

FOCUS UAS

Focus Unmanned Aerial Systems

"The Power of Performance" Focus



Local Law II

New Construction mandates

Work Confirmation

Link Aviation

Infrastructure Management

THE FUTURE OF INFRASTRUCTURE MANAGEMENT

Unmanned aircraft systems (UAS) are quickly emerging as the new technology helping businesses discover new ways to improve efficiency and operating margins. Focus UAS will be the gold standard in this industry.

To design, establish, and implement. Focus UAS is an Unmanned enterprise and Technology based systems, solution provider. Our solutions will be definable, executable, and expected. Our solutions will gather real-world infrastructure based statistics, which lead to correct intelligence for our clientele. Our collective high-quality 4K and above image-based sensors; multi-palette thermal radiometric solutions, Corona, LiDar and all-weather carbon fiber UAS obtain critical data through remote aviation, maritime and ground-based technologies, allow us to be a premier infrastructure inspections firm concentrating

on commercial rooftops, facades, roadways, bridges and construction projects. Focus UAS was established to revolutionize infrastructure inspections in the air, sea, and land. We are a part of globally transforming the way the world collects critical statistics on capital projects, views qualitative data, implements actionable intelligence, and provides real-world data to fix real-world problems. It's not enough to take and analyze pretty pictures. It takes the knowledge and know-how to acquire, interpret adequately, and present data that can invoke real-world decisions.

We are certified, highly-regarded drone professionals. We are recognized as THE knowledge leader, gold standard and industry development expert in this field. There is no place to go, but up! Go with FOCUS UAS!

Gerald F. Poe Jr
President & CEO
FOCUS UAS

Mayhew Cuthbertson
VP - COO
FOCUS UAS

The Market

Focus specializes in these types of capital infrastructure projects especially those newly identified in NYC regarding local law 11.

We have a detail approach and process for ensuring these buildings are audited, inspected, and provide work confirmation verification to the municipal that the work has indeed been done and confirmed.



FOCUS-DELIVERED CUTTING-EDGE LEADERSHIP

As the infrastructure in our aging cities begins to deteriorate at a record pace. The current administration to include local, municipal, state, and federal agencies are starting to allocate billions of dollars to rebuild America. Infrastructure spending is being reported on all news outlets, and projects are beginning.

Being drone-based infrastructure and technology professionals who have spoken on Capitol Hill several times on behalf of the drone industries, Focus are leaders in inspecting, mapping, and auditing decaying infrastructure. Focus UAS with seasoned property management and construction professionals across the country have targeted New York to spearhead its efforts in the rebuilding of America because of NY's Local Law 11, building/property tax law assessments, new construction mandates, aging bridge report card. With the tragic deaths of several of NY's finest from falling facade debris from a building that had past its inspection point, Infrastructure inspections are necessary.

All of our pilots are ADO, Advanced Drone Operators: While drones present a myriad of opportunities for enhancing data collection, to take full advantage of this technology, it has become increasingly complex yet necessary. ADO's are FAA certified remote pilots that can operate at an enhanced flight control and sensor dependent level. ADO's are required to facilitate premium flight missions. They must have a model performance record to utilize these technologies adequately, efficiently through inclement weather response/Inspections, FAA airspace requirements, and advanced detailed sensor output forensics.

OUR SERVICES

Pattern specific autonomous programmed flight pathing. This ensures the entirety of the building is sensor exposed(4k Plus photo is taken)

- *We are also able to produce detailed 3d models of the building, job site, and structure.*
- *Once the images are collected, they are then stitched, compiled with modeling and forensics software.*
- *Qualitative data is then supplied through a pdf and online customized closeout package for engineering review*

- *High-Quality 4k/6k Images resolution from all vantage points*
- *Dual and personalized thermal palettes are utilized in the rainbow, white-hot, and others to ensure the slightest details in cracks, breaks, and water damage is identified, captured, and reported.*
- *We also use in specific situations LIDAR both ground and Airborne to ensure the most particular abnormalities are recognized.*
- *Realtime Flight Link aviation (Remote monitoring of the flights in real-time to the engineering Firms) and Progress reporting*
- *Accurate real-time distance, area, volume, and mass ground area measurements*
- *Full Capacity/Full Building / Facade Inspections / Air conditioner, and Over the roof, aesthetics are captured, identified and documented by GPS location, height and distance from the ground*
- *High 1080 resolution videography. HQ Photos eliminate the need for ladders, scaffolding, tower/building climbers, etc.*
 - *We implement a safety first flight policy*
- *All sorties are cost, time-efficient and scheduled with the local fire department for high rise inspections*

Safety: It is the basic principle ingrained in everything we do. Every mission we fly, we first evaluate the mission profile for each flight and use specialized criteria to weigh the operational risks before each launch.



PROFESSIONALS

Focus UAS utilizes new and innovative inspection technologies are here to assist. Our specialized fleet of Drones and other non-destructive testing devices are part of a variety of tools that are shaping the future of infrastructure inspection and helping improve project safety, reduce costs, again, utilizing more efficient and sustainable methods.

Local Law 11, New construction mandates, bridge, and tunnel decay are all areas that Focus UAS can assist in providing targeted; detail oriented qualitative data, truly actionable intelligence so that engineering firms, construction developers and municipalities have what's necessary to make educated decisions on the rebuilding of aging infrastructure.



Commercial Services



Mapping & Surveys



Training



Aerial Security



Disaster Response



Consulting Services

