



## UAS and SmallSat Weekly News

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19Nov22

### Turkey's MURAD radar to fly on Akinci drones by 2023 14th November 2022 Elisabeth Gosselin-Malo in Milan



Since 2019, [Aselsan](#) has been developing the new indigenous MURAD active electronically scanned array fire control radar to integrate on the Turkish Air Force's [Akinci UAS](#), [F-16 fighters](#) and the TF-X/National Combat Aircraft.

The company foresees it will be able to compete with Northrop Grumman's [AN/APG-83 SABR](#) agile beam radar on the international market.

A functioning MURAD prototype was showcased on 10 November in Ankara by the President of the Defense Industry Agency, Ismail Demir.

A Turkish source close to the matter who attended the event said the prototype system is not completed yet for the F-16 but that the variant for Akinci is almost ready with full integration expected by the end of the year or early 2023 and flight trials next year.

The MURAD radar is said to be multifunctional and able to track multiple targets at once, as well as operate in air-to-air and air-to-ground roles. [https://www.shephardmedia.com/news/air-warfare/turkeys-murad-radar-to-fly-on-akinci-drones-by-2023/?utm\\_source=Newsletter&utm\\_medium=email&utm\\_content=Weekly+Defence+News+Highlights&utm\\_campaign=Weekly+News+Highlights+18+November+2022&vgo\\_ee=tqmiRmjQFqa0tbrE6hm2%2BxhF%2B0s7x5Pkn%2BPTGhayD8%3D](https://www.shephardmedia.com/news/air-warfare/turkeys-murad-radar-to-fly-on-akinci-drones-by-2023/?utm_source=Newsletter&utm_medium=email&utm_content=Weekly+Defence+News+Highlights&utm_campaign=Weekly+News+Highlights+18+November+2022&vgo_ee=tqmiRmjQFqa0tbrE6hm2%2BxhF%2B0s7x5Pkn%2BPTGhayD8%3D)

### Archer Unveils its Production Aircraft, Midnight™ November 18, 2022 News



Archer Aviation Inc. (NYSE: ACHR), a leader in eVTOL aircraft, today publicly unveiled its production aircraft, Midnight, a pilot-plus-four-passenger eVTOL aircraft during its Open House event in Palo Alto, CA. Midnight is the evolution of Archer's demonstrator eVTOL aircraft, Maker, which has validated its proprietary twelve-tilt-six configuration and key enabling technologies.



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Midnight is designed to be safe, sustainable, quiet and, with its expected payload of over 1,000 pounds, can carry four passengers plus a pilot. Midnight is optimized for back-to-back short distance trips of around 20-miles, with a charging time of approximately 10 minutes in-between. Archer is working to certify Midnight with the FAA in **late-2024** and will then use it as part of its UAM network, which it plans to launch in 2025.

Adam Goldstein, Archer's Founder and CEO, said "We believe our strategy and team's ability to execute has allowed us to establish our leadership position in the market and is why we are confident we will be **the first company to certify an eVTOL aircraft** in the US with the FAA."

Archer's unique approach to designing Midnight focuses on combining high function and high emotion, inspiring passengers to want to experience it, like the feeling that was evoked in this country during the Golden Age of aviation in the 1950s.

[https://uasweekly.com/2022/11/18/archer-unveils-its-production-aircraft-midnight/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=archer-unveils-its-production-aircraft-midnight&utm\\_term=2022-11-18](https://uasweekly.com/2022/11/18/archer-unveils-its-production-aircraft-midnight/?utm_source=rss&utm_medium=rss&utm_campaign=archer-unveils-its-production-aircraft-midnight&utm_term=2022-11-18)

## FBI cites bomb-toting UAV inquiries in urging counter-drone action **Bruce Crumley** - Nov. 18th 2022



The director of the Federal Bureau of Investigations has joined a chorus of voices urging Congress to [take steps](#) to maintain or expand the [counter-drone capacities](#) of US security authorities, backing up his urging with revelations of the agency's ongoing investigations into UAVs being equipped to transport homemade bombs.

FBI director Christopher Wray made the disclosure during testimony before the Senate Homeland Security Committee Thursday, adding ballast to calls by a variety of actors to muscle up [counter-drone](#) laws to match the threats that the rising number of UAVs in use pose.

Wray gave no details on the investigations underway into pilots in the US seeking to deploy the craft with improvised [explosive devices](#) (IED) aboard. But given the well-publicized effectiveness of the consumer vehicle in the [Ukraine](#) war, it's unlikely his congressional audience failed to register the potential dangers such use would pose. <https://dronedj.com/2022/11/18/fbi-cites-bomb-toting-uav-inquiries-in-urging-counter-drone-action/#more-88695>



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### **Draganfly's drone partnership with DEF-C deepens its activities in Ukraine** Bruce Crumley - Nov. 18th 2022



Canadian drone hardware manufacturer and diversified service company [Draganfly](#) has announced it has been tapped by [Ukraine](#) aerial solutions specialist [DEF-C](#) to provide support for its work with civil and defense clients – and supply those customers with **30 reconnaissance UAVs**.

In its pairing with DEF-C, however, [DraganFly's drone](#) work will be aimed more at projects to help Ukraine both get through the continuing Russian invasion and begin rebuilding, even as the conflict wages on. In particular, Draganfly will supply end users with more of its rugged, lightweight, fully automated reconnaissance drones through DEF-C.

In addition, the Saskatoon-based company says it will be supplying equipment for emergency response, security, defense, and infrastructure, as well as mapping, support, and public services.

In addition to providing UAVs for [rapid medical transport](#) and search and rescue missions for [victims of Russian strikes](#), Draganfly has coordinated the operation of its drones with specialized Ukraine forces to detect and [clear countless land mines](#) that invading forces have buried across the country. <https://dronedj.com/2022/11/18/draganflys-drone-partnership-with-def-c-deepens-its-activities-in-ukraine/#more-88726>

### **It could've been a racing drone; it's now destroying enemy targets** Ishveena Singh - Nov. 18th 2022



It has the body of a racing drone and the mind of a calculated assassin. Meet Elbit Systems' Laniius: a "drone-based loitering munition" that leverages its top speed of 45 mph and high degrees of maneuverability to rush to a target before exploding.

[Laniius](#) is essentially a "suicide drone" with a Swiss Army knife set of skills that can prove especially useful in the urban combat environment. It uses video analytics to determine entry points into a building. It can map the inside of an unknown structure using simultaneous localization and mapping (SLAM) techniques. Its advanced AI algorithms can identify people and



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weapons, practically distinguishing between armed combatants and non-combatant civilians with ease.

In a promotional video released by the Israel-based defense company, Lanius is seen arriving at the battlefield aboard a mothership of sorts, given that the micro drone's own battery supports only **seven minutes of flight time**.

Though Elbit Systems says that the drone is fully capable of executing a flight profile, takeoff, navigation, and scouting for targets without human intervention, the video shows an operator guiding Lanius toward its target using a remote controller device. In another scene, the drone is pulled from a soldier's backpack for hand deployment, thus highlighting its versatility.

<https://dronedj.com/2022/11/18/elbit-lanius-assassin-drone/>

**21Oct22**

## Community Colleges in CO Collaborate: Students Shoot Drone Video for Toyota Commercials

Miriam McNabb November 20, 2022



The commercials were filmed in May and October 2022. The project was made possible through a unique partnership between the Community College of Aurora's Colorado Film School (CFS) and a contract with the Saatchi & Saatchi advertising agency. CFS has produced regional Toyota spots for several years for Saatchi & Saatchi, however, students at CFS do not have specialized training in operating drones for video.

Aims Community College students in the Unmanned Aerial Systems (UAS) Basic Operator Certificate program learn how to fly drones for film production and other uses such as construction management and local government mapping. Aims UAS students worked with the production team to get aerial shots for the commercials.

Students got to work with state-of-the-art equipment to create a professional-level production for a major national brand. "Projects like this provide Aims students with professional and portfolio-building experiences that set them up to be marketable in the workforce," says the college press release. <https://dronelife.com/2022/11/20/community-colleges-in-co-collaborate-students-shoot-drone-video-for-toyota-commercials/>



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### Hydra Technologies to Showcase Capabilities at Future Forces Forum in Prague

November 21, 2022



As part of this year's exhibition in Prague, the battle proven S45 Baalam unmanned aerial system, with its weaponized version and its traditional intelligence surveillance reconnaissance and targeting solutions, is part of the Hydra offer to the defense and security market to be exhibited in the Czech Republic. As a novelty, Hydra is also offering synthetic aperture radar (SAR) solutions on its platforms for special operations and coastal security and naval ISR.

The S45 is a dual-engine, 70 mile line of sight range tactical system with an operational ceiling of 17,000 feet and **12 hours** of effective mission time. It is equipped with gimbal camera systems that include medium wave infrared and visual spectrum high-definition sensors with up to 130X zoom. The S45 also supports ground forces through on-board radio repeater systems and remote video terminals.

Future Forces Forum is one of the most widely recognized trade shows in the world. The show centers around finding a variety of solutions for current and future problems for allied countries. The Forum addresses the latest trends and needs in defense and security and helps to achieve the much sought-after interoperability within Joint All-Domain Operations.

[https://uasweekly.com/2022/11/21/hydra-technologies-to-showcase-capabilities-at-future-forces-forum-fff-in-prague/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=hydra-technologies-to-showcase-capabilities-at-future-forces-forum-fff-in-prague&utm\\_term=2022-11-21](https://uasweekly.com/2022/11/21/hydra-technologies-to-showcase-capabilities-at-future-forces-forum-fff-in-prague/?utm_source=rss&utm_medium=rss&utm_campaign=hydra-technologies-to-showcase-capabilities-at-future-forces-forum-fff-in-prague&utm_term=2022-11-21)

### Fugro joins forces with Carbonix to develop remote aerial operations November 21, 2022 News



Fugro is partnering with **Australian** drone manufacturer **Carbonix** to establish a **new long-range drone capability**. It is Fugro's first partnership working towards long-range Beyond Visual Line of Sight missions, bolstering Fugro's existing Geographic Information System capability. Carbonix will supply Volanti and Ottano vertical take-off and landing drones over the next 27 months, to further enhance Fugro's remote operations.



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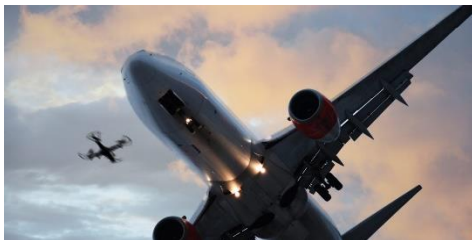
Fugro is a world leader in the transition to remote and autonomous operations with a global network of **9 remote operation centers**. Fugro operates boats and remotely operated vehicles and provides survey, inspection, and piloting services to the maritime industry across the world.

Carbonix will support Fugro's Australian long-range maritime and land projects from the sky, using aerial surveying and data capture technology while integrating with Fugro's ROCs for the joint development of systems technology and capabilities.

[https://uasweekly.com/2022/11/21/fugro-joins-forces-with-carbonix-to-develop-remote-aerial-operations/?utm\\_source=rss&utm\\_medium=rss&utm\\_campaign=fugro-joins-forces-with-carbonix-to-develop-remote-aerial-operations&utm\\_term=2022-11-21](https://uasweekly.com/2022/11/21/fugro-joins-forces-with-carbonix-to-develop-remote-aerial-operations/?utm_source=rss&utm_medium=rss&utm_campaign=fugro-joins-forces-with-carbonix-to-develop-remote-aerial-operations&utm_term=2022-11-21)

### **Thales joins HALO test UTM project integrating drones at Heathrow Airport** Bruce

Crumley - Nov. 21st 2022



A UK consortium of companies has launched a two-year, high-intensity autonomous drone operations (HALO) project to develop and test an [uncrewed aircraft traffic management system](#) (UTM) capable of integrating UAV flights at [London's Heathrow Airport](#).

The UK unit of French aerospace giant [Thales](#) is a member of the Operational Solutions Limited consortium and the HALO initiative which will establish a [UTM system](#) for routine automated and beyond visual line of sight (BVLOS) drone flights at Heathrow.

[Thales says](#) its contribution to the HALO project will be supporting the development of automated technologies, skills, operating procedures, use cases, and safety approvals required to the test the UTM platform, which will rely on a patchwork of sensors to track drone flights across the 12-kilometer expanse of the [greater Heathrow complex](#).

The HALO UTM system will also provide alerts on invasive craft in the airspace as part of its perimeter surveillance and general security duties. Thales says in addition to the enhanced efficiencies that ongoing [automated and BVLOS UAV activities](#) can provide, increased use of the craft will provide savings and enhanced sustainability compared to traditional road vehicles.

<https://dronedj.com/2022/11/21/thales-joins-halo-test-utm-project-integrating-drones-at-heathrow-airport/>



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### Chainsaw-packing drone helps Hawaii Island botanists battle ROD fungus killing native trees Bruce Crumley - Nov. 21st 2022



Innovating botanists in [Hawaii](#) are again adapting tech loaded on drones to preserve native plants from extinction in [areas too remote or dangerous](#) for humans to access – this time on Hawaii Island to battle Rapid ‘Ōhi‘a Death (ROD) fungus killing indigenous ‘ōhi‘a lehua trees.

The new drone is the work of Ryan Perroy, a professor at the University of Hawaii, Hilo’s department of Geography & Environmental Science and director of its Spatial Data Analysis and Visualization program. Perroy found a way to super-size an existing [UAV-carried device](#) for cutting and collecting plant samples in hard to reach places using a dangling chainsaw with a [gripping robotic claw](#).

Unlike the original tool developed by researchers at the Swiss public research university ETH Zürich, Perroy’s adaptation can saw off and haul back larger cuttings botanists in Hawaii need to accurately test for ROD – while also [relying on the drone for locating](#) and pruning ‘ōhi‘a lehua in spots otherwise impossible to reach.

ROD is a fungal disease that was only identified in Hawaii in 2014 and has since become a [fast-spreading menace](#) that has killed hundreds of thousands of ‘ōhi‘a lehuas. Carried between areas on the clothes of hikers, animal fur, or even the wind, ROD clogs the tree’s system for circulating water to its canopy, causing dehydration and death. Preservation of the species [is vital to ecosystem](#) and watershed balances and safeguarding certain cultural traditions centered on the species. <https://dronedj.com/2022/11/21/chainsaw-packing-drone-helps-hawaii-island-botanists-battle-rod-fungus-killing-native-trees/#more-88744>

### AURA attracts \$75 million in new funding for US nationwide command-and-control network November 14, 2022 Philip Butterworth-Hayes UAS traffic management news



AURA Network Systems (AURA) has announced it has closed \$75 million in funding, with \$55 million committed by Fortress Investment Group, or its affiliates, and \$20 million from previous investors





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Mudrick Capital Management and Tracker Capital Management.

According to a company press release: “The company’s safety-critical network capabilities as a Command-and-Control Communication Service Provider were exhibited during the recent National Advanced Air Mobility Industry Forum in Springfield, Ohio, as well as mid-July demonstrations in Western Maryland. Both involved aircraft outfitted with an AURA airborne radio and voice comms module.

AURA CEO Bill Tolpegin said, “The financing enables AURA to continue our core development work while providing us with the financial runway to launch commercial services.

<https://www.unmannedairspace.info/latest-news-and-information/aura-attracts-usd75-million-in-new-funding-for-us-nationwide-command-and-control-network/>

22Nov22

### Looking at Buying or Giving a Drone for the Holidays? Check Out FAA Drone

**Resources!** Miriam McNabb November 21, 2022



If you haven’t visited the [FAA.gov](https://www.faa.gov) website in a while, it’s time for a return visit. The agency has developed a whole library of FAA drone resources for drone pilots new and old – and it’s easier to find things, too.

Just go to [FAA.gov](https://www.faa.gov) and hit the “Drones” tab on the right. Then hit the red “We can help you!” button to go right to this “[Getting Started](#)” page that starts by helping pilots figure out what type of drone pilot they are, recreational or commercial, and what rules apply to them.

New recreational pilots can learn the rules, register their drone, take the (free) TRUST test, and download their certificate. It’s clear, it’s easy, and it welcomes new pilots into the aviation community.

[FAA Drone Zone](#) is the official site for managing drone services, including drone registration. From the Drone Zone pilots can download the B4UFly App, register drones, and apply for airspace authorizations. If a pilot plans to fly for any reason other than recreation, they need to set up a business account on the FAA Drone Zone, registering drones and pilots. Scroll down the “Getting Started” page for instructions.

<https://dronelife.com/2022/11/21/looking-at-buying-or-giving-a-drone-for-the-holidays-check-out-these-faa-drone-resources/>



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### USPTO Issues Patent for Advanced Logistics Drone Platform Phoebe Grinter / 16 Nov 2022



The United States Patent and Trademark Office (USPTO) has issued a patent related to Blueflite's advanced logistics drone platform covering its unique design and functionality for fast, cost-effective, and sustainable deliveries.

The Utility Patent No. 11,492,106 entitled 'Vertical Take-Off and Landing Vehicle' is directed at the company's proprietary design including its unique tilt-mechanism, internal payload bay, compact wing design, and control

software.

According to Blueflite, propulsion modules are actuated independently and make use of advanced on-board control code enabling vectored thrust. This allows for self-righting and extreme maneuverability, even in challenging weather conditions, while enabling high-speed and energy-efficient flight.

The internal payload bay protects the cargo from extreme factors like wind and rain and allows unloading from either the top or bottom for all-automatable delivery sequences.

The quad compact wing is designed for tight spaces and urban environments, allowing the drone platform to more easily maneuver and land when and where it is needed. Functionality is shifted from hardware to software for better unit economics and reducing complexity.

[https://www.unmannedsystemstechnology.com/2022/11/uspto-issues-patent-for-advanced-logistics-drone-platform/?utm\\_source=UST+eBrief&utm\\_campaign=196298f9b0-ust-ebrief\\_2022-nov-22&utm\\_medium=email&utm\\_term=0\\_6fc3c01e8d-196298f9b0-119747501&mc\\_cid=196298f9b0&mc\\_eid=0d642a9d48](https://www.unmannedsystemstechnology.com/2022/11/uspto-issues-patent-for-advanced-logistics-drone-platform/?utm_source=UST+eBrief&utm_campaign=196298f9b0-ust-ebrief_2022-nov-22&utm_medium=email&utm_term=0_6fc3c01e8d-196298f9b0-119747501&mc_cid=196298f9b0&mc_eid=0d642a9d48)



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### US Joint Counter small Unmanned Aircraft Systems seeks C-UAS white papers

November 21, 2022



The US Joint Counter small Unmanned Aircraft Systems (C-sUAS) Office (JCO) has issued a Request for White Papers for Detect and Kinetic Defeat of Group 3 sUAS Systems Demonstration.

The tender was published on November 18, 2022 with an Original Response Date of November 29, 2022.

According to a tender document published on the [www.SAM.gov](http://www.SAM.gov) website: The JCO and Rapid Capabilities and Critical Technologies Office are seeking whitepapers to identify industry interest in demonstrating detect and kinetic defeat of Group 3 sUAS at 2 kilometers slant range. The purpose is to identify potential performers that may have promising technologies or approaches. Following evaluation of the whitepaper submissions, the Offerors may then be asked to participate in the JCO Demonstration tentatively scheduled for January 2023. This demonstration may result in the award of competitively selected prototype projects. Vendors should only submit a White Paper for consideration if their system will be operationally ready for testing by 3 January 2023. <https://www.unmannedairspace.info/counter-uas-systems-tenders/us-joint-counter-small-unmanned-aircraft-systems-seeks-c-uas-detect-and-kinetic-defeat-white-papers/>

### Skyfire aids PG&E earn California-wide BVLOS drone infrastructure inspection waiver

Bruce Crumley - Nov. 22nd 2022



Specialist public safety and [first responder drone](#) consultancy [Skyfire](#) says it successfully assisted [wildfire-plagued](#) utility Pacific Gas & Electric (PG&E) obtain a Federal Aviation Administration waiver to operate [beyond visual line of sight](#) (BVLOS) infrastructure flights throughout the state of

California.

The utility – one of that largest natural gas and electricity providers in the US – has been held responsible for over 30 wildfires in California since 2017.

In addition to counseling the utility in obtaining that authorization, Skyfire is also advising PG&E on the most effective methods of conducting BVLOS inspection flights, and using drones in



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responding to the environmental challenges of California's formidable wildfire risks.

<https://dronedj.com/2022/11/22/skyfire-aids-pge-earn-california-wide-bvlos-drone-infrastructure-inspection-waiver/>

**23Nov22**

### **Fortem, Smart Communication Systems Provide Counter Drone Security at FIFA World Cup** Miriam McNabb November 22, 2022 by DRONELIFE Staff Writer Ian M. Crosby



[Fortem Technologies](#) has announced it will work alongside [Smart Communication Systems](#) to provide defense and security clients with counter drone solutions, to be deployed first by the Qatari Ministry of Interior for this month's FIFA World Cup events.

The two companies will collaborate to provide this year's FIFA World Cup games in Qatar with enhanced security and will offer C-UAS systems going forward for further major events and venues across the region.

Fortem's proprietary [SkyDome System](#) is an award winning comprehensive counter UAS solution capable of identifying and disarming unauthorized drones through its [DroneHunter interceptor drone](#). The SkyDome System utilizes the AI-enabled TrueView radar, a compact and networkable radar developed for operation within urban environments and densely populated locations such as sports arenas and airports. <https://dronelife.com/2022/11/22/counter-drone-security-fifa-world-cup/>

### **NYPA adds AI to drone inspection and analysis of power lines** Bruce Crumley - Nov. 23rd 2022



Already accustomed to using [drones to inspect](#) its enormous 1,400 circuit miles of transmission infrastructure, the [New York Power Authority](#) (NYPA) says it's now turning to artificial intelligence (AI) analytics to both speed up and improve detection of weak points requiring repair and take action to prevent costly outages.



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To make infrastructure images brought back by its [inspection drones](#) more manageable and useful, the NYPA has turned to [AI tech](#) startup **Buzz Solutions**, whose platforms considerably speed the analysis process while maintaining an accuracy rate of 85%.

In addition to automating what was previously a painstaking manual procedure, the self-learning capacities of [AI create a virtuous spiral](#) of increasingly quick and efficient monitoring of infrastructure data.

NYPA tapped Palo Alto-based Buzz Solutions after 2021 bidding by companies offering AI tech to analyze the millions of images the [utility's](#) fleet of [inspection drones](#) – as well as helicopters and planes – capture every year. Manual scrutiny to map those photos together to detect and report weakness or failings in them can take eight months to transform the raw data into actionable information. <https://dronedj.com/2022/11/23/ny-pa-adds-ai-to-drone-inspection-and-analysis-of-power-lines/>

### **EHang air taxi aids European testing of UAM air traffic projects** Bruce Crumley - Nov. 23rd 2022



China's leading developer of electric vertical takeoff and landing (eVTOL) planes for [air taxi](#) operation [EHang announced](#) it will be participating in the European Union-backed project testing the use and effectiveness of the European Geostationary Navigation Overlay Service (EGNOS) in [UAM activities](#). As part of that work toward developing reliable eVTOL traffic management systems in Europe, EHang said it will be operating its [EH216 air taxi](#) craft during trials held at Lleida-Alguaire Airport, a major facility about 100 km west of Barcelona. Those will fall under the aegis of the Satellite Based Augmentation System Adoption in Multicopter VTOL Aircraft (SAMVA) program.

One element is the continued development of EGNOS to further refine and improve global navigation satellite systems (GNSS) like the well-known GPS and the Galileo variant operated in Europe. The objective of EGNOS is to monitor the accuracy of positions provided by those GNSS and tweak data as needed to ensure accuracy. <https://dronedj.com/2022/11/23/ehang-air-taxi-aids-european-testing-of-uam-air-traffic-projects/>



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24Nov22

**Drone video captures surfers braving liquid mountains at Nazaré** Bruce Crumley -  
Nov. 24th 2022



A new drone video has surfaced demonstrating yet again just how effective UAVs have been in bringing spectators up close and personal with improved [footage of surfers](#) as they negotiate waves – this time in some of the most enormous swells the ocean can muster.

The newest example of that appeared earlier this month with a [drone video capturing the gigantic](#) conditions that have made Portugal’s Nazaré arguably the most compelling challenge for the globe’s big wave surfers. “Big” is a euphemism in this case, since swells rolling in at about 50 feet on “average” huge days can rise to over 100 feet when liquid insanity goes to another level.

Drone pilot and [surf video expert Tucker Wooding](#) was on hand at Nazaré this month when salty giants stormed in to play – and punish surfers crazy enough to jump atop them. The result is [seven minutes of footage](#) that – thanks to the unique aerial capabilities of UAVs – takes viewers far closer to both the riders and watery avalanches chasing them than otherwise possible. <https://dronedj.com/2022/11/24/drone-video-captures-surfers-braving-liquid-mountains-at-nazare/>

**Dronamics’ \$2.6M EU grant precedes Series A round for middle-mile drone delivery launch** Bruce Crumley - Nov. 24th 2022



Middle-mile drone delivery specialist [Dronamics](#) is revving up its push to prepare aerial transport services with an upcoming round of fundraising that has already received [a \\$2.6 million head start](#) grant from the European Commission’s European Innovation Council (EIC) Accelerator program.

The \$2.6 million grant from the EIC seeks to support Dronamic’s efforts to assemble a fleet of its proprietary Black Swan drones to [operate middle-mile drone deliveries](#) – initially in Europe – and establish a network of airports and logistics centers to cover the continent. The [European Union](#) (EU) is the executive arm of the European Union, and the EIC is its unit [promoting companies](#) developing promising new technologies and services.



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In awarding its grant, the EIC also said it would extend what Dronamics described as “material commitment” to its planned Series A round of fundraising that, among other things, will prime the pumps for the [launch of its middle-mile drone delivery](https://dronedj.com/2022/11/24/dronamics-2-6m-eu-grant-precedes-series-a-round-to-fuel-middle-mile-drone-delivery-launch/) activity. The company provided no further information on when that would take place, or what other backers may be involved. <https://dronedj.com/2022/11/24/dronamics-2-6m-eu-grant-precedes-series-a-round-to-fuel-middle-mile-drone-delivery-launch/>