

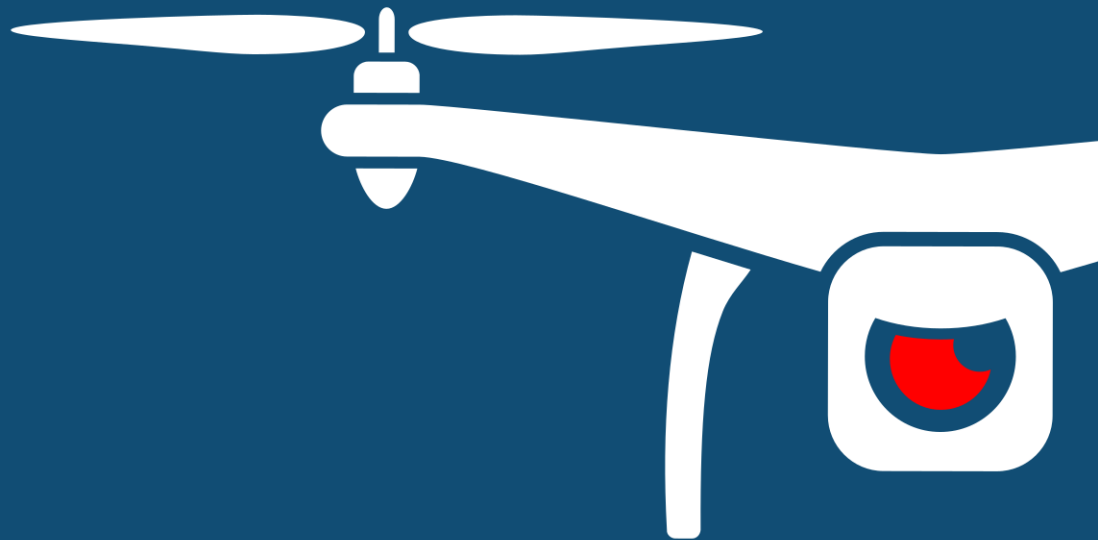


DRONE SEC

NOTIFY ISSUE #88 (PUBLIC)

WEEKLY THREAT INTELLIGENCE

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UAS HACKING, HARDENING AND DEFENCE

DOCUMENT CONTROL

PREPARATION

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TABLE OF CONTENTS

- 1. Threat Intelligence ----- 4
- 1.1. Special report: Taliban drone use & Tactics ----- 4
- 1.2. Featured Advisories ----- 5
- 1.3. Cyber and Data Security (P3) ----- 5
- 1.4. Non-Conflict News and Events (P3) ----- 6
- 1.5. Conflict News and Events (P3) ----- 6
- 1.6. Socials (P3) ----- 8
- 1.7. Whitepapers, Publications & Regulations (P4)----- 8
- 1.8. Counter-Drone Systems (P4) ----- 8
- 1.9. Informational (P5) ----- 9
- 1.10. Drone Technology (P5) ----- 9
- 1.11. UTM Systems (P5) ----- 10



1. THREAT INTELLIGENCE

1.1. SPECIAL REPORT: TALIBAN DRONE USE & TACTICS

The DroneSec Threat Intel team have released a special report on Taliban acquisition and use of drones. These reports form our PRIVATE subscription which maintain year-round, regularly-released access to whitepapers, featured reports, special reports and use of the Notify UAS Threat Intelligence Digital Platform.

If you are receiving the PUBLIC version of Notify and would like to upgrade to PRIVATE, please contact us at: info@dronesec.com to receive instant access to all historical and ongoing research.



1.2. FEATURED ADVISORIES

The prioritisation table and its dependencies are explained in Appendix A, and relate to how we filter, analyse and visualise the intelligence we collect.



Figure 1 - Featured reports are part of the PRIVATE Notify UAS Threat Intelligence subscription - contact us to sign up.

1.3. CYBER AND DATA SECURITY (P3)

DARPA showcases cyber-secure software DEFCON, requests hackers attempt to overcome it

<https://www.airforcemag.com/def-con-hackers-foiled-by-darpa-formal-methods/>

1.4. NON-CONFLICT NEWS AND EVENTS (P3)

Two manned planes spot bright green light flying into clouds, possible drone operation, Canada

<https://www.dailymail.co.uk/sciencetech/article-9891147/Two-planes-report-bright-green-UFO-flying-Canadian-air-space.html>

Man sentenced to jail for shooting at a Sheriff's drone (update)

<https://www.uasvision.com/2021/08/11/man-sentenced-to-5-years-for-shooting-tulsa-county-sheriffs-drone/>

Correction officers stop drone delivering heroin into Bayamon 292 prison, Puerto Rico

<https://www.elnuevodia.com/noticias/seguridad/notas/incautan-drones-que-intentaban-ingresar-drogas-a-correccionales-en-ponce-y-bayamon>

Indian Air Force military drone crashes due to technical fault

<https://www.republicworld.com/india-news/general-news/punjab-iaf-drone-crashes-in-paddy-field-near-gurdaspur-village-due-to-technical-fault.html>

IS-inspired chief arrested; plans to drop IEDs from drones on police outposts, Bangladesh

<https://www.thedailystar.net/news/bangladesh/crime-justice/news/he-planned-drone-bombings-2150436>

FBI and FAA investigating drone flight that interfered with firefighting efforts against Dixie Fire

<https://www.kqed.org/news/11884665/fbi-faa-investigating-dixie-fire-drone-incident>

Drone pilot reported for taking photos of residential units and selling these photos to owners

<https://www.leicestermercury.co.uk/news/local-news/police-appeal-after-drones-spotted-5774193>

French national parks clamp down on errant drone operators flying too close to wildlife

<https://www.thetimes.co.uk/article/french-parks-tell-drone-pilots-to-buzz-off-and-stop-scaring-wildlife-swz6gv3bt>

Crew of commercial plane reports sighting drone passing below it at 8,000 feet in altitude

<https://boston.cbslocal.com/2021/08/16/drone-logan-airport-boston-flight-jetblue-faa-investigation/>

1.5. CONFLICT NEWS AND EVENTS (P3)

Israeli Defence Force shoots down intruding Hezbollah drone from Lebanon

<https://www.timesofisrael.com/idf-says-it-downed-hezbollah-drone-that-entered-israeli-airspace/>

Arab Coalition intercepts explosive-laden Houthi drone heading towards Khamis Mushait

<https://www.arabnews.com/node/1910301/saudi-arabia>

Four Jaish-e-Mohammed terrorists arrested for collecting weapons dropped from a drone

<https://www.dnaindia.com/india/report-j-k-police-busts-jem-jaish-e-mohammad-terror-module-in-jammu-4-held-2905950>

Yemeni air defence shoots down Arab Coalition ScanEagle drone in Marib

https://en.abna24.com/news//yemeni-air-defenses-shoot-down-scan-eagle-drone-over-marib_1169311.html

Taliban Seize US Military Equipment Including Drones, Humvees, MRAPs in Kunduz

<https://www.farsnews.ir/en/news/14000523000405/Taliban-Seizes-US-Military-Eipmen-Inclding-Drnes-Hmvees-MRAPs>

Afghan Security Forces claim to have shot down Taliban multi-rotor drone in Khost assault

<https://pajhwok.com/2021/08/13/talibans-drone-shot-down-in-khost>



Israel lands Hamas hexacopter intruding into Israeli airspace

<https://www.timesofisrael.com/idf-says-troops-downed-hamas-drone-from-gaza-two-days-ago/>



1.6. SOCIALS (P3)

Taliban capture ScanEagle drones from Afghan security forces

<https://twitter.com/JulianRoepcke/status/1425751441629716485>

Taliban shot down and recovered Iranian sUAS reconnaissance drone in Afghanistan

<https://twitter.com/AfghanAffairs7/status/1425423484558118914>

<https://twitter.com/bsarwary/status/1425418805690437638>

Russia military start specialised training for aerial drone commanders in operations

<https://www.instagram.com/p/CSZI9UaLYgO/>

Indonesian Brimob police unit pictured with Zhuhai Ziyang Blowfish A3 attack drone

<https://www.instagram.com/p/CSj1vkZKQQU>



1.7. WHITEPAPERS, PUBLICATIONS & REGULATIONS (P4)

Federal prison guards concerned about smuggling and drones (Commentary)

<https://www.lavalnews.ca/federal-prison-guards-concerned-about-smuggling-and-drones/>

1.8. COUNTER-DRONE SYSTEMS (P4)

Nine counter-drone systems installed around Red Fort for upcoming Indian Independence Day

<https://zeenews.india.com/video/india/tight-security-at-red-fort-ahead-of-15-august-containers-and-9-anti-drone-systems-installed-2383613.html>

Robotican reveals autonomous Goshawk interceptor drone to tackle hostile drones

<https://www.geospatialworld.net/news/us-department-of-defense-and-robotican-complete-autonomous-c-suas-interceptor-demonstration-with-low-collateral-effects/>

Dutch police to deploy counter drone detection systems at Zandvoort F1 Grand Prix

<https://www.unmannedairspace.info/counter-uas-systems-and-policies/dutch-police-to-deploy-drone-detection-and-mitigation-equipment-at-zandvoort-f1-grand-prix/>

DroneShield introduces training simulator for counter-drone testing and validation

<https://uasweekly.com/2021/08/17/droneshield-enters-c-uas-training-and-simulation-market/>

Meteksan Defence reveals laser systems for protecting facilities and countering drones

<https://defence-blog.com/turkey-to-unveil-new-laser-weapon-system/>

EOS Defence successfully tests live firing the Titanis C-UAS against Boresight target drones

<https://www.australiandefence.com.au/news/eos-expands-live-fire-weapon-system-development-activities-in-australia>

1.9. INFORMATIONAL (P5)

Kerala Police opens drone forensic lab to crack down on illegal drone operations

<https://www.thehindu.com/news/national/kerala/kerala-police-open-drone-forensic-lab/article35900869.ece>

Alpena aviation authorities remind citizens not to fly drones near airport and military areas due to recent sightings

<https://www.thealpenanews.com/news/local-news/2021/08/officials-be-mindful-of-drone-use-around-airport/>

Canadian DFO warns drone operators against approaching marine animals with drones

<https://www.vancouverislandfreedaily.com/news/troubling-trend-of-drones-buzzing-b-c-marine-mammals-leads-to-dfo-warning/>

Drone spot burglars hiding on rooftop after search within building was unsuccessful

<https://www.chad.co.uk/news/crime/drone-footage-shows-moment-suspected-mansfield-bank-burglars-are-arrested-3346717>

Russia to begin deploying drones to monitor road safety and detect traffic violations

<https://rg.ru/2021/08/16/v-17-regionah-rf-nachali-ispolzovat-drony-dlia-vyivleniia-narushitelej-pdd.html>

1.10. DRONE TECHNOLOGY (P5)

Start-ups creating drone swarms for military (commentary)

<https://sifted.eu/articles/startups-drone-swarms/>

General Atomics, Lockheed Martin create Legion Pod sensor to boost manned-unmanned warfare

<https://www.autoevolution.com/news/avenger-drone-autonomously-tracks-targets-uses-infrared-search-and-track-capability-167334.html>

1.11. UTM SYSTEMS (P5)

Integrating drone operations at airports (Commentary)

<https://www.internationalairportreview.com/article/162141/integrating-drone-operations-at-airports/>

GUTMA publishes unmanned traffic management standards report

<https://gutma.org/blog/2021/08/11/gutma-utm-standards-report/>

FAA approves Wing's OpenSky app, airspace rules and regulations simplified for drone operators

<https://insideunmannedsystems.com/wing-launches-free-drone-flyer-app-opensky-to-simplify-airspace-access/>

For Appendix items please click [this link](#).