency responders along the highway and replacing them with new telecom services.

THE CHALLENGE

Several radio towers were located in the woods along busy Interstate 495, with no access from the ground below. Interstate 495 is one of the busiest in the nation, and could not be closed for a long time without creating major disruptions to the entire New York City area.

DOT was looking for innovative height access equipment that could quickly and safely lift a technician to the radio tower to disassemble the radio stations and take the equipment down without blocking the traffic for hours.

THE SOLUTION

DOT hired Alpha Platforms to remove radio equipment using an operated aerial boom rental. The [A-230](#) was dispatched, capable of reaching heights of 230 ft, but more importantly, can provide a side reach of up to 115'. The boom needed to reach up and over the side of the road into a patch in the woods. Available JLG lifts didn't have the required side reach, and delivery and removal of a self-propelled lift on I-495 would have required more time than setup and removal of the A-230, extending traffic obstruction.

Our A-series aerial boom lifts are ready to work within 10 minutes of arrival on site. The full-time IPAF-certified lift operator enabled the telecom technician to focus solely on the job at hand.



THE OUTCOME

Once the technician accessed the tower with all his tools, he removed the tube cover, placed it inside the A-230's 12'-long work cage, and disassembled the unit. The 12-ft-wide cage carries 1,322 lbs., allowing to easily lower all the removed parts and equipment to the ground in one run.

With the support from the Alpha Platforms full-time lift operator, who drove the A-230' lift from job site to job site, the DOT telecom technician was **able to complete radio equipment removal on all three hard-to-reach towers on the same day**, reducing project duration and traffic disruption by at least 3X.



Our precise German-made lifts and an all-inclusive operated rental service are the height access method of choice for hard-to-access structures or at extreme heights, as they combine unmatched productivity with safety and comfort.



To try the same world-class service and equipment, just call or email:

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