

# MEET HAAG'S AERIAL DEVICE EXPERT



Haag Engineer **Anthony E. Bond, P.E.** specializes in determining the causes of aerial device accidents: **boom lifts, scissor lifts, vehicle-mounted lifts, and towable trailer lifts.**

## Accident investigations:

- **Tip-over Hazards-** overloading platform, positioning device on incline, traveling off surfaces, traveling over depressions, positioning device over unstable ground, and operating device in windy conditions.
- **Crushing Hazards-** operators caught between the platform and objects, such as roof trusses, structural beams, bridges, or other overhead obstacles.
- **Striking Hazards-** operators impacting themselves against structures while traveling; operators or devices stuck by a vehicle, crane load, or falling object.
- **Electrocution Hazards-** operator, boom, or platform contacting energized power lines.
- **Falls-** operators falling or being ejected from platform.
- **Component Failures-** valves, pumps, cylinders, bolts, cables, and chains.
- **Structural Failures-** booms, pedestals, carriers, and outriggers.



Mr. Bond is an active member serving on A92 subcommittees for manually propelled, self-propelled, and boom-supported aerial work platforms and under bridge vehicle-mounted inspection work platforms: ANSI A92.20 Design, ANSI A92.22 Safe Use, and ANSI A92.24 Training to Operate, Inspect, and Maintain.

For immediate assistance with an aerial device accident or inspection, call 281.797.8297 (cell) or email [TBond@HaagGlobal.com](mailto:TBond@HaagGlobal.com).



## Anthony E. Bond, P.E.

Mr. Bond joined Haag Engineering in 2008 and has 20 years of active involvement in the aerial device industry. He is a licensed Professional Engineer in 26 states.



He specializes in determining the cause and extent of aerial device accidents and responsibilities of involved parties (manufacturer, owner, dealer, user, operator) as defined by aerial device national consensus standards. He testifies in depositions and trials as an aerial device and crane expert.

Mr. Bond gained valuable experience from his employment as a design engineer and engineering manager for over 14 years with an aerial device and crane manufacturing company. His structural designs and analyses include booms, pedestals, carriers, and outriggers, as well as hydraulic cylinders. Designs also include hydraulic, electrical, and control systems for product development of aerial devices. Under his direction as an engineer manager, the research and development team fabricated and assembled prototype models for testing prior to releasing new aerial device models for production.

## Anthony Bond, P.E.

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