

Summary Statement

Robin Cox is a licensed Professional Engineer with more than ten years of experience specializing in structural assessment, forensic engineering, and telecommunications infrastructure. His work spans detailed investigations of residential and commercial buildings to evaluate damage from wind, hail, fire, moisture intrusion, and foundation movement. Robin has led engineering teams and managed inspection programs for communication towers, performing structural, post-construction, and maintenance assessments. He brings extensive field investigation and project management experience, along with a strong record of delivering clear, actionable engineering reports tailored to client needs. Known for his focus on safety and effective communication, Robin helps clients understand the causes of damage and navigate complex challenges with confidence.



Employment History

06/2025 – Present: FEC

09/2023 – 06/2025: NV5, Inc.
Forensic Engineer

10/2014 – 08/2023: Tower Engineering Professionals
Department Manager
Project Manager
Project Lead
Engineering Associate

Education

Bachelor of Science,
Aerospace Engineering (Aeronautics),
Mississippi State University, 2014

Registrations & Licenses

Professional Engineer
TX, OK, LA, MS, AL, GA, FL

Other Certifications

TX Mold Assessor Technician
AWS Certified Weld Inspector
ASNT Level II Ultrasonic Inspector
ASNT Level II Magnetic Particle Inspector
FAA Licensed Remote Pilot

Featured Project Experience

Wind and Hail Evaluations, Single and Multi-Unit Residential Structures, Multiple locations, USA.

Structural investigation to determine the extent of wind and/or hail damage to asphalt shingle, metal, clay tile, concrete tile, slate roofing, various finish and cladding systems at hundreds of single-family and multi-unit residential structures. The evaluations included detailed observation and documentation, interviews with owners, testing shingle adhesion, evaluation of hail impact sites, reviewing available weather information, and reviewing aerial imagery.

Wind and Hail Evaluations, Commercial Structures - TX, LA.

Structural investigation to determine the extent of wind and/or hail damage to commercial roofing (e.g., metal panel, TPO) at structures in Texas and Louisiana.

Fire Assessments – TX, OK

Assessment of single-family residences for the extent of fire-related distress.

Water Intrusion - Multiple locations, USA

Determined cause and origin of water intrusion such as plumbing failures and storm created openings.

Vehicle/Tree Impact – TX, OK, GA

Assessment of impact-related distress to various structures.

Featured Telecom Experience

Communication Tower Inspections

Performed structural inspections and condition assessments to evaluate tower safety and ensure compliance with industry standards. This work included routine evaluations to help clients plan maintenance and manage infrastructure risks effectively.

Post-Construction Evaluations

Inspected communication towers after upgrades or new construction to confirm quality and safety requirements were met. Provided clear documentation to verify workmanship and support client project closeout needs.

Structural Mapping and Reporting

Created detailed tower maps, including complete layouts and equipment locations, with clear documentation for client use. These mapping reports supported design planning, structural modifications, and regulatory compliance.