

WHO WE ARE

NOTE: 1. Highlighted parts are extra information. 2. Waiting for inputs on the Products section.

Welcome to AmosAerospace

AmosAerospace is a forefront organization dedicated to employing advanced technologies for addressing dynamic challenges, both nationally and internationally. Our core is engineering solutions that enhance lives, spanning borders and sectors. Our mission transcends the present, aiming to cultivate an inspiring environment for future generations, guiding them towards a brighter tomorrow.

Experienced Excellence:

At AmosAerospace, we excel in harsh conditions, valuing quick thinking and ingenuity. Our experienced, battle-hardened team derives insights from the frontlines to craft innovative solutions for complex challenges!

A Cohesive Family:

We believe in the strength of unity and the power of a dedicated team. Our talented employees form the backbone of AmosAerospace, and we take pride in creating a close-knit family. Together, we continue to reach remarkable heights!

Driving Growth Together:

While growth is crucial, we gauge success through accomplishments and the positive impact on the future. Our commitment lies in crafting solutions that enhance society and promote universal growth.

Our Inspiring Journey:

AmosAerospace was born from the invaluable experience gained in the UAV industry, where our founders served as integral members of the Indian Air Force. During their time in the country's elite forces, they recognized the potential of technology and its applications. Initially focused on innovating to protect our soldiers on the frontlines, they soon realized the broader scope of using drones for commercial and developmental purposes. This realization paved the way for the establishment of AmosAerospace.

Squadron Leader Varsha Kukreti (Retd)
CEO (Chief Executive Officer)

Squadron Leader Varsha Kukreti (Retd) is a distinguished leader with an illustrious career in the Indian Air Force, commissioned in 1996. She holds a Bachelor's and Master's degree from Dehradun, India. During her tenure in the IAF, she specialized in Enterprise Resource Planning and played a pivotal role in establishing and implementing ERP systems at two major IAF bases, namely Pathankot and Bagdogra.

With a passion for aviation, Varsha Kukreti has had the privilege of piloting Kiran and MiG 21 aircraft within the IAF. Through her experiences, she firmly believes in the transformative power of the aerospace medium, recognizing it as a cost-effective and efficient solution to address various challenges beyond transportation, including defense and security concerns.

As the CEO of AmosAerospace, Squadron Leader Varsha Kukreti (Retd) leads with integrity, vision, and a profound commitment to driving excellence in the aviation industry. Her unwavering dedication to innovation and growth fuels our mission to create a brighter future through cutting-edge technology and engineering solutions.

Group Captain MJ Augustine (Retd), Vishist Sewa Medal
CPO (Chief Product Officer)

Group Captain MJ Augustine (Retd) is a highly accomplished aviation veteran, having been commissioned into the Fighter stream on 13th June 1992 and serving until his retirement in 2019. Throughout his esteemed career, he has piloted an impressive array of aircraft, including the Mirage 2000, MiG 21, Kiran HPT 32, and Airbus A320. With over 3500 hours of flying experience on these aircraft, he brings a wealth of expertise to his role as a Flying Instructor.

He has been instrumental in developing Unmanned Aerial Vehicles (UAVs), tailoring them around specific payloads to optimize performance. His approach centers around ensuring the "Right Tool for the Right Job," exemplifying his dedication to precision and effectiveness.

As the Chief Product Officer (CPO) of AmosAerospace, Group Captain MJ Augustine (Retd) plays a vital role in driving our mission to engineer cutting-edge solutions for a brighter tomorrow. His relentless pursuit of excellence and innovation elevates our product development, bringing forth advanced UAV technology that addresses a wide range of challenges.

Vineet A. Maliakal
COO (Chief Operating Officer)

Vineet A. Maliakal is a dynamic professional with a specialization in Marketing, holding a Management Studies degree. He joined our esteemed team in 2020, assuming the pivotal role of Director of Operations. A strong advocate of continuous learning, Vineet firmly believes that drone technology is a critical component of our future, and he envisions the youth as the driving force behind this transformative shift.

With a comprehensive understanding of the business landscape, Vineet actively engages in all aspects of our operations. From spearheading business development initiatives to getting hands-on with day-to-day tasks, he is deeply committed to the success and growth of AmosAerospace. His vision is to empower AMOS to become a guiding force for the youth of today, leading them into a promising future of tomorrow.

Our Team

AmosAerospace thrives on a cohesive team united by shared values and ideas. Our members bring distinct skills that synergize, fostering an invigorating work environment. Our strength lies in valuing these connections. United, we leverage individual aptitudes to create advanced solutions that better lives and society. Fueled by tech passion and unwavering commitment, our team propels AmosAerospace's mission towards a brighter future.

Our Culture and Values

At AmosAerospace, our values spring from team targets. While all organizations pursue common goals, we go beyond by collectively shaping our driving objectives. Within the AMOS family, we embrace the strength of each individual, acknowledging their pivotal role in shaping our actions and methods.

APPLICATIONS

Embark on a thrilling journey with our cutting-edge drones, meticulously crafted to ignite transformative change across diverse industries. Brace for unparalleled capabilities that propel you towards your goals with unmatched efficiency!

Anti Terror

In a tightly connected world, the global specter of terrorism endangers nations and innocent lives. AmosAerospace acknowledges the pressing call to counter this threat, and our state-of-the-art drones provide a tangible solution to confront this menace.

Innovation knows no bounds, and our drones prove that size is no limitation to their capabilities. In the realm of anti-terrorism, these technologically advanced companions become a beacon of hope, safeguarding human lives. Armed with the ability to fly, carry essential payloads, and transmit real-time data to a remote screen, our drones revolutionize reconnaissance and surveillance, rendering them faster and more efficient.

Our drones have been at the forefront of anti-terrorism efforts, collaborating regularly with the Indian Army in successful reconnaissance operations over the past few years. Boasting an intuitive design, our drones offer a seamless learning curve, enabling ease of operation even in the most challenging conditions, without requiring a dedicated platform for deployment. We take pride in offering unwavering support that extends beyond the call of duty.

AutoMicroUAS's drones actively engage with the Indian Army for reconnaissance missions. With minimal learning curve, these drones excel in challenging conditions, requiring no complex deployment platform. Our unwavering support goes beyond duty's bounds.

Border Security

Safeguarding a nation's integrity is paramount, and protecting borders against threats is fundamental. AmosAerospace understands border security's importance and provides advanced drone solutions to enhance these crucial efforts.

Traditionally, border security relied on the dedication of countless soldiers, bravely serving at the boundaries. While their commitment is admirable, ensuring their safety and well-being is equally crucial. Drones have emerged as invaluable allies, revolutionizing border surveillance, and minimizing risks faced by human personnel.

Our drones act as indispensable assets, enabling seamless movement tracking, reconnaissance, and surveillance. With capabilities like night vision and thermal payloads, they enhance efficiency even in the most challenging conditions. By deploying drones, we reduce human exposure to potential dangers, keeping their well-being intact.

The security of our nation remains our top priority, and we leave no room for compromise. Our drones are meticulously crafted with the finest and most durable components, ensuring exceptional performance in every mission. The rugged exterior build guarantees resilience, allowing for survival even in collisions or crashes.

Defense

The defense services have eternally stood at the forefront, pouring their hearts into shielding the nation and laying their lives on the line for our safety.

Every day, for endless hours, our defense forces work tirelessly to uphold the integrity of our nation and thwart any potential threats. Their selfless service is a testament to their unwavering dedication, and their lives hold immense significance for our nation's safety.

In the pursuit of demanding tasks, drones have emerged as crucial allies for our defense forces. Their role in reconnaissance missions simplifies the process of scoping out areas, providing live information and aiding in identifying terror groups' positions.

Designed to excel in demanding situations, our drones are primed for seamless deployment. Their rugged build ensures they are prepared for any challenge they may encounter. With an unpredictable landscape, our drones rise to the occasion, ever ready to support our defense forces.

Crowd & Traffic Monitoring

It's unsettlingly common knowledge that crowds and traffic hold a level of danger far beyond appearances, often resulting in catastrophic events that tragically claim numerous human and animal lives.

Whether human crowds or vehicle mismanagement, both spawn myriad issues affecting lives. Attempting to mitigate these issues solely from a ground-level perspective is not only arduous but also demands substantial human resources.

Harnessing drone capabilities, we bridge gaps left by conventional ground-level methods. Aerial surveillance furnishes a comprehensive bird's-eye view with wide-angle perspectives, bestowing unmatched situational awareness for crowd and traffic oversight. This pioneering tech trims human resource demands and augments safety in public areas and on roads.

Our drones act as vigilant guardians, curbing accidents and averting stampedes by swiftly detecting hazards and guiding authorities to preventive action. Advanced features like license plate reading bolster security, while real-time data aids quick decisions in crises. With our solutions, attain smooth crowd control, effective traffic guidance, and constant road monitoring, safeguarding public safety consistently.

Disaster Management

Disasters are nature's unavoidable events that test the cooperation and survival instincts of all living beings. However, their catastrophic essence often leads to equally catastrophic results.

Disasters, the unyielding forces of nature, challenge the cooperation and survival instincts of all living beings, leaving behind devastating consequences that demand rapid, effective responses. Managing these challenges is a vast undertaking, encompassing communication breakdowns, resource allocation, rescue operations, and restoring public trust. Amidst this dire context, the lives of first responders hang in the balance as they strive to bridge critical gaps.

Drones emerge as invaluable allies in disaster management, providing an aerial view of affected areas and empowering responders with crucial insights. With deep access and detailed assessments, drones aid in locating urgent survivors. Their swift deployment accelerates response times, enabling immediate action.

Our drones boast top-tier endurance and substantial payload capacity, facilitating the delivery of essentials like food and water to disaster-stricken zones. Extensive surveys aid in efficient rescue planning. By harnessing drone capabilities in disaster management, we bolster first responders, enabling them to swiftly and effectively mitigate disasters' impact, safeguarding lives and communities.

Forest & Wildlife

The true magnificence of our planet doesn't reside in the concrete jungles that encircle us, but rather in the vibrant tapestry of lush forests and the captivatingly wondrous wildlife that calls them home.

Forests and wildlife aren't just charming; they're vital for our planet's existence, turning their safeguarding into a paramount mission. Ensuring the health and preservation of these ecosystems directly affects our sustainability, urging us to champion their protection.

Cracking nature's code is pivotal in securing environmental conservation. Drones redefine the game by offering an elevated vantage point over forests, gathering vital intel through images, videos, and data. This aerial insight opens new doors for research, all while keeping humans out of harm's way. It's a profound tool for understanding and shielding these delicate ecosystems.

Our top-tier, robust drones boldly tackle forest terrains, generating unmatched results. They efficiently track down illegal activities that threaten these natural resources, enabling swift counteraction. As airborne guardians, our drones bolster forest and wildlife management while preserving the safety and thriving of these invaluable ecosystems. In doing so, they ensure our planet's genuine beauty persists for generations to embrace.

Oil & Gas

Oil & Gas resources are critical and invaluable entities, constituting one of the largest industries that significantly bolsters the global economy.

While these resources are essential for our daily lives, the processes involved in their production, transportation, refinement, extraction, and exploration carry inherent risks that can have far-reaching consequences.

Drones emerge as game-changers in the Oil & Gas industry, not only saving lives but also revolutionizing operational efficiency and cost-effectiveness. With the aid of drones, surveying potential dig sites becomes faster and simpler than ever, streamlining exploration efforts. Inspection of pipelines and detection of spills, heat spots, gas leakage, and corrosion now require no human intervention, saving millions in maintenance costs and ensuring swift response to potential hazards.

At AmosAerospace, our best-in-class endurance drones offer unrivaled inspection capabilities, with the ability to conduct thorough assessments for extended periods. Their robust design ensures collision-resistant operations, eliminating the risk of harm during critical tasks. Equipped with thermal payloads, our drones provide life-saving benefits, enabling timely detection and resolution of potential issues. Embrace the power of aerial solutions in the Oil & Gas industry and elevate operational efficiency, safety, and cost-effectiveness to new heights.

Mining

Mining, a labor-intensive and capital-intensive endeavor, provides us with a diverse array of valuable resources critical to various industries.

Mining extracts valuable resources from the Earth for processing into useful elements. Achieving desired outcomes while managing costs, worker safety, and health creates an optimal mining environment.

Drones offer a transformative solution, revolutionizing the mining process and streamlining tasks before, during, and after operations. From surveillance of mining sites and accurate stockpile estimation to the detection of hot spots and efficient resource management, drones make critical tasks significantly more manageable. Moreover, they play a pivotal role in enhancing the safety of laborers, reducing potential risks and hazards in mining environments.

Our advanced drones are equipped to conduct proper site inspections, providing live footage and essential data to experts and operators. These robustly built drones effortlessly access hard-to-reach areas, eliminating the need for additional labor and mitigating potential dangers associated with human intervention. By harnessing the power of aerial innovations in mining, we elevate efficiency, cost-effectiveness, and safety, revolutionizing the industry for a sustainable and prosperous future.

Agriculture

As the global population continues to soar, the consumption of our agricultural resources is escalating at an alarming rate, posing a challenge to traditional farming methods that struggle to keep up with the rising demands.

Agriculture is the bedrock of our nation's economic stability and our survival on this planet. Universal agricultural challenges persist. Fulfilling future food needs becomes increasingly difficult, countering the concept of sustainability.

Drones prove to be a game-changer in the realm of agriculture, offering a vast array of applications to address these pressing challenges. From analyzing soil quality to precise pesticide spraying, drones streamline farming practices and significantly reduce labor requirements. The ability to monitor plantations and irrigation without human intervention further optimizes resource management.

At AmosAerospace, our drones are meticulously crafted to withstand the rigorous demands of agricultural activities, including site surveillance, pesticide spraying, and crop health assessment. With a sturdy build that can endure collisions, our drones operate for extended periods, delivering unparalleled crop inspection results. By embracing drone technology in agriculture, we empower farmers to enhance efficiency, productivity, and sustainability, fostering a future where farming meets the demands of a growing population while preserving the planet's precious resources.

Construction

Construction heavily depends on surveys to assess sites and kickstart planning, but conventional methods are slow and risky.

Traditional methods often prove time-consuming, risky, and inefficient. Laborers are exposed to hazardous tasks, and the immense investment in developing and maintaining construction sites demands significant resources.

Drones emerge as a revolutionary solution, addressing a multitude of challenges in the construction industry. Unmanned aerial vehicles play a pivotal role in pre-construction involvement, streamlining tasks such as surveying, mapping, and monitoring. With drones, digital terrain modeling and logistics become seamless, empowering construction teams with comprehensive data for informed decision-making.

At AmosAerospace, our military-grade drones boast a rugged build and an impressive flying duration of over 10 hours, making site management and monitoring a breeze. Equipped with versatile payloads, including thermal and night-vision capabilities, our drones swiftly identify construction faults, enabling prompt rectification. By harnessing the power of aerial solutions in construction, we elevate efficiency, safety, and precision, revolutionizing the industry for a more productive and sustainable future.

Industrial Asset Inspection

Understanding the condition of industrial assets is crucial for every industry, but frequent surveys and complex inspections can pose significant risks to personnel involved.

Asset inspection is vital across all industries to gauge the current status of assets. Traditional methods often rely on scaffoldings and on-rope inspections, endangering the lives of workers and introducing multiple hazards.

Drones emerge as a game-changing solution in asset inspection, revolutionizing the process with their ability to fly and cover large inspection areas swiftly and efficiently. With an array of versatile payloads, drones identify faults and imperfections in various materials, all without putting human lives at risk.

At AmosAerospace, our drones boast advanced payload technology capable of not only identifying faults and defects but also providing invaluable 3D models, orthomosaic maps, and high-quality images. Our high-endurance drones enable seamless monitoring and maintenance of assets, eliminating the need for scaffoldings and ladders while operating for extended periods. Embrace aerial insights in industrial asset inspection to elevate safety, efficiency, and precision, ensuring a safer and more productive future for all industries.

Renewable Energy & Transmission

As the global population surges, so does the demand for energy, evident in the vast expansion of power lines spanning over 6.5 million circuit kilometers.

In this context, renewable energy emerges as the most sustainable technology, but its maintenance, defect detection, and installation present significant challenges. Transmission lines are the sole current power distribution source for villages, towns, cities, and nations.

Transmission lines serve as the primary means of power distribution, spanning villages, towns, cities, and countries. Drones offer a transformative solution, simplifying the installation and inspection of renewable energy sources and transmission lines. By providing a close-up view of these critical infrastructure components, drones facilitate efficient inspections and defect detection, especially with the aid of thermal payloads. Furthermore, drones eliminate the need for manned aerial surveys and hazardous on-foot inspections, significantly enhancing safety in the process.

AmosAerospace's drones are designed to deliver optimal results in inspection and installation tasks. Resistant to electromagnetic interference, our drones effortlessly conduct close-up inspections without compromising their performance. With the ability to carry multiple payloads, including thermal capabilities, our drones readily identify defects and irregularities in the structures, making them an indispensable asset in renewable energy and transmission operations.

Healthcare

In today's rapidly advancing healthcare industry, the need to incorporate new technologies is more pressing than ever.

Healthcare plays a pivotal role in every individual's life, encompassing a wide range of medical procedures, from medications to surgeries. With the rising demand for specific medical services and advice, it is evident that the healthcare sector faces new challenges and opportunities.

Drones emerge as a transformative force in healthcare, not only providing medical assistance but also revolutionizing the industry by streamlining processes and reducing workforce requirements. By accessing hard-to-reach areas, drones become lifelines, delivering crucial medicines, vaccines, and medical support to those in need. With their unparalleled reach and agility, drones bring medical help directly to the doorstep of individuals, breaking barriers and improving accessibility to healthcare.

At AmosAerospace, we firmly believe in the capabilities of our drones to overcome any challenge. Our drones are built to withstand the demands of these critical times, equipped to handle impacts and crashes that may arise. With the ability to carry heavy payloads, our drones are the perfect solution for transporting medical supplies, food, and water, making a significant impact in enhancing healthcare accessibility and efficiency.

Exploring the Artistic Skies

While TV shows and activities entertain us, a friendly flying companion opens doors to even more possibilities.

Every day, we wake up, follow schedules, and complete assigned tasks. From significant commitments to small chores, our days are filled. Yet, whether serious or trivial, the monotony can eventually wear thin, driving us to seek solace in the realm of entertainment.

Drones have emerged as a game-changer in the realm of recreation, offering unparalleled perspectives and captivating scenes with their versatile payloads. Becoming a skilled drone pilot adds an element of engagement and excitement, enabling enthusiasts to explore and capture breathtaking visuals from previously inaccessible locations. Whether it's an awe-inspiring view of a remote forest or a majestic snow-capped mountain, drones empower artists to push the boundaries of creativity and create stunning visual masterpieces.

At AmosAerospace, our drones are designed to bring your artistic vision to life, equipped with high-resolution payloads that allow you to capture the essence of nature's beauty. Embrace the boundless potential of aerial artistry, where imagination knows no bounds, and creating stunning videos and images becomes an effortless reality.

Empowering Education

Throughout history, learning has been the driving force behind human progress, and institutions enhance accessibility with essential tools.

Institutions and training centers significantly shape essential skills for everyday or professional life. They furnish the foundation for our ambitions, making them integral to learning and growth.

In this era of technological advancement, drones have emerged as a revolutionary invention with diverse applications. Integrating drones into educational curriculums is a vital role that institutions play in raising awareness about their potential. By teaching about drones, institutions not only foster proficiency in piloting but also showcase the versatility of these aerial companions, opening doors to various learning opportunities.

At AmosAerospace, we strive to make the process of learning to fly a drone a seamless experience. Our drones are built with durability and stability, transforming beginners into skilled drone pilots. With their high accessibility, our drones are perfect for educational institutions and training facilities, allowing students to explore and harness the endless possibilities that drone technology offers.

OPERATIONS

Discover how we deliver a premier product to meet diverse needs. Our offerings include comprehensive UAV training and continuous full-time support for all clients.

SOLUTIONS

Advanced Drone Solutions for Multiple Industries

Our specially designed drones offer versatile capabilities, catering to various sectors with utmost utility. From security and surveillance to delivery services, our drones redefine efficiency and productivity, making them essential assets in today's dynamic world.

Section 1: Security & Surveillance

Whether facing apparent threats or dealing with minor concerns, our drones are your reliable companions in ensuring security. Equipped with an array of essential tools, including high-accuracy tracking and 24-hour flying capabilities, our drones prioritize safety, providing unhindered support whenever you need it.

Section 2: Surveying & Mapping

With our highly customizable drones, surveying vast acres of land becomes a swift and seamless process. Realize your vision with vivid visuals, heat maps, and topographic insights,

allowing for better decision-making without squandering valuable resources. Experience efficiency and productivity at its peak with our high-endurance, military-grade drones.

Section 3: Asset & Process Inspection

When inspection becomes a challenge, our cutting-edge drones are the perfect solution. Capable of carrying thermal and LiDAR-based payloads, they eliminate hours of manual analysis, providing swift and meticulous asset inspections. Our rugged drones empower you to identify even the tiniest faults with ease and take control of the situation.

Section 4: Drone Delivery

Making lives easier, our drones redefine delivery services. Effortlessly carrying heavy payloads, they offer a reliable alternative for efficient deliveries. With unparalleled durability, our drones can handle demanding conditions, ensuring crucial equipment reaches its destination even in challenging environments.

Section 5: Drone Announcement

The power of vocal communication meets the allure of drones. Our high-endurance drones provide an engaging and effective way to deliver information or ideas to a receptive audience. No need to physically announce, let our drones take the stage, captivating the crowd and leaving a lasting impact.

Conclusion:

At AmosAerospace we take pride in offering advanced drone solutions that transcend industry barriers. From ensuring security to enabling seamless logistics and captivating communication, our drones empower you to achieve more with efficiency and effectiveness. Join us in embracing the limitless possibilities our drones bring, transforming the way we interact with technology for a brighter future.

DESIGNS

At AmosAerospace we pride ourselves on materializing ideas of change and innovation, with a strong focus on utility, efficiency, and effectiveness. Our journey towards creating extraordinary products begins with the germination of groundbreaking ideas, aiming to redefine the market with unmatched offerings.

Section 1: Innovative Ideation

The foundation of our success lies in innovative ideation, where we envision products that surpass the norm and set new standards of performance. Our passionate team embarks on a meticulous process of ideation, crafting solutions that have the potential to revolutionize industries.

Section 2: Bridging Ideas to Reality

As we progress to the product development stage, each element is nurtured with utmost care. Our primary goal is to achieve the end vision envisioned by our clients. Driven by certain guiding philosophies, we meticulously hand-craft products that exemplify excellence, tailored to fulfill your unique requirements.

Conclusion:

At AmosAerospace, we are dedicated to empowering transformation through innovation and unwavering commitment to perfection. Our products are meticulously designed, driven by ideas that challenge conventions and exceed expectations. Partner with us to embark on a journey of change, embracing products that epitomize excellence and unlock new possibilities for your success. Together, let's shape a future where innovation materializes, driving positive change across industries.

Section 1: Tailored Solutions for Enhanced Performance

Beyond traditional uses, UAVs have evolved to serve diverse applications. Our expertise lies in recognizing the potential of UAVs beyond photography and defense, leading us to develop

specialized products to meet specific utility needs. Our products aim to bridge the gap and cater to the rising demands of varied industries.

Section 2: Designed for Terrain and Weather Adaptability

While calm and open grounds may be ideal, our UAVs are crafted for real-world challenges. From tough terrains to harsh weather conditions, our products are built to thrive in adverse environments. Embracing adaptability as a core component, our UAVs conquer unpredictable conditions with ease.

Section 3: Ensuring Flight Safety and Comfort

Flight safety is paramount, and our commitment to providing ultimate control and handling reflects in every product we create. We prioritize user comfort, enabling seamless operation with a focus on ease of use. Our UAVs are engineered to inspire confidence, empowering users to achieve their goals without hesitation.

Section 4: Rigorous Testing – Battle-Ready Performance Guaranteed

Trust and reliability are vital for our clients, and we take pride in delivering rugged products that perform exceptionally. Each UAV undergoes rigorous testing in diverse conditions, ensuring they can withstand the toughest challenges and deliver top-notch performance consistently.

SUPPORT

At AmosAerospace, we understand that modern technological solutions may encounter unique challenges. To ensure a seamless experience with our UAV products, our dedicated team stands ready to provide all-around support, addressing any issues you may face.

Section 1: On-the-Go Support

Our support team is always at your disposal, ready to address any concerns you encounter with your UAV. With just a phone call away, you can access direct assistance, enabling quick resolution to any challenges that may arise.

Section 2: Physical Support Team

Our high-quality, battle-tested drones are built to last, but we acknowledge that regular use or unforeseen events may lead to parts requiring attention. To ensure uninterrupted usability, our philosophy dictates providing a dedicated physical support team when needed, offering timely assistance and keeping your UAV in top shape.

Section 3: Engineer Training

From the outset, we recognized the importance of enabling our clients to maximize the potential of our high-tech products. To achieve this, we established a comprehensive training system, equipping individuals operating our UAVs with the knowledge and skills to harness their full potential.

Section 4: UAV Insurance

Purchasing a drone is an investment for you, and we understand the value it holds. To safeguard your investment, we provide end-to-end support and insurance coverage, protecting your product against any damages and providing peace of mind.

Section 5: A Commitment to Your Success

Our goal is to foster your growth and success, aligning our support to help you achieve your objectives. With a holistic approach, we aim to be more than a supplier – a true partner in your journey to excellence.

TRAINING

At AmosAerospace, our commitment to your success extends beyond providing high-tech equipment. We understand the significance of harnessing these technological marvels to their fullest potential. With our esteemed affiliate, Integrated Drone Training Academy, we offer comprehensive training programs, ensuring proficiency and efficiency in utilizing our products.

With the support of Integrated Drone Training Academy, we offer a pathway to success, enabling you to elevate your capabilities and achieve remarkable outcomes. As you embark on this journey, you gain access to the expertise and guidance needed to stand at the forefront of technological advancements.

PRODUCTS

PANDA- overview

PANDA is a DGCA-approved small category training drone, purpose-built to shape the skills of future drone pilots. Its rugged frame ensures durability, handling high-impact landings and crashes, safeguarding against substantial losses during training. With user-friendly controls, even inexperienced pilots can navigate effortlessly, making it an ideal choice for instructors and trainees alike.

The optimized thrust-to-weight ratio grants PANDA unparalleled freedom in flight, empowering pilots to explore with ease and confidence. Equipped with a GPS module, it offers enhanced stability and multiple fail-safe features, including Return to Home under various conditions. PANDA complies with DGCA's guidelines for small category drones, providing instructors and trainees with a trustworthy and reliable training platform.

Discover PANDA's versatility, resilience, and convenience, making it a highly accessible and seamless training drone that meets all DGCA requirements. Elevate your drone training experience with PANDA and witness the transformation of aspiring pilots into skilled professionals, ready to soar to new heights in the world of drone aviation.

PAYLOADS

PANDA offers a best-in-class redundant camera system, rigorously tested to perform flawlessly even in extreme weather conditions. Its ruggedized design ensures resilience, capable of handling pilot errors with ease. Aligned with industry standards, PANDA's redundant camera system serves as the perfect companion for trainers, enabling efficient and reliable training sessions.

GROUND CONTROL SYSTEM

Our Ground Control System (GCS) empowers users with complete and absolute control over the PANDA UAV, offering a simple yet powerful interface that seamlessly complements the drone's capabilities.

Key features of our GCS include:

- **User-Friendly Interface:** Designed with first-time learners in mind, our GCS boasts an intuitive and user-friendly interface, ensuring a smooth learning curve for all pilots.
- **Autonomous Takeoff and Landing:** Effortlessly launch and land the PANDA UAV in autonomous mode, simplifying the flight process and enhancing convenience.
- **Flight Planning for Mapping Operations:** Plan and execute predictable and repeatable mapping operations with ease using our GCS, ensuring precise and accurate results.
- **Live Flight Parameters and Video Display:** Stay informed with real-time flight parameters and video feed displayed on the interface, keeping pilots well-informed throughout the mission.
- **Encrypted Communication:** Our GCS ensures secure and encrypted communication between the user and the PANDA UAV, guaranteeing data privacy and protection.
- **Return-to-Home Features:** Enjoy peace of mind with the PANDA's Return-to-Home features, automatically activated in low battery or high wind conditions, ensuring the safe return of the drone to its base.

TECH SPECS

PANDA's sturdy framework is engineered to handle pilot errors with ease. This rugged design minimizes potential damages during training sessions, making it an ideal choice for instructors and trainees alike.

Designed and manufactured in adherence to DGCA's guidelines for small category drones (2 Kg - 25 Kg), PANDA meets industry standards, offering a reliable and trustworthy training drone for aspiring pilots.

VAJRA- overview

Introducing VAJRA, our advanced high endurance, multirotor drone designed to conquer demanding scenarios with ease. With a revolutionary tethering design, VAJRA sets new standards in flight endurance, boasting a remarkable flight time of over 20 hours. Its versatility is further enhanced by the availability of both tether and battery modes, ensuring continuous power supply and offering a reliable failsafe option in case of tether issues.

VAJRA's robust framework empowers it to effortlessly carry heavy payloads, making it an invaluable asset across various industries. From extended surveying missions to efficient delivery services, VAJRA's capabilities span a wide range of applications. Equipped with an accurate GPS system, VAJRA offers precision navigation and a reliable return-to-home feature, ensuring safe and seamless operations.

PAYLOADS

Introducing our best-in-class Redundant Camera payload, engineered to deliver unparalleled performance in any environment. Rigorously tested in extreme weather conditions, this cutting-edge camera system is ruggedized to withstand pilot errors, ensuring seamless operations even in challenging situations. Complying with industry standards, it stands as the ideal companion for drone trainers, elevating the training experience to new heights.

GROUND CONTROL SYSTEM

Our advanced Ground Control System (GCS) puts absolute control of your UAV at your fingertips, offering a simple yet powerful interface that seamlessly complements the PANDA drone.

Key Features of Our GCS:

User-Friendly for All Skill Levels: Designed with first-time learners in mind, our GCS provides a user-friendly and intuitive interface, ensuring a smooth learning curve for pilots of all skill levels.

Effortless Autonomous Takeoff and Landing: Experience easy and hassle-free takeoffs and landings with PANDA in autonomous mode, simplifying the flight process and enhancing convenience.

Seamless Flight Planning: Plan and execute predictable and repeatable mapping operations with ease using our GCS's flight planning feature, ensuring precise and accurate results for your mapping missions.

Real-Time Flight Data Display: Stay informed with live display of crucial flight parameters and video feed on the interface, enabling pilots to make informed decisions during the mission.

Secure Encrypted Communication: Our GCS ensures secure and encrypted communication between the user and the UAV, safeguarding data privacy and enhancing operational security.

Reliable Return-to-Home Features: In case of low battery or high winds, our GCS activates the Return-to-Home feature, ensuring the safe and automatic return of the PANDA drone to its home base.

WRONG INFORMATION ABOUT VAJRA IN TECH SPEC BEETLE- overview

Introducing Beetle, the highly stable and configurable drone designed to elevate your photography and video-making experience. With a range of camera payload options and varying resolutions, Beetle empowers you to capture stunning shots of your interests, whether you're a seasoned filmmaker or a nature enthusiast. Its compact yet durable design ensures reliable performance, even in challenging conditions, making it an ideal choice for filming in the great outdoors.

Beetle's user-friendly controls offer an effortless learning curve, making it accessible to pilots of all skill levels. Whether you're taking your first flight or an experienced aviator, Beetle provides unmatched stability, ensuring smooth and professional-quality footage. Additionally, Beetle's

integrated GPS with failsafe features guarantees a safe return home in case of certain technological failures, protecting your investment and precious footage.

WRONG INFORMATION ABOUT VAJRA IN TECH SPECS, GCS

BEETLE+ overview

Meet Beetle+, the highly configurable drone that sets a new standard in aerial photography and videography. With the ability to support a wide array of payloads, including night vision and thermal cameras, Beetle+ offers unparalleled versatility, catering to the diverse needs of consumers. Its customization options open doors to a myriad of applications, making it the ultimate choice for professionals seeking exceptional performance.

Beetle+ emerges as a true power horse in surveying, mapping, security & surveillance, and more, outperforming its predecessor Beetle with the added advantage of survey spec-ed and night payloads. The integration of multispectral and thermal cameras further enhances its capabilities, unlocking new dimensions in data acquisition and analysis for specialized tasks. Just like its predecessor, Beetle+, with its stable flight performance, ensures seamless videos and photos, even in the most challenging environments.

BEE

Welcome to the world of BEE, where high altitude flying and military-grade capabilities converge to redefine surveillance and scout-focused missions. With its large payload-carrying capacity, easy deployment, and highly accurate GPS tracking, BEE stands as the epitome of excellence in the realm of drone technology.

As its name suggests, BEE embodies the essence of stealth and durability, meticulously crafted with military missions in mind. Its unparalleled performance enables Beyond Visual Line Of Sight (BVLOS) surveillance and scout missions, unhindered by obstacles. Equipped with telemetry and live video transmission capabilities, BEE offers real-time insights, providing critical intelligence for military operations.

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SHARK overview

Introducing SHARK, the epitome of silence and stealth, offering unparalleled results even in the most demanding circumstances. With its heavily durable build and seamless deployment capabilities, SHARK excels in surveillance and scout missions, delivering exceptional performance in every operation. Boasting an extended operating range and impressive flight time, SHARK is the ultimate choice for military applications and scout missions.

SHARK is designed to thrive in the military domain, providing unmatched performance in scout missions. Its ability to carry imaging payloads and transmit real-time feeds directly to the ground station enhances its reconnaissance capabilities. Crafted with precision, SHARK's build stands at par with the strongest drones at AmosAerospace, ensuring reliability and robustness in every mission.

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