

WWW.LUMOVAERIALMEDIA.COM



LUMOVA
AERIAL & MEDIA

“ELEVATE YOUR VISION”

 @LUMOVAERIALEMEDIA

 @LUMOVAERIALEMEDIA

 @LUMOVAERIALEMEDIA





WHO WE ARE

“YOUR TRUSTED AERIAL PARTNER”

Lumova Aerial & Media is a FAA-certified drone service provider based in Kansas City, Missouri. We specialize in providing high-quality aerial photography and videography services for a variety of applications, including real estate, construction, events, and more.

Our experienced team of drone pilots and technicians are committed to providing the highest level of safety and quality assurance for all of our projects. With our state-of-the-art drones and advanced editing software, we are able to capture stunning aerial footage that will help you tell your story in a unique and captivating way. Contact us today to learn more about how we can help you with your next project.

OUR SERVICES

WWW.LUMOVAERIALMEDIA.COM



KANSAS CITY'S DRONE SERVICE PROVIDER

Ready to elevate your projects with Lumova Aerial & Media? Don't miss the opportunity to harness the power of advanced drone technology and expertise. Contact us today to discuss your specific needs, request a quote, or schedule a consultation. Let's embark on a journey to transform your visions into reality. Elevate your perspective with Lumova Aerial & Media – Your Trusted Aerial Partner.

AERIAL PHOTOGRAPHY & VIDEO

DRONE SURVEYING SERVICES

3D MAPPING AND MODELING

INDUSTRIAL INSPECTIONS

REAL ESTATE MARKETING

EVENT COVERAGE

AERIAL PHOTOGRAPHY

WWW.REALLYGREATSITE.COM



OUR SERVICES: AERIAL PHOTOGRAPHY

Unique Perspectives: Aerial photography provides a fresh and unique perspective that's simply unattainable from the ground. It allows you to capture stunning, bird's-eye views of landscapes, properties, and events, offering a visually captivating story.

Comprehensive Coverage: Aerial photography enables you to capture vast areas in a single frame. Whether you're documenting large real estate properties, monitoring agricultural fields, or showcasing event venues, it ensures comprehensive coverage without missing any crucial details.

High-Quality Imagery: Our aerial photography services utilize state-of-the-art equipment, such as the DJI Matrice 300 RTK and advanced camera payloads. This ensures high-resolution and crystal-clear images that are perfect for marketing, analysis, or simply appreciating the beauty of a location.

Enhanced Marketing: Aerial photography adds a professional and captivating element to marketing materials. It's an effective tool for real estate listings, tourism promotions, and showcasing the unique features of your business or property.

AERIAL VIDEOGRAPHY

WWW.REALLYGREATSITE.COM



OUR SERVICES: AERIAL VIDEOGRAPHY

Dynamic Perspective: Aerial videography provides a dynamic and captivating perspective that conventional ground-level videography simply cannot match. It immerses viewers in a scene by offering breathtaking aerial shots that grab attention and engage the audience.

Cinematic Quality: Thanks to advances in drone technology and high-resolution cameras, aerial videography delivers cinematic-quality footage. This means your videos will have the professional, polished look necessary for marketing, storytelling, or entertainment purposes.

Enhanced Storytelling: Aerial videography adds depth and context to your storytelling. Whether you're creating promotional videos, documentaries, or event coverage, it helps convey the scale and surroundings of your subject, making your story more compelling.

Creative Freedom: Aerial videography provides creative freedom to filmmakers and content creators. It allows for unique angles, sweeping panoramas, and tracking shots that can transform your video projects into visually stunning works of art.

Versatility: Aerial videography is versatile and applicable across various industries and purposes. It's commonly used in real estate for property tours, tourism to showcase destinations, and in film production for establishing shots and action sequences.

DRONE SURVEYING SERVICES

WWW.LUMOVAERIALMEDIA.OM



OUR SERVICES: DRONE SURVEYING SERVICES

Unparalleled Accuracy: LiDAR (Light Detection and Ranging) technology offers unmatched precision in surveying. It enables the capture of highly accurate 3D data points, making it ideal for applications that demand precise measurements, such as land surveying, topographic mapping, and construction site analysis.

Speed and Efficiency: Drone LiDAR surveying is significantly faster than traditional surveying methods. Drones equipped with LiDAR sensors can cover extensive areas quickly, reducing project timelines and costs while increasing overall efficiency.

Comprehensive Data: LiDAR surveys provide comprehensive and detailed data about the surveyed area. This data includes elevation information, ground contours, vegetation density, and structural details, allowing for a thorough understanding of the site.

Versatility: LiDAR-equipped drones are versatile and suitable for various industries and applications. They are used in forestry, agriculture, mining, infrastructure development, and environmental monitoring, among others.

Safety: Drone LiDAR surveying eliminates the need for personnel to work in potentially hazardous or hard-to-reach locations. This enhances safety for both surveyors and the surrounding environment.

Cost Savings: Although LiDAR technology is advanced, it often results in cost savings over the long term due to reduced labor and fieldwork requirements. It also minimizes the need for return site visits since the collected data is comprehensive and detailed.

Accurate Assessments: LiDAR surveys provide critical data for accurate assessments of land, structures, and assets. This information is essential for making informed decisions in industries such as real estate development, infrastructure planning, and natural resource management.

INDUSTRIAL INSPECTIONS

WWW.REALLYGREATSITE.COM



OUR SERVICES: INDUSTRIAL INSPECTIONS

Enhanced Safety: Drone inspections reduce the need for personnel to physically access hazardous or hard-to-reach areas, improving safety for inspectors and workers.

Cost-Efficiency: Drone inspections are often more cost-effective than traditional inspection methods, as they require fewer resources and less downtime.

Rapid Data Collection: Drones can quickly capture data from large or complex structures, reducing inspection time and allowing for swift decision-making.

High-Quality Imaging: Drones equipped with high-resolution cameras and sensors provide detailed visual data for accurate assessments.

Access to Inaccessible Areas: Drones can access tight spaces, heights, and other areas that may be difficult or dangerous for humans to reach.

Real-time Monitoring: Live video feeds from drones allow for real-time monitoring of assets and structures during inspections.

Comprehensive Data: Drones can capture a wide range of data, including images, videos, thermal imaging, and LiDAR scans, providing comprehensive insights.

Preventive Maintenance: Regular drone inspections can identify issues before they become critical, allowing for proactive maintenance and cost savings.

3D MAPPING & MODELING

WWW.LUMOVAERIALEMDIA.COM



OUR SERVICES: 2D & 3D MAPPING

Centimeter-Level Accuracy

- The DJI Matrice 300 RTK ensures ultra-precise mapping, vital for tasks like land surveying and construction.

Swift Data Collection

- Our drones cover large areas quickly, saving you time and reducing project timelines.

Comprehensive Mapping

- Create detailed 2D and 3D maps in a single flight, providing a full view of your area of interest.

Informed Decision-Making

- Detailed maps and models empower you to make informed decisions based on accurate data.

Versatility Across Industries

- Our services cater to various industries, from agriculture to construction.

Safety and Cost Savings

- Reduce risk by minimizing the need for personnel in challenging environments.

EVENT COVERAGE

WWW.LUMOVAERIALMEDIA.COM



ELEVATE YOUR EVENT PHOTOGRAPHY WITH FVP DRONES

Unleash the power of innovation at your next event or concert with FVP Drones, your ticket to capturing stunning photos and videos like never before. Whether you're organizing a festival, concert, wedding, or corporate event, our cutting-edge drones are here to transform the way you document and relive those unforgettable moments.

OUR PROJECTS

WWW.LUMOVAERIALMEDIA.COM



CUSHMAN AND WAKEFIELD

Commercial Aerial Photography in downtown Kansas City off 18th Holmes



TOWN HOUSE APARTMENTS

Real Estate Aerial Photography of the opening of new apartment building in downtown Kansas City, Kansas



BROTHERS LIBERATING OUR COMMUNITIES

Event Aerial Photography for a non profit event located in westport in Kansas City, MO.

OUR PROJECTS

WWW.LUMOVAERIALMEDIA.COM



IMPAKT MUSIC FESTIVAL

Aerial Event Photography for a music festival located in the west bottoms in Kansas City, Mo



ISTEAMKC

Indoor Aerial Event Photography for non profit STEAM event located in 18th Vine District



ILLICIT

Indoor aerial photography for a local cannabis production facility in Independence, MO.

OUR PROJECTS



DRUNKEN WORM

Commercial Aerial Photography for local restaurant located off 39th Street in Kansas City, MO.



Event Space

THE LEVEE

Commercial Aerial Photography for a local restaurant located in Westport Business District in Kansas City, MO.



JOHNS BIG DECK

Commercial Aerial Photography for a local restaurant located in downtown Kansas City, MO



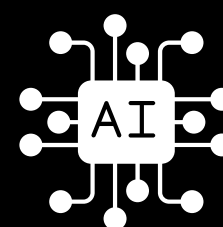
OUR EQUIPMENT

DJI MATRICE 300 RTK

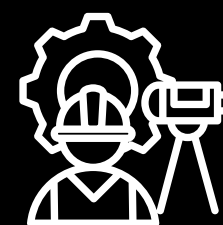
THE DJI MATRICE 300 RTK IS A COMMERCIAL DRONE THAT IS DESIGNED FOR PUBLIC SAFETY, UTILITY, CONSTRUCTION, AND INSPECTION. IT HAS A FLIGHT TIME OF UP TO 55 MINUTES AND A MAXIMUM TRANSMISSION DISTANCE OF 15 KM. THE MATRICE 300 RTK ALSO HAS ADVANCED AI CAPABILITIES AND SIX DIRECTIONAL SENSING AND POSITIONING.

55+

HR: MAX FLIGHT TIME



ADVANCED AI CAPABILITIES



RTK : REAL-TIME KINEMATIC
CAPABILITIES

WWW.LUMOVAERIALMEDIA.COM

SAFETY & COMPLIANCE

Certificate Of Insurance

Name Insured: James Freese, Aerial Media & Data
Address: 1712 Main Street, Suite 7, Kansas City, MO, 64108
Policy Period: May 05,2022 06:06 PM - May 05,2023 06:06 PM EDT
Policy Number: 600010298-01
Coverage Territory: Within the United States of America
Issuing Company: Starr Indemnity & Liability Company May 05,2022 06:06 PM EDT

Scan/Click To Validate: 

This is to certify that the policy listed here in have been issued providing coverage for the listed insured as further described. This certificate of insurance is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policy listed herein. Notwithstanding any requirement, term or condition of any contract, or other document with respect to which this certificate of insurance may be concerned or may pertain, the insurance afforded by the policy listed on this certificate is subject to all the terms, exclusions, and conditions of such policy.

Liability Limit: \$1,000,000

\$1 MILLION INSURANCE

Certificate of Achievement
This is to certify that
James Alvertis Freese
has successfully completed the
FAA Safety Team Aviation Learning Center Online Course
Part 107 Small Uas Recurrent
Course Number ALC-677
Presented by Online Courses
April 14, 2021

 **Federal Aviation Administration**
Certificate Number 1185168-20210414-00677

Valerie G. Palazzolo
Valerie G. Palazzolo, National Manager, FAA Safety Team

FAA: PART 107

UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
JAMES ALVERTIS FREESE
V ADDRESS 1350 S 98TH ST
KANSAS CITY KS 66111-1540

VI NATIONALITY USA SEX HEIGHT WEIGHT HAIR EYES
IVa D.O.B. 5 JUN 1972 M 73 255 BLACK BROWN
IX HAS BEEN FOUND PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT
III CERTIFICATE NUMBER **4397248**
X DATE OF ISSUE 18 JUN 2020

XIV *Steve D...*
VIII ADMINISTRATOR



JAMES ALVERTIS FREESE XII RATINGS 4397248
REMOTE PILOT
SMALL UNMANNED AIRCRAFT SYSTEM
XIII LIMITATIONS

VII SIGNATURE OF HOLDER *James Alvertis Freese*

UAS

FAA UAS PILOT LICENSE:



WORK WITH US



www.lumovaenergy.com



lumovadrone@gmail.com



816-679-6085

