



# SAFE

STADIUM AND FACILITY EVALUATION

[www.rts-safe.com](http://www.rts-safe.com)

## How SAFE Uses Drones to Inspect Your Sports Lighting Structures

After several years of flying sports lighting structures, SAFE (Stadium and Field Evaluation) can attest to the importance of drones to this industry. Having aerial capabilities allows SAFE to not only quickly take photos of any issues, but also allows us to do this in a safe manner from the ground. No climbing of your structure is required and no cost for lift equipment.

Prior to flight, SAFE does a thorough preflight checklist to ensure a safe and exceptional inspection for our customers. Most importantly, SAFE also ensures that the site is not in an active airspace of an airport, and if it is we obtain the proper authorizations and follow all FAA Part 107 regulations.

SAFE's aerial inspection method of procedure (MOP) is simple but effective. Our MOP starts at the bottom of the structure with the camera pointed downwards at a 45-degree angle. The drone increases in altitude at a constant rate while photos are being taken manually or in intervals. At the top of the structure, we are inspecting the luminaries, connections, climbing components, and support platforms. While at the top of the structure, we can direct the drone to look down at a 180 degree angle to get a full view of the structure. After the one side of the structure is done, we position the drone 90 degrees either direction of the structure and slowly decline in altitude with the camera being adjusted accordingly to see every section and attribute of the structure.

SAFE has the expertise to help you navigate the complicated process of ensuring the structural integrity of your structures and improving your facility's lighting. No corners cut, no guesswork - just experience and quality combined to guarantee project success. Learn more about how we can help you achieve your lighting and structural safety goals - call **570-359-3293** or email [sales@rts-safe.com](mailto:sales@rts-safe.com) today.

