

NACHBRENNER 2022

07.10.2022 - 46

Wissenswertes aus dem Bereich Militärluftfahrt und Luftkriegsführung

Quelle: Datum:	Ländercode: Artikelname:	Schlüsselinformationen:
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		Sicherheitspolitik Schweiz und Air2030
defensio 1-2022 I-2022	Langfristige Sicherheit	<p>Als wir die langfristige Sicherheit als Schwerpunktthema dieser Ausgabe festgelegt haben, herrschte in Europa noch Frieden. Das hat sich Ende Februar 2022 schlagartig geändert. Der Krieg in der Ukraine wirkt sich direkt auf die Schweiz aus, was nicht bloss an den ukrainischen Flüchtlingen zu sehen und an höheren Benzinpreisen zu erkennen ist. Der Ukraine-Krieg hat auch Einfluss auf die Sicherheitspolitik in Europa und in der Schweiz. Die langfristige Sicherheit unseres Landes und deren Schutz durch die Armee sind in den Fokus von Politik und Gesellschaft gerückt.</p> <p>u.a. mit den folgenden Themen:</p> <ul style="list-style-type: none"> • Schwerpunkte der Armeebotschaft 2022 • Zahlen zur Armeebotschaft • Erfahrungen aus Friedensförderungseinsätzen • als Gewinn für die Schweizer Armee • Die Armee rüstet die Bodentruppen für die Zukunft • Das Cyber Bataillon 42 ist einsatzbereit <p><i>(Magazin abrufbar unter:</i> https://www.vtg.admin.ch/de/media/publikationen/defensio.detail.publication.html/vtg-internet/de/publications/defensio/81_224_d_defensio_1-22_web.pdf.html<i>)</i></p>
Kontaktgruppentreffen 3-2022	Die nächsten Schritte im Projekt NKF	<i>(Siehe Beilage im Anhang zu diesem Mail Nachrichtenblatt NACHBRENNER 2022-46)</i>
stop-f-35.ch 30.09.20022	Zusammenfassung - Die Stop F-35 Initiative: von der Lancierung bis zur bundesrätlichen Abwürgung	<ul style="list-style-type: none"> • Zu teuer, zu laut, zu mangelhaft – wie alles begann • Skandale am laufenden Band • Einreichung als Hoffnungsschimmer • Die Unterschrift und Rückzug der Initiative • Der Kampf geht weiter <p><i>(Vollständiger Blog abrufbar unter:</i> https://stop-f-35.ch/2022/09/30/die-stop-f-35-initiative-von-der-lancierung-bis-zur-bundesraetlichen-abwuerfung/<i>)</i></p>

admin.ch 30.09.2022	Ukraine-Krieg: Bundesrat legt Zuständigkeiten im Falle eines nuklearen Ereignisses fest	In seiner Sitzung vom 30. September 2022 hat der Bundesrat das VBS ermächtigt, im Fall eines nuklearen Ereignisses im Zusammenhang mit dem Krieg in der Ukraine einen Strategischen Führungsstab Bund (SFB) einzusetzen. Damit legt der Bundesrat die Krisenorganisation fest, um eine schnelle und wirksame Reaktion im Ereignisfall sicherzustellen. Die Aufgaben des SFB umfassen die laufende Analyse der Lage, so dass allenfalls erforderliche Massnahmen frühzeitig umgesetzt werden können, sowie die Koordination der kurz-, mittel- und langfristigen Einsatzplanung in enger Zusammenarbeit mit den zuständigen Stellen. <i>(Vollständige Medienmitteilung abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-90559.html)</i>
vbs.admin.ch 29.09.2022	Die Zusammenarbeit stand im Fokus der Gesamtnotfallübung 2022	Vom 27. bis 29. September haben zahlreiche Organisationen des Bevölkerungsschutzes im Rahmen der Gesamtnotfallübung 2022 die Bewältigung eines Unfalls im Kernkraftwerk Leibstadt geübt. Ein Fokus der diesjährigen Übung lag auf der Zusammenarbeit zwischen den beteiligten Stellen. Das erste Übungsfazit ist positiv. <i>(Vollständige Medienmitteilung abrufbar unter: https://www.vbs.admin.ch/content/vbs-internet/de/home.detail.nsb.html/90536.html)</i>
tagesanzeiger.ch 25.09.2022 14:16	Überschallknalle am Sonntagmorgen - Zwei Kampffjets begleiten Flugzeug aus dem Schweizer Luftraum	Nach einem Hinweis aus Frankreich, dass ein Flugzeug aus den Niederlanden ohne Funk den Schweizer Luftraum überqueren wolle, sind zwei F/A-18-Kampffjets aufgestiegen. <i>(Vollständiger Beitrag abrufbar unter: https://www.tagesanzeiger.ch/zwei-kampffjets-begleiten-flugzeug-aus-dem-schweizer-luftraum-120381676798?fbclid=IwAR3Z0QGjURpnb0w8VgoUENa9gdKJebd8Rv-BvsJRxuwtHan00oMCj0KWY)</i>
blick.ch 24.09.2022 15:05	«Stopp-F-35»-Initianten protestierten mit «Trauerzeremonie» in Bern	Mit einer «Trauerzeremonie» haben Kampffjet-Gegnerinnen und -Gegner am Samstag in Bern gegen die «Missachtung demokratischer Rechte» demonstriert. Grund für den Unmut ist die Unterzeichnung der F-35-Kaufverträge durch die Behörden. SP, Grüne und die Gruppe für eine Schweiz ohne Armee (Gsoa) hatten mit einer Volksinitiative den Kauf der 36 Kampffjets verhindern wollen. Vergangene Woche zogen sie das Volksbegehren wegen der Vertragsunterzeichnung zurück. Man wolle keine Hand bieten für eine «Pseudo-Abstimmung», die angesichts fehlender Wirkung «einer demokratischen Farce» gleichkomme, hiess es.

		<p>Nun lud die Allianz gegen den F-35 zu einer «Trauerzeremonie» nach Bern, um sich «von der Demokratie zu verabschieden». Auf dem Bahnhofplatz versammelten sich rund 20 Personen unter einem schwarzen Kreuz mit der Aufschrift «RIP Democracy» (Ruhe in Frieden, Demokratie).</p>
<p>avia-luftwaffe.ch 21.09.2022</p>	<p>Die AVIA Luftwaffe unterstützt die Parlamentsentscheide!</p>	<p>Die AVIA Luftwaffe hat mit Genugtuung zur Kenntnis genommen, dass der Nationalrat in der aktuellen Session und im Rahmen der Beratungen zur Armeebotschaft 2022 auf den Kauf des neuen Kampfflugzeugs F-35A eingetreten ist und beschlossen hat, den entsprechenden Kaufvertrag über insgesamt 36 Flugzeuge abzuschliessen. Mit der gestern erfolgten Unterzeichnung des Vertrages zwischen der Eidgenossenschaft und den Vereinigten Staaten von Amerika wird der Grundstein für den Erhalt und die Weiterentwicklung der Luftverteidigung der Schweiz in den kommenden Jahrzehnten gelegt.</p> <p>Die AVIA Luftwaffe teilt die unterstützenden Kommentare ihrer Partnerorganisationen, welche sich für eine glaubwürdige Landesverteidigung und eine adäquate Ausrüstung der Schweizer Armee einsetzen.</p> <p>Überdies unterstützt die AVIA Luftwaffe die Parlamentsentscheide aus den folgenden Gründen:</p> <ul style="list-style-type: none"> • Der Beschaffungsauftrag wird bestätigt Der Beschluss für die Beschaffung eines neuen Kampfflugzeuges wurde am 27. September 2020 durch die Stimmbevölkerung kundgetan. Die Gültigkeit und Verbindlichkeit dieses Grundsatzentscheides sind zu beachten, da andernfalls eine Missachtung des Volkswillens vorliegen würde. Der Beschluss des Nationalrates ist somit konsequent. • Bestätigung des Evaluationsverfahrens Die Gegner der Beschaffung kritisierten wiederholt das Evaluationsverfahren. Mit dem erfolgten Beschluss des Nationalrates wird das Vertrauen in die Evaluation sowie in den Entscheid für den F-35A gestärkt. • Nicht hilfreiche Vergleiche Die Gegner der Beschaffung argumentierten in der Ratsdebatte damit, dass der F-35A ein Angriffsflieger und Tarnkappenbomber für den Einsatz im Feindesland sei. Diese Vergleiche entbehren einer seriösen Auseinandersetzung mit der Thematik. Sie sind und bleiben unstatthaft. Das Parlament ist zu Recht nicht näher auf sie eingegangen. <p>Vor diesem Hintergrund ist der kommunizierte Rückzug der Initiative «Stopp F-35» konsequent.</p>

		<p>Unter folgendem Link befindet sich die Medienmitteilung der armasuisse sowie weiterführende Informationen: https://www.ar.admin.ch/content/ar-internet/de/home.detail.nsb.html/90403.html</p>
		<p>Luft- und Marineluftstreitkräfte sowie strategische und weitere luftgestützte Einsatzmittel</p>
<p>f35.com 01.10.2022</p>	<p>USA: F-35 Lightning II Program Status and Fast Facts</p>	<p>Aircraft delivered: 840(+) Flight Hours: 570'000 Sorties: 334'759</p> <p><i>(F-35 Lightning II Program Status and Fast Facts abrufbar unter:</i> https://www.f35.com/content/dam/lockheed-martin/aero/f35/documents/October%202022%20Fast%20Facts.pdf<i>)</i></p>
<p>en.yna.co.kr 04.10.2022 15:33</p>	<p>KOR: F-35A fighters operationally unready 234 times over 18- month period: lawmaker</p>	<p>South Korea's radar-evading F-35A fighters were rated as operationally unready on 234 occasions over an 18-month period ending in June due to malfunctions, a lawmaker said Tuesday. Citing Air Force data, Rep. Shin Won-sik of the ruling People Power Party said that during the period, the fighters were grounded on 172 instances while there were 62 cases in which the jets could fly but were unable to carry out certain missions. Shin disclosed the data, stressing the South Korean military should make strenuous efforts not only to introduce such high-end weapons systems but also to maintain them. Grounded fifth-generation fighters could carry out missions for only 12 days on average last year and 11 days in the first half of this year. In comparison, the F-4E and the F-5 older generation fighters were grounded 26 and 28 times, respectively, over the 18-month period.</p> <p>The Air Force said there were no problems in maintaining the readiness posture as the F-35As met their target operation rate of 75 percent.</p> <p>It acknowledged issues in acquiring parts for defects identified in the newly introduced model, adding it will work to swiftly receive them from the manufacturer. South Korea completed the deployment of 40 F-35As in</p>

		January under the country's first project to procure the stealth fighter manufactured by U.S. defense giant Lockheed Martin.
novinky.cz 04.10.2022 16:42	CZE: F-35	Czechia officially submitted to the US government a request for proposal for the purchase of 24 F-35s.
defence-blog.com 03.10.2022	FRA: France to acquire additional new Rafale fighter jet	<p>Last week, the French Ministry of the Armed Forces confirmed that Dassault will resume the delivery of Rafale fighter jets to the French Air Force. According to some reports, like one from Les Echos, the finance law for 2023 records the resumption of Rafale fighter deliveries to the French Air Force after almost four years of interruption. The new deal will consist of two batches of fighters: one of twelve aircraft and a second of thirty. The new aircraft must be delivered between 2027 and 2030 in the F4 configuration.</p> <p>The French Air Force currently has 195 fighter planes, including 96 Rafale and 99 Mirage 2000, while the 2019-2025 military programming law plans to equip it with 225 Rafale by 2030.</p>
janes.com 30.09.2022	JPN: JASDF to upgrade F-15s, procure F-35Bs	Japan is moving ahead with plans to upgrade or retire older combat aircraft and procure additional Lockheed Martin F-35 Lightning II fighter jets. This is said to be a response to what Tokyo perceives as a worsening security situation in the region. The Japan Ministry of Defense (MoD) told Janes that about 70 Boeing (Mitsubishi) F-15 Eagles serving with the Japan Air Self Defense Force (JASDF) are to be upgraded. In its 2022 defence budget, Japan has also allocated JPY130 billion (USD899.5 million) to procure 12 new F-35A/B fighter aircraft. Japan said it will spend JPY77.9 billion to procure eight F-35As. In addition, JPY52.1 billion will be spent to procure four F-35B short take-off and vertical landing (STOVL) aircraft.
defense.gov 30.09.2022	JPN: F-15 Japan Super Interceptor Program	The Boeing Co. has been awarded an undefinitized contract action with a total not-to-exceed value of \$188,025,020. This contract modification for the F-15 Japan Super Interceptor Program provides for the Foreign Military Sales (FMS) requirement to add the Weapon System Trainer hardware and non-recurring engineering for the Japan Air Self Defense Force. Work is expected to be completed by Dec. 31, 2028. This contract involves FMS to Japan.
globaltimes.cn 29.09.2022 09:27 PM	CHN: China's YU-20 tanker aircraft hosts aerial	The Chinese People's Liberation Army (PLA) Air Force on Thursday published for the first time a video showing a YU-20 tanker aircraft hosting aerial refueling exercises for two J-20 stealth fighter jets, displaying the YU-20's high flexibility and the increasing number of J-20s in active service, analysts said. Previously, the PLA Air Force

	refueling drills for two J-20 stealth fighter jets	published a video showing a YU-20 tanker aircraft hosting aerial refueling exercises for two J-16 fighter jets, and another video showing a YU-20 hosting aerial refueling exercises for a J-16 and a J-20.
defbrief.com 29.09.2022	KWT: Kuwait welcomes another Eurofighter Typhoon pair	<p>Kuwait has welcomed two more Eurofighter Typhoon jets at the Ali Al Salem air base, in a delivery that brought the country's Typhoon fleet to six airframes. Kuwait received the first two airframes in December last year, and another two in March this year. The last Typhoons touched down on September 28 as part of a wider order for a total of 28 aircraft that will be delivered to the country's air force.</p> <p>The ferry flight for the new Kuwaiti Eurofighters was made possible thanks to support from the Italian Air Force, which provided air-to-air refueling via a KC-767A tanker from 14th Wing, Pratica di Mare. The Eurofighter Kuwait program is part of a wider and deeper collaboration between the Italian Air Force and the Kuwait Air Force, spanning over operations, pilots training and support. The Italian Air Force is ensuring the initial training of the engineers and technicians in Italy, who will later support the Typhoon fleet in country.</p>
timesaerospace.aero 28.09.2022	TUR: Turkey is first operator to complete deliveries of A400M	The Turkish air force (THK) has received its 10th and final Airbus A400M, completing deliveries of the type to the 12th Air Transport Main Base Command in Erkilet, Kayseri in Central Anatolia. Turkey's A400Ms have already been busy, operating a controversial air bridge between Turkey and Libya's Government of National Unity, and airlifting materiel to Ukraine in the run-up to Russia's invasion.
en.yna.co.kr 28.09.2022 20:54	KOR: Defense chief says indigenous KF-21 fighter will play key role for N.K. deterrence	<p>South Korea's Defense Minister Lee Jong-sup expressed expectations Wednesday that the country's homegrown KF-21 fighter under development will play a "great" role in deterring evolving North Korean threats. Lee made the remarks at a ceremony celebrating the first flight of the jet that the country has been pushing to develop by 2026 under the 8.8 trillion-won (US\$6.15 billion) project aimed at replacing the aging fleet of F-4 and F-5 fighters and bolstering air power. Built by Korea Aerospace Industries Ltd. (KAI), the fighter successfully carried out its maiden flight in July, but the test proceeded without any government-led ceremony due in part to uncertainties over whether the flight would succeed or fail. KF-21 prototypes are set to make more than 2,000 sorties to complete the development process by 2026.</p> <p>South Korea's homegrown KF-21 fighter jet is expected to achieve supersonic speeds during a flight test in the first quarter of next year, the state arms procurement agency chief has said, in what would be a key milestone in the country's weapon system acquisitions. Currently, the fighter makes up to three sorties each day under a rigorous testing process, though heavy precipitation this summer has led to a reduction in the planned flight tests, the minister said.</p>

		<p>The presence of the senior official from Indonesia, a partner country in the KF-X project, apparently highlighted the country's commitment to continuing its participation in the fighter acquisition program.</p>
<p>scmp.com 28.09.2022 05:27 PM</p>	<p>CHN: China's stealth fighter jets now seeing duty in all 5 theatre commands</p>	<p>China's military is now operating its home-grown stealth fighter jet in all five of the country's theatre commands, according to an air force spokesman. "J-20 fifth-generation fighters are operating in the east, south, west, north and central [theatre commands], are increasingly used by forces, and are flying farther and farther," Senior Colonel Shen Jinke said on Thursday. The warplane was being deployed in the East China Sea, the South China Sea and the Taiwan Strait, Shen said at a press conference promoting the China International Aviation and Aerospace Exhibition to be held in Zhuhai in November.</p> <p>A variant of the J-20 with twin seats is also being developed to allow it to take on more complex electronic warfare missions as well as missions involving drones.</p> <p>China is also developing another stealth fighter based on AVIC Shenyang Aircraft Company's FC-31 fighter, sometimes called the "J-35" or "J-XY". Fighters do not receive a J prefix unless they are commissioned by the PLA.</p>
<p>defensenews.com 27.09.2022 07:19 PM</p>	<p>USAF: US Air Force eyes NGAD deliveries by 2030</p>	<p>The U.S. Air Force's secretive, next-generation fighter platform is still in the design process and has not formally entered its engineering, manufacturing and development stage, the service's secretary said this month. Frank Kendall offered the fullest update so far on the status of NGAD during a Sept. 19 roundtable with reporters at the Air and Space Forces Association's Air, Space and Cyber conference. Kendall also said the Air Force is still aiming for production of NGAD around the end of the decade.</p> <p>Kendall's acknowledgment that NGAD has not entered the EMD phase, much less finished the design process, raises the possibility the program might not reach initial operating capability by the end of the decade, Heritage Foundation think tank fellow and former Air Force fighter pilot John Venable told Defense News. "It could happen [by 2030], but the odds are against it happening" by then, he said.</p> <p>Heather Penney, a former F-16 pilot and senior resident fellow at the Mitchell Institute for Aerospace Studies, is also wary the Air Force can achieve its goal by the end of the decade. "I have serious skepticism that NGAD will reach a meaningful full-rate production Milestone C decision by the end of the decade," Penney said. "It would be realistic to expect that full-rate production will not occur until sometime into the 2030s. I would love for the Air Force to prove this wrong." The Milestone C decision comes at the end of the EMD phase of the</p>

		acquisition process, and it is where a decision is made whether or not to move a program into the production and deployment phase.
defbrief.com 27.09.2022	AUS: Australia receives four more F-35As from the US	Four more F-35A Lightning II aircraft arrived at RAAF Base Williamtown between August 30 and September 2, bringing the Royal Australian Air Force's F-35 fleet to 54 airframes. The newest aircraft to join the fleet were accepted by No. 77 Squadron on behalf of No. 81 Wing in Air Combat Group. The latest aircraft were ferried across the Pacific Ocean as part of Exercise Lightning Ferry 22-3. This was also the third ferry flight of F-35As from the US to Australia this year. The four F-35As made the journey from United States Luke Air Force Base in Arizona with trans-Pacific stops made at Hickam Air Force Base in Hawaii and Andersen Air Force Base in Guam. They were supported by Air Mobility Group elements including a KC-30A Multi-Role Tanker Transport from No. 33 Squadron and a C-17A Globemaster from No. 36 Squadron.
janes.com 26.09.2022	TUR: Turkey touts Eurofighter plan, should F-16 talks stall	<p>Turkey has, for the first time, officially pronounced a possible purchase of Eurofighter Typhoons in case if the United States fails to sell Lockheed Martin F-16 Fighting Falcons. İbrahim Kalın, Turkey's presidential spokesperson, confirmed the previously reported plan, telling local NTV news channel on 23 September, "We have negotiations with Europe regarding [...] Eurofighter [...] Turkey will never be without alternatives."</p> <p>Turkey made a request to the United States for 40 F-16 fighters and nearly 80 modernisation kits for its existing warplanes in October 2021. The US administration warmed to the sale of the fighters to Turkey, Kalın said, as the Joe Biden administration in June threw its support behind the potential sale after Ankara lifted a veto of NATO membership for Finland and Sweden. However, a condition set out by the US House of Representatives in July 2022 to ensure that F-16 jets sold to Ankara are not used to violate Greek airspace has been rejected by Turkey.</p>
scmp.com 25.09.2022 12:00 PM	CHN: Could drone pairing be the future for China's twin-seater J-20 fighter?	The twin-seat version of China's most advanced fighter jet, the J-20, could be paired with drones to boost its firepower, a Chinese military magazine has suggested. "As Yang Wei, the chief designer of the aircraft, has already said the purpose of building such a twin-seat J-20 is not to treat it simply as a trainer, its major role then will almost certainly be to coordinate with drones," the article in Ordnance Industry Science Technology said. A prototype model of the twin-seat J-20 was unveiled in October. When paired with drones, technically known as manned-unmanned teaming, a twin-seat J-20 can perform coordinated reconnaissance, coordinated strike and coordinated command missions, according to the article. "As a manned aircraft, the J-20 can act as the commander of the drone swarm." Although the fighter can only carry four to six ground-strike munitions, its firepower can be enhanced by the swarm of drones, each of which can carry between four and 10 precision-guided munitions. The article said a J-20 with a swarm of drones could conduct tasks such as early-warning

		missions and battlefield surveillance. "We still need to develop and expand the combat strategies between a manned plane and unmanned drones," said the article.
dailysabah.com 22.09.2022 02:38 PM GMT+3	TUR/NER/TCD: Turkish Aerospace to soon deliver training aircraft to Niger, Chad	Turkish Aerospace Industries (TAI) will deliver two domestically developed Hürkuş training aircraft to Niger by the end of the year and three to Chad in the first quarter of 2023, according to a company official Thursday.
		Hubschrauber und Kipprotor-Flugzeuge
flightglobal.com 05.10.2022	ESP/PER: Spain agrees sale of six Sea Kings to Peru for 'symbolic' €600 fee	Spain has authorised the sale of six Sikorsky SH-3H Sea King helicopters to Peru for the token amount of €600 (\$596). Madrid says the sale of the decommissioned rotorcraft, which are in a poor state of readiness, will not impact Spanish naval operations as refurbished Sikorsky SH-60F helicopters will shortly be introduced.
economictimes. indiatimes.com 02.10.2022 12:37 PM IST	IND: IAF to induct indigenously-built Light Combat Helicopter tomorrow	<p>The Indian Air Force (IAF)] is all set to induct the first batch of indigenously-developed Light Combat Helicopter (LCH), in a boost to its combat prowess as the multi-role platform is capable of firing a range of missiles and other weapons. The LCH has been developed by state-run aerospace major Hindustan Aeronautics Ltd (HAL). It has been primarily designed for deployment in high-altitude regions. The 5.8-tonne twin-engine helicopter has already completed various weapons firing tests, they said. The defence ministry had said 10 helicopters would be for the IAF and five will be for the Indian Army.</p> <p>The LCH has similarities with Advanced Light Helicopter Dhruv. It has a number of stealth features, armoured-protection systems, night attack capability and crash-worthy landing gear for better survivability, officials said. The IAF has already accepted four LCH helicopters. The officials said IAF plans to procure more LCH in the near future. The future series-production version will consist of further modern and indigenous systems, they said. The Army has a plan to acquire 95 LCH largely for a combat role in the mountains.</p>
boeing.com	UARMY:	The U.S. Army is continuing to modernize its heavy-lift helicopter fleet with an order for two more Boeing

30.09.2022	U.S. Army Orders Additional Enhanced CH-47F Block II Chinooks	CH-47F Block II Chinooks and long lead funding for additional aircraft. Last year, the Army awarded Boeing a \$136 million contract for the first four CH-47F Block II aircraft, which began production in April 2022. The Lot 2 order valued at \$63 million brings the total number of aircraft under contract to six with first slated for Fiscal Year 2024. The separate Lot 3 advance procurement contract is valued at \$29 million
news.bellflight.com 28.09.2022	HRV: Bell Announces a Signed Purchase Agreement for First SUBARU Bell 412EPXs Sold in Europe	Bell Textron Inc. announced today a signed purchase agreement for two SUBARU Bell 412EPX helicopters to the Republic of Croatia's Ministry of Interior. This marks a significant milestone in the region as the first purchase agreement for SUBARU Bell 412 EPXs in Europe. The expected delivery date of the aircraft is October 2023.
airbus.com 22.09.2022	FRA: French Navy takes delivery of first H160 for search and rescue missions	<p>The French Navy has taken delivery of the first of six H160s that will perform search and rescue (SAR) missions. The aircraft is part of the interim fleet that will be delivered by the partnership formed between Airbus Helicopters, Babcock, and Safran Helicopter Engines.</p> <p>In 2020 the French Armament General Directorate (DGA) signed a contract with Airbus Helicopters, Babcock, and Safran for the delivery of four H160s in a search and rescue (SAR) configuration. In 2021, the DGA confirmed an option for two more H160s. The first H160 for the French Navy was delivered to Babcock by Airbus Helicopters in May 2022. It has since then been modified into a light military configuration by Babcock. The modular cabin was also adapted for SAR operations and a Safran Euroflir 410 electro optical system was integrated.</p> <p>The H160 will gradually start operating from the Lanveoc-Poulmic naval air station (Brittany), Cherbourg airport (Normandy), and the naval air station in Hyères (Provence). The interim fleet of H160s will ensure critical search and rescue missions while awaiting the delivery of the H160M Guépard. In the frame of the French Joint Light Helicopter (Hélicoptère Interarmées Léger: HIL) programme, 169 H160M Guépards are foreseen to replace five types of helicopters in service with the French armed forces.</p> <p><i>(Ergänzende Information defense.gouv.fr vom 22.09.2022: The use of these H160s will contribute to the development of the military version of the aircraft, the H160M, called Cheetah in the French armed forces and subject of the Helicopter Joint Light (HIL) program, and its support system, thanks to the feedback that the French Navy will be able to provide. The first Marine Cheetah is scheduled for 2029.)</i></p>

		Unbemannte Luftfahrzeuge (UAV) und Robotik
ga-asi.com 06.10.2022	RAF: Protector Completes Acceptance Test Procedures	<p>Acceptance Test Procedures (ATP) for the first Protector RG Mk1 Remotely Piloted Aircraft (RPA) system has been completed. Completion of ATP allowed for the official hand-over of the aircraft to the UK Royal Air Force (RAF), the launch customer of the MQ-9B RPA system developed by General Atomics Aeronautical Systems, Inc. (GA-ASI). Protector is a specially configured model of MQ-9B, designed to meet the unique requirements of the RAF. The first delivery of this highly capable aircraft type to RAF Waddington will occur during 2023. MQ-9B represents the next generation of RPA systems, having demonstrated airborne endurance of more than 40 hours in certain configurations, as well as a GA-ASI developed Detect and Avoid system.</p> <p>MQ-9B has garnered significant interest from customers throughout the world. After the UK Ministry of Defence selected MQ-9B SkyGuardian® for its Protector program, the Belgian Ministry of Defense signed a contract for SkyGuardian. Later this year, the Japan Coast Guard will begin operations using the MQ-9B in the SeaGuardian® configuration.</p> <p><i>(Ergänzende Information flightglobal.com vom 06.10.2022: The UK is acquiring a fleet of 16 medium-altitude, long-endurance Protectors for operation by Waddington, Lincolnshire-based 31 Sqn, along with seven ground control stations. For offensive duties, the type will be armed with MBDA Brimstone 3 air-to-surface missiles and Raytheon Systems Paveway IV precision-guided bombs.)</i></p>
janes.com 04.10.2022	FRA: France to receive long-awaited Patroller UAVs	<p>The Tactical Drone System (Système de Drone Tactique: SDT) for the French Army is soon to achieve a major milestone with delivery of the first Safran Electronics & Defense Patroller fixed-wing tactical unmanned aerial vehicles (UAVs) to the French defence procurement agency DGA. The Patroller is a medium-altitude, long-endurance platform based on the Stemme ECARYS ES15 utility aircraft that can operate for up to 15 hours at an altitude of 16,000 ft, with a line-of-sight range of 180 km and a maximum speed of 200 km/h.</p> <p>An initial five UAVs and two ground control stations will be delivered to the DGA in December, the company's press officer, Pascal Debergé, told Janes. The company was awarded a EUR350 million (USD343 million) contract on 5 April 2016 to supply 14 Patroller UAVs, six ground control stations, and associated training and support to increase the intelligence, surveillance, target acquisition, and reconnaissance (ISTAR) capability of the 61st Artillery Regiment, replacing the Safran Sperwer UAV.</p>

defence-blog.com 04.10.2022	UKR/RUS/IRN: Ukrainian Soldiers seize Iranian-made Mohajer-6 drone	Ukrainian Soldiers have showcased an Iranian-made Mohajer-6 unmanned aerial vehicle that they claimed had been captured from the Russian Army. Soldiers posted a photo of an Iranian-made drone allegedly used by the Russian military to attack Ukrainian towns. In a Tweet on Monday, the Ukrainian Defense Ministry shared an image of a Mohajer-6 equipped with Ghaem-5 TV-guided munitions and a multispectral sensor. It has a wingspan of 10 meters and is 7 meters long. The maximum flight speed is 200 km/h, the duration of the flight is 12 hours, and the maximum flight altitude is 5,400 meters. The Mohajer-6 is a tactical and combat unmanned aerial vehicle capable of carrying a multispectral surveillance payload and/or up to four precision-guided munitions. In recent weeks Russian forces have used Iranian-made unmanned aerial vehicles to hit the Odesa, Mykolaiv and Dnipro regions.
israelradar.com 29.09.2022	UKR/ISR: Israeli Anti-Drone Tech vs. Iranian UAVs in Ukraine	Ukraine's defense minister is hinting that Israel is supplying Kyiv with anti-drone technology. This follows reports that an Israeli defense company sold advanced systems to Ukraine via Poland. The Ukrainians turned to partners who are hesitant about selling weapons but have good expertise, Defense Minister Reznikov told Interfax-Ukraine. In return, Kyiv offered to hand over the remains of downed Iranian drones that are being used by Russia, he said. Israel would likely be very interested in a deal that enables it to examine Iranian UAVs and upgrade its defenses.
dailysabah.com 29.09.2022 07:41 PM GMT+3	TUR/ALB: Turkish drones to be put into service in Albania soon: PM Rama	Albanian Prime Minister Edi Rama said Turkish-made Bayraktar drones agreed to be purchased by his country will be put into service very soon. In line with new developments, we decided to buy armed drones. According to Rama, the agreement is worth \$6 million
israelradar.com 29.09.2022	ISR/UKR/POL: Israeli Anti-Drone Tech vs. Iranian UAVs in Ukraine	Ukraine's defense minister is hinting that Israel is supplying Kyiv with anti-drone technology. This follows reports that an Israeli defense company sold advanced systems to Ukraine via Poland. The Ukrainians turned to partners who are hesitant about selling weapons but have good expertise, Defense Minister Reznikov told Interfax-Ukraine. In return, Kyiv offered to hand over the remains of downed Iranian drones that are being used by Russia, he said.
lockheedmartin.com 28.09.2022	Lockheed Martin, Verizon Demonstrate 5G-Powered ISR Capabilities For Department Of Defense	In recent demonstrations, Lockheed Martin and Verizon flew 5G-enabled drones to capture and securely transfer high-speed, real-time intelligence, surveillance and reconnaissance (ISR) data from aircraft in flight to geolocate military targets. The companies demonstrated two key advances in technology that can provide critical applications for the Department of Defense (DOD):

		<ul style="list-style-type: none"> • First, real-time ISR radio frequency (RF) and streaming video data was transmitted over 5G millimeter wave links to allow advanced signal processing algorithms to be executed at the tactical edge. The data was displayed in a livestream video feed. This capability will provide enhanced levels of situational awareness and command & control (C2) for commanders and service members in the field. • Second, the technology passively detected and geolocated RF signals that could be used for communications, sensing, or jamming. This will enable the DOD to detect and target adversarial assets in a military environment.
elbitsystems.com 28.09.2022	THA: Elbit Systems Awarded a \$120 Million Contract to Supply Hermes 900 UAS to the Royal Thai Navy	Elbit Systems Ltd. announced today that it was awarded a contract valued at \$120 million to supply Hermes™ 900 Maritime Unmanned Aircraft Systems (UAS) and training capabilities to the Royal Thai Navy. The contract will be performed over a three-year period. Under the contract, Elbit Systems will provide the Rroyal Thai Navy with Hermes 900 Maritime UAS featuring maritime radar, Electro Optic payload, Satellite Communication, droppable inflated life rafts and other capabilities.
defence-blog.com 24.09.2022	TUR/SYR: Newest Turkish heavy strike drone spotted over Syria	Bayraktar Akinci, a high-altitude long-endurance (HALE) twin-engine unmanned aerial vehicle manufactured by the Turkish company Baykar was spotted during a spy mission over Syria. According to the photo circulating on social media, the Turkish drone was not armed. The new attack drone officially entered the Turkish service last August. Being much bigger than the Bayraktar TB-2, the Akinci's large combat payload capacity of 1,350 kg brings more lethal weaponry and flexible concepts of operations (CONOPS). The drone can be fitted with different weapon payloads such as laser guided smart munitions, missiles, and long-range stand-off weapons.
defense.gov 23.09.2022	USARMY: Drop-Glide Munition and UAS	Orbital Research Inc. was awarded an \$8,257,426 firm-fixed-price contract for 1,700 drop-glide munitions, and 24 unmanned aerial systems and weapon release systems. Work has an estimated completion date of Sept. 22, 2023.
norwaytoday.info 22.09.2022	NOR: The police are investigating drone sightings in the North Sea after several observations at oil platforms	The Southwestern Police District has launched an investigation after several observations of drones at several Norwegian platforms in the North Sea. In total, there have been reports of at least six sightings of unidentified drones within the safety zone of Norwegian platforms on the Norwegian continental shelf. "We take this seriously. We do not know who is behind it, and we are keeping all possibilities open," Amund Preede Revheim, section leader for the North Sea/Environment in the said police district stated. The section leader emphasized that flying drones in the safety zones around the platforms is a criminal offense if one does not have permission to do so.

<p>economictimes. indiatimes.com 22.09.2022 11:43 PM IST</p>	<p>IND: Indigenous loitering munition successfully hits target at Pokhran</p>	<p>An indigenous loitering munition, capable of operating from difficult terrain and high altitude areas, has reached a milestone by successfully demonstrating its strike capability during tests conducted at Pokhran on Thursday. Developed by Tata Advanced Systems Limited (TASL), the autonomous system is designed for Vertical Take Off and Landing (VTOL) and will soon be inducted into the armed forces. Sources told ET that the system - named ALS 50 - accurately hit the ground target with an explosive warhead during trials. The ALS 50 - which can take off like a quadcopter and transitions into fixed wing mode during flight for long distance travel - has also demonstrated its ability to operate from high altitude areas during tests in Ladakh earlier this year.</p> <p>The VTOL capability gives the system the ability to operate in areas where limited space is available, like narrow valleys, fortified mountain positions, small jungle clearings and the decks of warships. The armed forces have been looking to induct a range of loitering munitions - relatively low cost 'suicide drones' that can be used to accurately take down high value targets like command centres, missile launchers and enemy armour.</p>
		<p>Bewaffnung und weitere Nutzlasten</p>
<p>tribuneindia.com 05.10.2022</p>	<p>IND: BrahMos' range widens arc of Sukhoi ops</p>	<p>Sukhoi 30MKI fighter jets of the Indian Air Force (IAF) now carry the BrahMos missile with an extended range, widening the arc of operations. The range of the BrahMos has been extended to about 500 km, up from the previous 290 km. Of the 265 Sukhoi jets in the IAF fleet, 42 jets have undergone structural, mechanical and software modifications at Hindustan Aeronautics Limited, allowing the 2.5-tonne missile to be carried in the underbelly of the jet. The extended-range capability of the missile with the Sukhoi's 1,500-km flying radius (without mid-air refuelling) allows it to hit targets at sea and land in the Arabian Sea and the Bay of Bengal.</p> <p>The IAF is also looking to upgrade 84 of the Sukhoi jets with better weapons and sensors. Some of these could also be on the list to get the ability to carry BrahMos missile.</p> <p><i>(Ergänzende Information economictimes.indiatimes.com vom 06.10.2022 10:44 PM IST: The Sukhois will also be armed with the `Rudram' new generation anti-radiation missiles (NGARMs), which are designed to destroy a variety of enemy surveillance, communication and radar targets on the ground from stand-off distances. After Rudram-1 with a strike range of 150-km, the DRDO is also developing Rudram-2 (350-km range) and Rudram-3 (550-km) air-to-ground missiles.)</i></p>

lockheedmartin.com 05.10.2022	USARMY: U.S. Army Awards \$25.9M Contract For M299 Launchers	<p>The U.S. Army awarded Lockheed Martin a contract for M299 Launchers with a total value of \$25.9 million. This contract provides M299 All Up Launchers (AULs) and spare parts support for the U.S. Army and international customers. The M299 Launcher provides an affordable multi-platform, multi-mission capability for the HELLFIRE and Joint Air-to-Ground Missile (JAGM). It operates in severe flight environments, with a digital design that allows interface with a variety of platforms. The M299 Launcher has the unique ability to recognize and fire all HELLFIRE variants and JAGM in any sequence plausible.</p> <p>The M299 Launcher has been successfully integrated on to the AH-64D, AH-64E, Seahawk, Cobra, Tigre and numerous other platforms for U.S. and international customers. With more than 6,000 M299 Launchers currently delivered, it is currently in-service with 29 customers and has an exceeded specified operational reliability of 99% per mission.</p>
defense.gov 30.09.2022	USN: Infrared Search and Track (IRST) Infrared Receiver	Lockheed Martin Inc. is awarded a \$9,900,000 firm-fixed-price modification (P00002) to an order (N0001922F0316) against a previously issued basic ordering agreement (N0001919G0029). This modification procures special test equipment and special tooling to support the production of the Infrared Search and Track (IRST) Infrared Receiver in support of the IRST pods for F/A-18E/F aircraft. is expected to be completed in September 2024.
defense.gov 30.09.2022	USN: Infrared Search and Track System (IRST)	The Boeing Co. is awarded a \$43,512,163 firm-fixed-price order (N0001922F2016) against a previously issued basic ordering agreement (N0001921G0006). This order procures 19 Infrared Search and Track System (IRST) pods, 15 supply IRST pod spares, 34 fuel tank assemblies, 34 sensor assembly structures, as well as special tooling, non-recurring engineering, sustainment support, and data in support of the final IRST pod assemblies for the U.S. Navy. Work is expected to be completed in April 2026.
defense.gov 30.09.2022	USN: AIM-9X Block II and Block II+ System Improvement Program Increment IV	Raytheon Missiles and Defense is awarded a \$225,638,545 cost-plus-fixed-fee contract for AIM-9X Block II and Block II+ System Improvement Program Increment IV to include hardware and software development to the AIM-9X system as well as test and integration of developed hardware and capabilities. More specifically the hardware development will include updates to the AIM-9X sensor, electronics unit, and guidance unit and the software efforts include the development of the operational flight software versions 10.5 and 11.5 and integrated flight software. Additionally, this contract provides program protection, cyber security, information assurance and training for the AIM-9X system. Work is expected to be completed in September 2027.

<p>defense.gov 29.09.2022</p>	<p>USAF: Compact Air-to-Air Missile and Extended Range Air-to-Air Missile Systems</p>	<p>The Boeing Co. has been awarded a \$9,800,000 indefinite-delivery/indefinite-quantity, cost-plus-fixed-fee contract to investigate advanced missile sub-system components to support the Compact Air-to-Air Missile and Extended Range Air-to-Air Missile Systems. Work is expected to be completed by Sept. 28, 2027.</p>
<p>eurasianimes.com 27.09.2022</p>	<p>RUS: Stealth-On-Stealth! Russian Forces Are Deploying The New 'X-69' Stealthy Cruise Missile On Su-57 Fighters</p>	<p>"We are strengthening our frontline aviation, which is actively working within the framework of the NWO. The X-69 square-section missile is being put into service for destroying fixed ground targets by aircraft," reported Aleksandr Sladkov, a correspondent for Rossiya 1, part of the All-Russia State Television and Radio Broadcasting Company (VGTRK). The missile was unveiled very recently by Russia's Tactical Missile Corporation during the Army 2022 defense expo held in August near Patriot park in Moscow, Russia. However, there is no official announcement about the Kh-69 missiles.</p> <p>Developed by the State Machine-Building Design Bureau (GosMKB) "Rainbow," the Kh-69 cruise missile is intended for engaging stationary targets with known coordinates. "The Kh-69 is designed to destroy a wide range of stationary ground targets with known coordinates before launch, including those without radar, infrared and optical contrast concerning the surrounding background," according to Tactical Missile Corporation. The missile relies on a combination of inertial and satellite navigation and an Electro-Optical (EO) seeker for final guidance. As per the official data, the missile weighs approximately 770 kilograms and has an effective combat range of 290 kilometers with an operating speed of 700-1,000 kilometers per hour. The missile can be armed with a penetrating high-explosive or cluster ammunition of 300-310 kilograms. The two warhead options would allow the missile to be employed against various targets, including communications, industrial, transport, ammunition, and other military infrastructures such as airfields, fuel depots, and naval targets. The cluster warhead can be used to destroy the enemy armor, missile, communication, and air defense formations deployed in the tactical battlefield area.</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://eurasianimes.com/stealth-on-stealth-russian-forces-are-deploying-the-new-x-69-stealthy-cruise-missile-on-su-57-fighters/)</i></p>
<p>bulgarianmilitary.com 26.09.2022</p>	<p>USAF: US converted a munition that can split any Chinese ship in two</p>	<p>The GBU-31 munition can now split any Chinese ship in two. This is thanks to the Quicksink kit that gives the new weapon its name. The Quicksink can be integrated into any unguided bomb turning it into a guided munition. This could prove to be the US's search for a solution to dealing with the Chinese navy.</p>

		<p>The principle of operation is as follows: a Quicksink radar seeker is integrated into the nose of the bomb. It interacts with the GPS navigation system integrated into the tail of the Joint Direct Attack Munition [JDAM] of the Mk84 bomb. A JDAM is also a type of unguided bomb equipment kit. On the side of the whole configuration, thanks to a tensioner is an integrated camera. The interaction between all the systems of the two sets combined with the powerful charge of the bomb results in literally splitting a large battleship in two. A video shared by the Air Force Research Laboratory [AFRL] on September 19 shows just that.</p> <p>American experts claim that Quicksink allows the use of ammunition in all weather conditions. The new solution of the Navy's fleet is explained as a torpedo that hits any ship, but from the air, not underwater. Once the munition is fired, the Quicksink systems are engaged, immediately intercepting the target. The radar seeker does not miss the target even if it is moving. A hit follows. Experts say that even if it misses a direct hit on the target, the munition can cause damage to the ship, rendering it ineffective in combat.</p> <p><i>(Air Force Research Laboratory [AFRL] Video abrufbar unter: https://www.youtube.com/watch?v=Zq1UH677r9k)</i></p>
<p>raytheon.com 22.09.2022 08:32 PM EDT</p>	<p>USAF: US Air Force selects Raytheon Missiles & Defense, Northrop Grumman to deliver first hypersonic air-breathing missile</p>	<p>Raytheon Missiles & Defense in partnership with Northrop Grumman has been selected to develop the Hypersonic Attack Cruise Missile for the U.S. Air Force (USAF). HACM is a first-of-its-kind weapon developed in conjunction with the Southern Cross Integrated Flight Research Experiment (SCIFiRE), a U.S. and Australia project arrangement. Under this contract, the Raytheon Missiles & Defense and Northrop Grumman team will deliver operationally ready missiles to the USAF.</p> <p>The Hypersonic Attack Cruise Missile is an air-breathing, scramjet powered munition. Scramjet engines use high vehicle speed to forcibly compress incoming air before combustion, which enables sustained flight at hypersonic speeds – Mach 5 or greater. By traveling at these speeds, hypersonic weapons, like HACM, are able to reach their targets more quickly than similar traditional missiles, allowing them to potentially evade defensive systems. Raytheon Technologies and Northrop Grumman have been working together since 2019 to develop, produce and integrate Northrop Grumman's scramjet engines onto Raytheon's air-breathing hypersonic weapons.</p> <p><i>(Ergänzende Information defense.gov vom 22.09.2022: Raytheon Missiles and Defense has been awarded a \$985,348,124 cost-plus-fixed-fee, with performance incentives, task order for the (Anmerkung Redaktion: air-launched) Hypersonic Attack Cruise Missile (HACM). The task order provides for the HACM weapon system design, development and initial delivery through the performance of model-based critical design review, qualification, integration, manufacturing and testing. Work is expected to be completed by March 2027.)</i></p>

		<p><i>(Ergänzende Information defenseone.com vom 23.09.2022: Lockheed Martin is developing the Air-Launched Rapid Response Weapon (ARRW), a gliding hypersonic weapon.)</i></p> <p><i>(Ergänzende Information airandspaceforces.com vom 22.09.2022: The HACM is expected to be launched from the F-15 as the initial platform. With an air-breathing motor, the HACM is also potentially a longer-ranged weapon than the ARRW. The performance of the two missiles is classified.)</i></p>
		<p>Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance</p>
navair.navy.mil 03.10.2022	USN/USMC : Navy fast-tracks contract for MQ-9 Reaper advanced technology	<p>The Navy recently awarded an \$8.4 million dollar contract to multiple vendors for the Marine Corps' MQ-9 Reaper Airborne Network Extension (ANE) Skytower II (STII). Industry partners Global Air Logistics and Training (GALT), Northrop Grumman and L-3 Harris will perform work to develop the first phase of STII, a network pod that will add an additional capability to support the MQ-9 Reaper's operational missions. After the first phase of research and development is complete, the Navy and Marine Corps plan to prototype demo on surrogate aircraft and then prototype the system on an MQ-9A aircraft, Dutko said.</p> <p>STII is required to execute the Intelligence, Surveillance, and Reconnaissance (ISR) concept of operations by providing tactically relevant operational communications and data sharing capabilities at the tactical edge. It supports interoperability with existing STI capabilities to include multiple waveforms.</p> <p>The ANE will have provisions to complement a collection of onboard sensors and off-board systems, and facilitate the retransmission, cross-banding and translation of data across gateway-connected networks. It will also enhance battlespace awareness and information sharing capabilities amongst the integrated Naval and Joint Force, connecting disparate networks and enabling the execution of mission-critical information exchange requirements.</p>

		The MQ-9 Reaper provides Marines with a long-range ISR capability in support of maritime domain awareness and expeditionary advanced based operations in contested environments. MQ-9's are scheduled to deploy with this new system in 2026.
raf.mod.uk 03.10.2022	GBR/RAF : Turf cutting signals first step in preparing RAF Lossiemouth for arrival of UK E-7 Wedgetail fleet	A turf cutting ceremony has taken place to mark the first significant step in preparing RAF Lossiemouth for the arrival of the UK Wedgetail AEW Mk1 (E-7) fleet. The surveillance fleet will be located in a new facility at the Scottish base alongside the recently completed Atlantic Building, housing the UK's fleet of nine Poseidon MRA Mk1 aircraft which already operate from RAF Lossiemouth. The Wedgetail is capable of simultaneously tracking multiple airborne and maritime targets, using the information it gathers to improve situational awareness and direct assets such as fighter jets and warships. The Wedgetail has previously been used by the Royal Australian Air Force on operations against Daesh in Iraq and Syria. The target for Initial Operating Capability is 2024 for the Wedgetail AEW Mk1 Programme, marking a return to RAF Lossiemouth for 8 Squadron after an absence of 30 years.
bulgarianmilitary.com 24.09.2022	RUS: Russia is testing a Tu-214R reconnaissance aircraft over Ukraine	<p>The Russian Air and Space Forces [VKS] have tested and continue to test their new Tu-214R reconnaissance aircraft. These claims were published in several Russian media, including RIA Novosti. According to Russian military analysts, the Tu-214R was sent over to Ukraine to detect military targets. Other experts claim that the Tu-214R was used to map the current situation and detect future military structures. The Tu-214R is a relatively new aircraft in service in the Russian Federation. Designed in 2009, the aircraft was officially accepted into service in 2012. One year earlier, 2011, was the first test flight of the Tu-214R. currently, the VKS has two such aircraft, but in 2016 Moscow ordered a third.</p> <p>The information provided by Russia regarding the aircraft's capabilities is scant. What we do know, according to Russian statements, is that the Tu-214R is equipped with "several omnidirectional and side-looking radars, electronic reconnaissance equipment, as well as an electron-optical system that produces high-resolution aerial photographs." Russian sources claim that the plane detects enemy radio stations and radars 400 km away.</p>
defense.gouv.fr 22.09.2022	FRA: The Directorate General of Armaments qualifies the integration of a new communication terminal allowing the	The Directorate General of Armaments (DGA) has declared the qualification of the integration of the MIDS LVT BU2* terminal on the Awacs E-3F aircraft of the Air and Space Force. The four Awacs E-3F contribute to the missions of maintaining the permanent security posture in its aspects of air defense and the missions of power projection and support to the engagement of forces in a joint and/or interallied framework thanks to their capabilities of projection, mobility and diversity of use.

	use of the new generation link 16 on the French AWACS	This qualification comes within the framework of the latest standard evolutions of the link 16 (NATO stanag 5516 in its version applicable since 1 January 2022), tactical data link essential to the Awacs E-3F to fulfill its role as an airborne command and control center. This is a crucial step towards the upcoming commissioning of the capability, which will allow the French Awacs E-3F to be fully interoperable with the forces of the United States and NATO equipped with this new link standard 16 and the new associated cryptography. This new standard will offer improved communication throughput, cryptographic upgrades and redeployment of the frequency plan. The next-generation L16 will be used on the E-3F Awacs this fall as part of exercise Allied Tactical Leadership Course (ATLC) in the UAE.
defense.gov 22.09.2022	USN: Active Electronically Scanned Array radar system APG-79 for the F/A-18 aircraft	Raytheon Co. is awarded a \$36,466,911 firm-fixed-price delivery order (N00383-22-F-UX07) under previously awarded basic ordering agreement N00383-19-G-UX01 for the procurement of six Active Electronically Scanned Array radar system APG-79 weapon repairable assemblies (WRAs), for a total quantity of 60 WRAs, in support of the F/A-18 aircraft. Work is expected to begin October 2022 and be completed by May 2026.
baesystems.com 21.09.2022	USAF: A milestone delivery for inaugural EC-37B Compass Call	BAE Systems has designed, tested, and delivered key components for the U.S. Air Force's first EC-37B Compass Call aircraft. The delivery paves the way for developmental and operational flight testing of the Baseline 3 configuration of Compass Call in January 2023. Baseline 3 offers additional electronic warfare capabilities. Interim fielding is expected to follow the completion of testing by mid-2024. Compass Call is being redesigned from the current EC-130H airframe model to the enhanced flight performance of a commercial business jet airframe known as the EC-37B. It is the Department of Defense's only long range, full-spectrum stand-off electronic warfare jamming platform. Compass Call disrupts enemy command and control communications, radar, and navigation systems to restrict battlespace coordination. It suppresses air defenses by preventing the transmission of essential information between adversaries, their weapon systems, and control networks.

		Cyber-, Laser- und Electromagnetic-Warfare
breakingdefense.com 04.10.2022 03:24 PM	ISR: Iron Beam, Israel's laser air defense system, could be ready in 2-3 years	<p>Iron Beam is a complimentary capability to the Rafael-built Iron Dome defense system, which uses kinetic interceptors to protect Israel against incoming rockets, mortars, and small drones. The 100+ kilowatt weapon, also made by Rafael, is being funded by the Israeli Ministry of Defense fully through initial operational capability, when several of the systems will be up and running. Iron beam will never fully replace Iron Dome. Instead, Israel plans to integrate the two. The existing Iron Dome infrastructure — all the backend that makes a decision for targeting — will remain in place. Effectively, if all goes well, the Iron Beam would just be another option for the system to choose to use against incoming threats.</p> <p><i>(Vollständiger Report abrufbar unter: https://breakingdefense.com/2022/10/iron-beam-israels-laser-air-defense-system-could-be-ready-in-2-3-years/)</i></p>
defense.gov 30.09.2022	USAF: ALR-56C Radar Warning Receiver System	BAE Systems Information and Electronic Systems Integration I has been awarded a \$7,058,377 order against indefinite-delivery/indefinite-quantity contract FA8523-18-D-0001. This contract order provides for the ALR-56C Radar Warning Receiver System Software Services for F-15 Tactical Electronic Warfare System Digital Upgrades. Work is expected to be completed by March 29, 2024.
breakingdefense.com 27.09.2022 08:43 AM	USA: AFSOC AC-130J gunship to fire laser weapon in flight test in 2023	Air Force Special Operations Command will test an airborne laser in flight on an AC-130J gunship in 2023, a year later than planned. A flying demonstration of Lockheed Martin's Airborne High Energy Laser, which will be integrated on an AC-130J Ghost Rider, will start in summer 2023 and run through fall, AFSOC spokeswoman Lt. Col. Becky Heyse said in response to questions from Breaking Defense. "Results of the testing will determine future operational usage," she said. "At this time there is no concept of operation/employment developed for the [high energy laser]." Lockheed delivered the 60-watt laser to AFSOC in October 2021 after completing factory acceptance testing of the system. At that point, flight demonstrations were slated to occur in 2022.
army.mil 26.09.2022	USARMY: Directed energy weapon system points toward the future of warfare	<p>Contrary to what is in the movies, directed energy does not emit a large red laser, nor does it make a loud noise, and if done right, the target will simply fall out of the sky, not explode in brilliant shards of light, set to a John Williams score.</p> <p>But that is not to say that directed energy is not making remarkable strides in record time. Take Directed Energy Maneuver-Short Range Air Defense, or DE M-SHORAD. The U.S. Army Combat Capabilities Development</p>

		<p>Command Aviation & Missile Center and the Rapid Capabilities and Critical Technologies Office have joined with industry partners to build the next generation laser weapon. And they did it in less than two years.</p> <p>“DE M-SHORAD is a 50-kilowatt class laser weapon system on a Stryker vehicle,” said Damon Templet, DEVCOM AvMC software lead for DE M-SHORAD. “In simple terms, we have an onboard thermal and power system that dissipates heat and recharges the system’s batteries. The laser is fired off the batteries. The beam comes out of a roof-mounted beam director. If you grew up on ‘Star Wars,’ it’s a little disappointing to learn that the beam makes no sound and isn’t visible to the eye. A tracking system puts the laser beam on a target and then the optimal aimpoint is maintained until the track is neutralized.”</p>
		<p>Boden- und seegestützte Luftverteidigungssysteme</p>
lockheedmartin.com 04.10.2022	New Lockheed Martin Facility To Support Increased PAC-3 Production for the Patriot air defense system	<p>Today Lockheed Martin marked the opening of a new All-Up Round III (AUR III) facility at Camden Operations in Arkansas. The 85,000-square-foot expansion supports increased production capacity for the PAC-3 Missile Segment Enhancement (MSE), the world’s most advanced air defense missile. Lockheed Martin has steadily increased production numbers of PAC-3 MSE since achieving a full rate production decision in 2018, currently producing more than 300 PAC-3 MSEs each year and expecting to increase to 500 PAC-3 MSEs. An evolution of the battle-proven PAC-3 CRI, the PAC-3 MSE boasts a dual-pulse solid rocket motor, providing increased performance in altitude and range to defend against incoming threats, including tactical ballistic missiles, cruise missiles and aircraft.</p> <p><i>(Kurzvorstellung PAC-3 abrufbar unter:</i> https://www.lockheedmartin.com/en-us/products/pac-3-advanced-air-defense-missile.html<i>)</i></p>
defense.gov 30.09.2022	USN: Evolved Seasparrow Missile (ESSM) Block 2	Raytheon Missiles & Defense is awarded a \$55,472,695 firm-fixed-price modification to previously awarded contract (N00024-21-C-5408) for shipping containers and spare parts, including options for additional spare parts in fiscal 2023, in support of the fiscal 2021-2023 Evolved Seasparrow Missile (ESSM) Block 2 full rate production requirements. This contract combines purchases for the U.S. Navy and the governments of Canada,

		Australia, Greece, Germany, Norway, Turkey, Portugal, Belgium, the Netherlands, and Denmark under the NATO Seasparrow Consortium. Work is expected to be completed by March 2025.
defense.gov 29.09.2022	USN: Evolved Seasparrow Missile (ESSM) Block 2	Raytheon Missiles & Defense is awarded a \$35,991,238 firm-fixed-price modification to previously awarded contract (N00024-21-C-5408) for test and evaluation equipment in support of the fiscal year 2021-2023 Evolved Seasparrow Missile (ESSM) Block 2 full rate production requirements. Work is expected to be completed by March 2025.
pib.gov.in 27.09.2022 06:20 PM	IND: Successful Flight Tests of Very Short Range Air Defence System (VSHORADS) Missile by DRDO	DRDO conducted two successful test flight of Very Short Range Air Defence System (VSHORADS) missile on 27 Sep 2022 from a ground based portable launcher at the Integrated Test Range, Chandipur, off the coast of Odisha. VSHORADS is a Man Portable Air Defence System (MANPAD) designed and developed indigenously by DRDO's Research Centre Imarat (RCI), Hyderabad in collaboration with other DRDO laboratories and Indian Industry Partners. VSHORADS missile incorporates many novel technologies including miniaturized Reaction Control System (RCS) and integrated avionics, which have been successfully proven during the tests. The missile, meant for neutralizing low altitude aerial threats at short ranges is propelled by a dual thrust solid motor. The design of the missile including launcher has been highly optimized to ensure easy portability. Both the flight tests have completely met the mission objectives.
reuters.com 25.09.2022 08:05 PM GMT+2	USA/UKR: Ukraine receives U.S. air defense system	<p>President Volodymyr Zelenskiy said in an interview broadcast on Sunday that Ukraine had received sophisticated air defence systems from the United States. It was the first acknowledgment that Ukraine had received the National Advanced Surface-to-Air Missile System (NASAMS), long sought by Kyiv and whose shipment was approved by Washington late last month.</p> <p><i>(Ergänzende Information rferl.org vom 25.09.2022: Ukrainian President Volodymyr Zelenskiy has said that U.S. President Joe Biden's administration had already decided to provide Ukraine with sophisticated air-defense systems known as NASAMS as Kyiv fights off a seven-month-old Russian military invasion. It is thought to be the first public acknowledgement by either side that Ukraine was being given the National Advanced Surface-to-Air Missile System. There was no immediate confirmation from U.S. officials of the decision, which reportedly came in late August. "We absolutely need the United States to show leadership and give Ukraine the air-defense systems. I want to thank President Biden for a positive decision that has been already made," Zelenskiy said in the interview broadcast on September 25, as quoted by Reuters.)</i></p> <p><i>(Ergänzende Information reuters.com vom 27.09.2022 10:44 PM GMT+2: The United States will not start delivering sophisticated NASAMS air defenses to Ukraine for another two months or so, the Pentagon said on Tuesday, disputing reports suggesting Ukraine had already received them. "The U.S. has not delivered NASAMS to Ukraine at this stage. We</i></p>

		<i>expect the first two to be delivered within the next two months or so," Brigadier General Patrick Ryder, a Pentagon spokesman, told a news briefing. NASAMS have long been sought by Kyiv. The United States has approved sending Ukraine a total of eight NASAMS so far, and Ryder said the remaining six would be "longer term" deliveries.)</i>
jpost.com 22.09.2022 18:26	ARE: Israel to sell air defense system to United Arab Emirates, sources say	<p>Israel has agreed to sell an advanced air defense system to the United Arab Emirates, two sources familiar with the matter said, in the first such known deal between them since they forged ties in 2020. Israel and the US-allied UAE share an ultimate fear that Iran obtains a nuclear weapon, an ambition Tehran denies. Israel approved a UAE request in the middle of the summer and would supply the Gulf state with Rafael-made SPYDER mobile interceptors, two sources said, declining to provide further details due to the sensitive nature of the deal. It was not immediately clear how many interceptors, which are fitted to vehicles and can defend against short to long-range threats, would be supplied, or if any had so far been shipped. A third source said the UAE had acquired Israeli technology capable of combating drone attacks like those that struck Abu Dhabi earlier this year. Israel's defense ministry and SPYDER manufacturer Rafael declined to comment. The UAE's foreign ministry did not comment.</p> <p>The need to bolster the UAE's air defense capabilities increased after a series of missile and drone strikes on the Gulf state in January and February. Most of the attacks were intercepted, but a strike killed three civilians in Abu Dhabi. That strike rattled the leaders of the UAE, which has long boasted of its security and stability in a tumultuous region, foreign diplomats said. An under-construction terminal at Abu Dhabi airport was also hit, injuring civilian workers, sources briefed on the attacks said. At least some missiles and drones flew at low-altitude to escape detection by the UAE's US-built Terminal High Altitude Area Defense (THAAD) and Patriot interceptors, the sources said. Rafael says SPYDER can defend large areas from threats such as drones, cruise missiles, attack aircraft, helicopters, and bombers, including from low altitude.</p>
bmvg.de 22.09.2022	DEU: Bundestag genehmigt neue Lenkflugkörper für die Marine	<p>Der Haushaltsausschuss des Deutschen Bundestages hat am 21. September der Beschaffung von 600 RAMRolling Airframe Missile Block 2B zugestimmt. Das Waffensystem ist eine Weiterentwicklung der bereits von der Marine genutzten Lenkflugkörper RAMRolling Airframe Missile (Rolling Airframe Missile).</p> <p>Die deutsche Marine verwendet bereits die Lenkflugkörper RAMRolling Airframe Missile Block 1A und RAMRolling Airframe Missile Block 2 auf allen Fregatten und Korvetten K130 für den Eigenschutz in der Luftverteidigung. Mögliche Ziele sind zum Beispiel gegnerische Lenkflugkörper, Flugzeuge oder Hubschrauber, die ein deutsches Schiff angreifen.</p>

		Bei RAMRolling Airframe Missile Block 2B wurde unter anderem der Infrarot-Suchkopf weiterentwickelt und zwischen den Flugkörpern einer Salve können nun Daten ausgetauscht werden (missile-to-missile link). Auch die Fregatten der Klasse 126 (frühere Bezeichnung Mehrzweckkampfschiff MKS180) sollen künftig mit RAMRolling Airframe Missile ausgestattet werden. Das Projekt RAMRolling Airframe Missile basiert auf einer seit 1976 bestehenden, gleichberechtigten Kooperation zwischen Deutschland und den USA. Die 600 Lenkflugkörper werden, verteilt auf die Jahre zwischen 2024 und 2029, ausgeliefert.
		Boden- und seegestützte Einsatzkräfte, Strategische Kampfmittel und Space Forces
scmp.com 04.10.2022 07:23 PM	CHN: China airs footage of aircraft carrier killer nuclear missiles 'in warning to US'	<p>Chinese state media aired footage of the country's most powerful strategic nuclear-capable weapons, including anti-ship "carrier killers", to mark National Day, a move seen as a warning to the US as tensions escalate between the rival powers. Anti-aircraft carrier DF-21D and DF-26B ballistic missiles as well as new-generation DF-41 intercontinental ballistic missiles (ICBM) – all part of the Dongfeng series – were on display in the new footage for state-owned China Central Television, as part of an eight-part documentary series.</p> <p>The two anti-ship missiles would pose a threat to US carriers, while the DF-41 ICBM was capable of carrying multiple nuclear warheads with a range of over 12,000km (7,450 miles) to hit any target on the US mainland, noted defence experts, who see the documentary as aimed at strategic deterrence. At least a dozen DF-26B missiles with launchers, equal to an entire missile brigade, were on show in the CCTV series which aired over the past week to mark the 73rd anniversary of the founding of the People's Republic.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> https://www.scmp.com/news/china/military/article/3194806/china-airs-footage-anti-ship-carrier-killer-nuclear-missiles<i>)</i></p>
navy.mil 29.09.2022	USN: Five years into service, USS Ford will exercise in the Atlantic ahead of a full deployment in 2023.	The Navy's newest and most advanced aircraft carrier USS Gerald R. Ford (CVN 78) will deploy and operate alongside a coalition of allied forces together in the Atlantic area of operations, Monday, October 3. The deployment involves approximately 9,000 personnel from nine nations, 20 ships and 60 aircraft. The nine participating nations are: U.S, Canada, Denmark, Finland, France, Germany, the Netherlands, Spain, and Sweden.

<p>defense.gov 26.09.2022</p>	<p>USARMY: Precision Strike Missile (PrSM)</p>	<p>Lockheed Martin Missiles and Fire Control was awarded a \$77,420,000 modification (P00019) to contract W 31P4Q-21-C-0042 for procurement of 54 missiles for the Precision Strike Missile. Work has an estimated completion date of Sept. 30, 2025. <i>(Kurzbeschreibung PrSM abrufbar unter:</i> https://www.lockheedmartin.com/en-us/products/precision-strike-missile.html)</p> <p><i>(Ergänzende Information news.lockheedmartin.com vom 27.09.2022: The U.S. Army has awarded Lockheed Martin (NYSE: LMT) a \$158 million contract to produce additional Early Operational Capability (EOC) Precision Strike Missiles (PrSM). This is the second production contract received to date and follows a successful Manufacturing Readiness Assessment milestone visit with the Army – a critical step in the development program advancing PrSM closer to fielding. Lockheed Martin is currently building PrSMs to fulfill the Army’s initial production contract and additional rounds that will be used in upcoming system qualification tests. EMD will result in a fully qualified system and is the last phase of the development program before a full-rate production decision will be made in 2025. The next set of flight tests will begin in 2023. These tests follow a record-setting flight surpassing 499 km last year at Vandenberg Space Force Base in California. PrSM is the Army’s next-generation tactical missile supporting the number one modernization priority for Long-Range Precision Fires (LRPF).</i></p>
<p>globaltimes.cn 24.09.2022 12:50 PM</p>	<p>CHN: China's 3rd aircraft carrier starts mooring trials ahead of 10th anniversary of commissioning of the country's first carrier</p>	<p>Celebrating the upcoming 10th anniversary of the commissioning of the country's first aircraft carrier, the Liaoning, on Sunday, China Central Television (CCTV) announced on Friday that the country's third aircraft carrier, the Fujian, is conducting mooring trials as planned. Having a displacement of more than 80,000 tons and being the country's first carrier equipped with electromagnetic catapults and arresting devices, the Fujian was launched in Shanghai on June 17. Since this is China's first large aircraft carrier equipped with catapults, the outfitting work might take longer than usual to make sure everything is done properly, Song Zhongping, a Chinese military expert and TV commentator said.</p> <p>In another development, the Liaoning, which is about to celebrate its 10th anniversary of service, recently conducted an exercise in the Bohai Sea, and CCTV for the first time released footage showing a fully loaded Liaoning, with 24 J-15 fighter jets, two Z-8 helicopters and a Z-9 helicopter on its flight deck.</p> <p>The Liaoning and the country's second aircraft carrier, the Shandong, recently held exercises in the Yellow Sea and the South China Sea, another report by CCTV said. As China enters the 10th year of aircraft carrier operation, all three of its carriers are rapidly increasing their capabilities, observers said.</p>
<p>economictimes. indiatimes.com</p>	<p>IND:</p>	<p>A Rs 1,700-crore agreement for the supply of additional BrahMos supersonic cruise missiles was signed on Thursday between the Defence ministry's acquisitions wing and the M/s BrahMos Aerospace Pvt Ltd. This takes</p>

<p>22.09.2022 08:04 PM IST</p>	<p>Deal signed for Rs 1,700 cr worth of additional BrahMos missiles for India's warships</p>	<p>the worth of total contracts signed so far for these missiles to over Rs 38,000 crore. The “dual role” surface-to-surface missiles (capable of both land attack and anti-ship attacks) have a strike range of 290-km. They are meant for use by Indian Navy's main warships. Ten frontline warships of the Navy are already armed with the missiles, while the vertical launch systems have also been installed on another five warships.</p> <p>BrahMos missiles are of the "air-breathing" type. They fly at Mach 2.8, which almost three times the speed of sound. They are now the precision-strike conventional (non-nuclear) weapon. According to an earlier Tol report, the range of these missiles, jointly produced by Russia, has also been extended from the original 290-km to 350-400-km now, while a 800-km variant is also in the works.</p> <p>The Army has deployed its BrahMos missile batteries Ladakh and Arunachal Pradesh along with other weapon systems in view of the border tug-of-war with China. The Air Force has inducted two land-based BrahMos squadrons. The air-launched version is being fitted on Sukhoi-30MKI fighter jets in a progressive manner.</p>
<p>timesofisrael.com 22.09.2022 06:10 PM</p>	<p>IRN: Iran showcases new precision ballistic missile in military parade</p>	<p>Iran unveiled a new medium-range ballistic missile on Thursday during a military parade commemorating the Iran-Iraq war, state television said. “The liquid-fueled Rezvan ballistic missile has an operational range of 1,400 kilometers (870 miles),” said the station, which aired images of the missile mounted on a military vehicle.</p> <p>In February, the Guards announced the creation of the Kheibar Shekan, a medium-range missile capable of “hitting targets within a radius of 1,450 kilometers (900 miles).”</p> <p>The London-based research institute said the Islamic Republic’s priority was to make its missiles more precise. The International Institute for Strategic Studies says Iran has around 20 types of ballistic missiles as well as cruise missiles and drones.</p> <p><i>(Ergänzende Information tasnimnews.com vom 22.09.2022 12:25: Rezvan is a liquid-fuel single-stage missile with a detachable warhead that has a range of up to 1,400 kilometers. It can be launched from a variety of fixed and mobile platforms. During the parades, a missile system, dubbed Khaybar Shekan, was also put on display. The missile, which has been previously unveiled, has a range of 1,450 kilometers and enjoys high agility. It is capable of striking its designated targets with pinpoint accuracy. Khaybar Shekan is reportedly among third-generation long-range missiles indigenously developed and manufactured by military experts at the IRGC’s Aerospace Division. It uses solid propellants and is said to be capable of penetrating into missile shields with high maneuverability during its landing stage.)</i></p>
<p>mbda-systems.com 21.09.2022</p>	<p>MBDA unveils Land Precision Fires family</p>	<p>MBDA’s new surface-to-surface fires capabilities for the British Army are being showcased for the first time at Defence Vehicles Dynamics (DVD) 2022. MBDA’s ‘Land Precision Fires Family’ comprising Surface-Launched</p>

		<p>Brimstone and Land Precision Strike (LPS) are weapons that provide precision at layered ranges, operating 24/7 with low collateral effects across a wide range of operational scenarios, from peer conflict to a limited sub threshold operation. They will help commanders to win the deep fight and shape the close fight.</p> <p>Brimstone’s ‘one missile, multi-platform’ versatility is being showcased at DVD2022, including:</p> <ul style="list-style-type: none"> • Brimstone on Boxer The Brimstone on Boxer concept being showcased at DVD has been created by both RBSL and MBDA in response to British Army’s need for a Mounted Close Combat Overwatch (MCCO) capability, as part of its future anti-armour needs known as Battle Group Organic Anti-Armour (BGOAA). Engaging quickly to deliver precision anti-armour effects at long ranges, the Brimstone on Boxer mission module provides the capability for Heavy Combat Teams to repel adversary formations and single targets. Rapidly providing an initial capability with current equipment and then spirally developing with broader battlefield integration is at the heart of this concept. • Brimstone on High Mobility Transporter HMT600 series The Brimstone on HMT600 concept has been created by both Supacat and MBDA to provide the Light Forces tactical commander with a similar and complementary organic Overwatch capability to rapidly deliver precision anti-armour effects at long ranges and in volume. Potentially integrating with in-service equipment such as the Forsberg Fused Target Locator (FTL) and MANTIS Battlefield Management System and also spirally developing over time. • Land Precision Strike Land Precision Strike (LPS) responds to the emerging artillery need to defeat high-value targets in the deep battle; targets which may be relocatable and fleeting in nature. So achieving a disproportional operational effect on the adversary. <p>The plan is to be able to fire the LPS missile from a range of launchers including M270 MLRS, satisfying MOD’s “one platform, many weapons” objective.</p>

		Air Power
taiwannews.com.tw 07.10.2022 10:06	TWN/CHN: Taiwan tracks 9 Chinese military aircraft, 4 naval ships around country	<p>The Ministry of National Defense (MND) tracked nine Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Thursday (Oct. 6). Of the nine People's Liberation Army (PLA) aircraft, one Shaanxi Y-8 anti-submarine warfare plane was monitored in the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No PLA aircraft crossed the Taiwan Strait median line on Thursday.</p> <p>Beijing has sent 95 Chinese military aircraft and 24 naval ships around Taiwan so far in October. Since September 2020, China has increased its use of gray zone tactics by routinely sending aircraft into Taiwan's ADIZ.</p>
reuters.com 06.10.2022 08:37 PM GMT+2	USA/SYR: Rare U.S. raid in Syrian govt-held zone kills Islamic State commander	<p>A rare U.S. helicopter raid on a government-held village in Syria's northeast killed an Islamic State official hiding out there on Thursday, two security sources and a U.S. official said. The United States has carried out previous raids in Syria against members of Islamic State, but Thursday's would be the first known operation in a zone held by forces loyal to President Bashar al-Assad. Early on Thursday, U.S. special forces carried out a rare operation on the government-held village of Muluk Saray in the northeastern province of Hasakeh, Syrian state television said in its Telegram channel. It said one person was killed and others were captured. It gave no further details on their identities.</p> <p>A U.S. official, speaking on condition of anonymity, said one Islamic State official was killed, another member was wounded and two people were detained in the U.S. raid. The raid targeted an Islamic State member responsible for beheading members of the U.S.-backed Syrian Democratic Forces, the U.S. official added. The local source said U.S. forces also raided a building used by Syrian security and detained "several people" there. Other residents of the area confirmed the raid to Reuters. One said that U.S. helicopters landed in the village after midnight and told residents by loudspeaker to stay indoors and keep their lights off. The resident said the operation lasted several hours and that there was no exchange of fire with the U.S. troops.</p> <p><i>(Ergänzende Information jpost.com vom 07.10.2022 03:07: The US military said it carried out an air strike on Thursday in northern Syria that killed two Islamic State members including a leader it named as Abu-Hashum al-Umawi. The strike came just hours after a rare US helicopter raid on a government-held village in Syria's northeast killed another Islamic State official.)</i></p>

<p>taiwannews.com.tw 06.10.2022 10:10</p>	<p>TWN/CHN: Taiwan tracks 33 Chinese military aircraft, 4 naval ships around country</p>	<p>The Ministry of National Defense (MND) tracked 33 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Wednesday (Oct. 5). Of the 33 People’s Liberation Army (PLA) aircraft, four Shenyang J-11 fighter jets crossed the Taiwan Strait median line in the northeast sector of the nation’s air defense identification zone (ADIZ), while four Shenyang J-16 jet fighters crossed the line in the southwest portion of the ADIZ, according to the MND. Meanwhile, one Shaanxi Y-8 anti-submarine warfare plane was monitored in the southwest corner of the identification zone.</p>
<p>en.yna.co.kr 06.10.2022 07:14</p>	<p>PRK/KOR: N. Korea fires 2 short- range ballistic missiles into East Sea: S. Korean military</p>	<p>North Korea fired two short-range ballistic missiles toward the East Sea on Thursday, South Korea's military said, after a U.S. nuclear-powered aircraft carrier was redeployed to the waters the previous day. The Joint Chiefs of Staff (JCS) said it detected the launches from the Samsok area in Pyongyang between 6:01 a.m. and 6:23 a.m. It said one SRBM flew more than 350 kilometers at an apogee of roughly 80 km, with the other traveling around 800 km at the maximum altitude of some 60 km. The launches came just two days after the North's intermediate-range ballistic missile (IRBM) launch over Japan and marked the North's sixth missile test in under two weeks.</p> <p>The USS Ronald Reagan returned to waters east of South Korea after it departed last week following an exercise with the South Korean Navy and then trilateral anti-submarine warfare drills involving Japan. The carrier is expected to engage in another trilateral exercise with Japan in the international waters of the East Sea later in the day.</p>
<p>timesofisrael.com 05.10.2022 09:01</p>	<p>RUS/UKR: Russia uses Iran-made suicide drones to attack Ukrainian town near Kyiv</p>	<p>One person was injured in an attack with Iranian-made drones in the town of Bila Tserkva southwest of Kyiv, the region’s governor said Wednesday. “During the night, the enemy carried out strikes with Shahed-136 type kamikaze drones against Bila Tserkva,” governor Oleksiy Kuleba said on social media. Kuleba said there were “six hits and explosions” in the town 100 kilometers (62 miles) south of Kyiv, whose pre-war population was around 200,000. “One person was injured. Several infrastructure facilities were damaged,” he said. The Ukrainian army’s Operational Command South said on Telegram that it had shot down six drones of the same type during the night, without specifying their exact location.</p>
<p>ekathimerini.com 05.10.2022 19:22</p>	<p>GRC/TUR: Turkish UAV flies again over Greek islets</p>	<p>A Turkish Unmanned Aerial Vehicle (UAV) entered Athens FIR without submitting a flight plan for a second time on Wednesday, violating Greek airspace. The military drone flew over Mavra, two skerries east of the island of Amorgos and west of Kalymnos, at 5.44 p.m. at a height of 19,000 feet. Just 40 minutes earlier, the same UAV had flown over the rock islet of Kalogeri at 19,000 feet. The drone was identified and intercepted in accordance with international rules of engagement.</p>

reuters.com 05.10.2022 05:56 PM GMT+2	ETH: More than 50 killed in northern Ethiopia air strike -aid workers and Tigray forces	More than 50 people were killed in an air strike on Tuesday that hit a school in northern Ethiopia's Tigray region that was sheltering people displaced by conflict between the federal and regional governments, two aid workers and Tigray forces said. The air strike in the town of Adi Daero, some 40 km from the border with Eritrea, appears to be one of the deadliest carried out during the nearly two-year war, which has killed thousands and uprooted millions. Survivors of the strike told humanitarian workers after fleeing to the town of Shire, about 25 km (15 miles) away, that at least 50 people had been killed and more than 70 injured, an aid worker in Shire told Reuters. The survivors said they had heard what sounded like a drone, this aid worker said.
taiwannews.com.tw 05.10.2022 09:47	TWN/CHN: Taiwan tracks 9 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense (MND) tracked nine Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Tuesday (Oct. 4). Of the nine People's Liberation Army (PLA) aircraft, one Shaanxi Y-8 anti-submarine warfare plane and one Shaanxi Y-9 electronic warfare plane were monitored in the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No PLA aircraft crossed the Taiwan Strait median line.
tasnimnews.com 04.10.2022 17:27	IRN/IRQ: IRGC Launches New Attacks on Terrorists in Northern Iraq	The Islamic Revolution Guards Corps (IRGC) carried out a new round of attacks on the positions of terrorist groups in the Iraqi Kurdistan Region on Tuesday. The IRGC Ground Force targeted the positions of terrorists in Sidekan, Halgurd heights and Barbazin in the Iraqi Kurdistan Region on Tuesday. Mohajer-6 drones and multiple rocket launchers were used in a series of drone and artillery attacks with pinpoint accuracy. The new offense follows four similar operations on September 24, 26, and 28 and October 2. In comments on September 28, IRGC Ground Force Commander Brigadier General Mohammad Pakpour said 73 ground-to-ground ballistic missiles and tens of suicide drones have precisely hit the positions of terrorists inside the Iraqi Kurdistan Region and destroyed the targets completely. He added that the targets scattered in 42 locations, some of which were at least 400 kilometers apart, have been pounded in that round of attacks, saying the targets definitely belonged to the anti-Iranian terrorist groups.
taiwannews.com.tw 04.10.2022 09:35	TWN/CHN: Taiwan tracks 14 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense tracked 14 Chinese military aircraft and four naval ships around Taiwan as of 5 p.m. on Monday (Oct. 3). Out of the 14 People's Liberation Army (PLA) aircraft, only one Shaanxi Y-9 electronic warfare plane was monitored in the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No PLA aircraft crossed the Taiwan Strait median line.
en.yna.co.kr 04.10.2022	PRK:	North Korea fired an intermediate-range ballistic missile (IRBM) over Japan on Tuesday in its first launch of an IRBM in eight months, according to South Korea's military. The Joint Chiefs of Staff (JCS) said it detected the

10:09	N. Korea fires IRBM over Japan: S. Korean military Defense 10:09 October 04, 2022	<p>launch from Mupyong-ri in the northern province of Jagang at 7:23 a.m. and that the missile flew some 4,500 kilometers at an apogee of around 970 km at a top speed of Mach 17. The missile flew past Japan, it added, saying the intelligence authorities of South Korea and the United States are conducting a detailed analysis to verify the specifics of the missile.</p> <p>Pyongyang last fired an IRBM in January. The Hwasong 12-type missile flew some 800 kilometers at a top altitude of 2,000 km. The North launched one short-range ballistic missile (SRBM) on Sept. 25, then two last Wednesday, another two the following day and two on Saturday.</p> <p>The latest saber-rattling came after Seoul and Washington wrapped up their naval exercise, involving the USS Ronald Reagan aircraft carrier, and a trilateral anti-submarine exercise with Japan last week.</p> <p><i>(Ergänzende Information en.yna.co.kr vom 05.10.2022 11:17: South Korea and the United States fired four ground-to-ground missiles into the East Sea on Wednesday in joint drills, a day after North Korea's intermediate-range ballistic missile (IRBM) launch, according to the South's military. The two sides each launched two Army Tactical Missile System (ATACMS) missiles, which precisely hit mock targets and demonstrated the allies' deterrence capability, the Joint Chiefs of Staff (JCS) said. The South's military, meanwhile, fired one Hyunmoo-2 ballistic missile, but it fell within the base after an abnormal flight. The propellant was burned, while the warhead itself did not explode, a military official said on background. South Korea and the U.S. held a joint air training Tuesday, in which a South Korean F-15K fighter fired two Joint Direct Attack Munition (JDAM) precision bombs at a firing range on a Yellow Sea island.)</i></p>
thehill.com 04.10.2022 01:03 MS	USA/SOM Al-Shabaab leader killed in US airstrike	<p>U.S. forces over the weekend conducted an airstrike in Somalia that killed a top leader of the al-Shabaab extremist group, the Pentagon said Monday. In coordination with the Somali government, U.S. Africa Command (Africom) conducted the airstrike on Saturday, Oct. 1, near Jilib, roughly 370 kilometers southwest of Mogadishu.</p> <p><i>(Ergänzende Information reuters.com vom 03.10.2022 07:01 PM GMT+2: Somalia's government said the leader was one of the co-founders of the al-Qaeda linked movement that has killed tens of thousands of people in bombings since 2006. It named him as Abdullahi Nadir, al-Shabaab's chief prosecutor, who it said had been in line to replace the group's ailing leader, Ahmed Diriye. There was no immediate comment on the strike from al-Shabaab.)</i></p>
ukdefencejournal.org.uk 03.10.2022	GBR/NATO: Typhoon jets fly from UK to Poland to patrol NATO border	<p>British Typhoon jets and a Voyager tanker have flown from Scotland to Poland and back as part of Britain's effort to help secure the eastern border of NATO. Taking off this morning, the aircraft returned home this evening after operating in Polish airspace.</p>

		In April, Royal Air Force Typhoon jets and a Voyager tanker flew to Portugal to demonstrate their ability to project airpower over the Atlantic and Western Mediterranean.
taiwannews.com.tw 03.10.2022 10:12	TWN/CHN: Taiwan tracks 22 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense (MND) tracked 22 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Sunday (Oct. 2). Out of the 22 People's Liberation Army (PLA) aircraft, two Shenyang J-11 fighter jets crossed the Taiwan Strait median line in the northeast sector of Taiwan's air defense identification zone (ADIZ), while two Shenyang J-16 fighter jets crossed the median line in the southwest sector of the zone, according to the MND. Meanwhile, one Shaanxi Y-8 reconnaissance plane, one Shaanxi Y-9 electronic warfare plane, one Harbin BZK-005 reconnaissance drone, and one CH-4 combat reconnaissance drone were monitored in the southwest corner of Taiwan's ADIZ.
jpost.com 03.10.2022 02:52	UKR/RUS: More Iranian suicide drones used by Russia downed in Ukraine	<p>Ukraine's Air Force shot down five out of seven Iranian-made Shahed-136 drones that Russia has been using to attack the Mykolaiv region recently. The spokesperson of the General Staff of the Armed Forces of Ukraine, Alexander Stupun released a statement, according to multiple Ukrainian news sites. "Over the past 24 hours, the opponent launched 4 missiles and 16 air strikes. The enemy uses Iranian-made Shahed-136 drones to strike infrastructure. More than 30 settlements were affected by the enemy strikes."</p> <p><i>(Ergänzende Information tasnimnews.com vom 03.10.2022 17:29: The spokesman for the Iranian Foreign Ministry rejected reports that Iran has provided Russia with drones for use in the war in Ukraine. Asked by journalists about comments from the Ukrainian officials that the Russian army has employed Iranian drones in the war in the country, Nasser Kanaani said on Monday, "The Islamic Republic of Iran considers the reports released about delivering drones to Russia for use in the Ukraine war as baseless and would not confirm them.")</i></p>
stripes.com 02.10.2022	USMC: Marines make 6,100- mile trans-Pacific flight in Ospreys	<p>Hawaii-based Marines with Marine Medium Tiltrotor Squadron 268 recently concluded their deployment to Australia as part of Marine Rotational Force-Darwin with a 6, 100-mile, island-hopping flight home. They left Darwin in Australia's Northern Territory on Sept. 13, with two Marine Corps V-22 Osprey tilt-rotors and one KC-130J refueling aircraft departing for Royal Australian Air Force Base Amberley in Queensland. Over the next several days, the Marines would land in Fiji, American Samoa and the Republic of Kiribati before completing the final leg to Marine Corps Base Hawaii at Kaneohe Bay on Sept. 18.</p> <p>The pathway of the multiday flight deliberately evoked the history of the Marine Corps' Pacific campaigns of World War II at a time when the region is increasingly a focus for the military. "Each stop on the trans-Pacific flight — Australia, Fiji, American Samoa and the Republic of Kiribati — are historically significant in the South Pacific and steeped in Marine Corps lore," said Marine spokesperson Capt. Jordan Fox. "The islands served as</p>

		<p>expeditionary staging bases for the U.S. and its allies in World War II, places that led ultimately, to the lasting peace, prosperity and security present in the region for nearly 80 years.”</p> <p>Marine leaders envision a return to the sort of island and coastal operations that defined World War II in the Pacific, with a 21st century twist. They see a future where Marines rely on anti-ship missiles, drones, cyberwarfare and other new technology as they wreak havoc on enemy naval forces from island and coastal fighting positions. “MV-22s, coupled with KC-130s, provide unparalleled mobility at the tactical level,” said Marine Aircraft Group 24 commander Col. Manlee Herrington in a news release. “With these aircraft, MAG-24 can put Marines and equipment anywhere in the Pacific.”</p>
<p>en.yna.co.kr 01.10.2022 11:48</p>	<p>PRK: N. Korea fires 2 ballistic missiles into East Sea: S. Korean military</p>	<p>North Korea fired two short-range ballistic missiles into the East Sea on Saturday, South Korea's military said, in its fourth such provocation in less than a week. The Joint Chiefs of Staff (JCS) said it detected the launches from the Sunan area in Pyongyang between 6:45 a.m. and 7:03 a.m. and that the missiles flew some 350 kilometers at apogees of around 30 km at top speeds of Mach 6. The launches came just hours before South Korea was set to hold an event marking the Armed Forces Day with its key military assets on display. The previous day, the South, the United States and Japan staged an anti-submarine warfare exercise in the East Sea.</p> <p>The latest launches followed earlier provocations on Sunday, Wednesday and Thursday.</p> <p>Military authorities have been looking into possibilities that the North's recent launches might have involved its KN-23, KN-24, the KN-25 super-large multiple rocket launcher or other short-range platforms. The KN-23 and KN-24 are modeled after Russia's Iskander ballistic missile and the U.S.' Army Tactical Missile System (ATACMS), respectively. Both KN-23 and KN-24 missiles are known for "pull-up" maneuvers to avoid interception.</p>
<p>itamilradar.com 30.09.2022</p>	<p>ITA: Italian CAEW over eastern Poland</p>	<p>Surveillance mission for an Italian Air Force Gulfstream E.550 CAEW (reg. MM62303 – callsign PERSEO71). The aircraft took off from Pratica di Mare AB at 09:45 CEST and is now orbiting over eastern Poland near the border with Ukraine. From this position, the aircraft can cover the whole of western Ukraine, Belarus and Kaliningrad Russian enclave. It is the third time that we track an Italian CAEW operating in this area, usually the missions have always taken place over Romania.</p>
<p>itamilradar.com 30.09.2022</p>	<p>USAF/NATO: Continuous surveillance</p>	<p>While a USAF Northrop Grumman RQ-4B (reg. 11-2046, callsign FORTE11) is returning to Sigonella after a surveillance mission of about 21 hours south of Crimea, another USAF Northrop Grumman RQ-4B (reg. 10-2045, callsign FORTE10) is in flight over the Black Sea to carry out a new surveillance mission.</p>

itamilradar.com 30.09.2022	USAF: Continuous surveillance	While a USAF Northrop Grumman RQ-4B (reg. 11-2046, callsign FORTE11) is returning to Sigonella after a surveillance mission of about 21 hours south of Crimea, another USAF Northrop Grumman RQ-4B (reg. 10-2045, callsign FORTE10) is in flight over the Black Sea to carry out a new surveillance mission.
taiwannews.com.tw 30.09.2022 19:45	TWN/CHN: Taiwan tracks 11 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense (MND) tracked 11 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Thursday (Sept. 29). Out of the 11 People's Liberation Army (PLA) aircraft, one Shaanxi Y-8 anti-submarine warfare plane was monitored in the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No Chinese aircraft crossed the Taiwan Strait median line on Thursday.
en.yna.co.kr 29.09.2022 23:35	KOR/PRK: N. Korea fires 2 short- range ballistic missiles into East Sea: S. Korean military	North Korea fired two short-range ballistic missiles (SRBMs) into the East Sea on Thursday, South Korea's military said, in its third such provocation in less than a week. The Joint Chiefs of Staff (JCS) said it detected the launches from the Suncheon area in South Pyongan Province between 8:48 p.m. and 8:57 p.m., and that the missiles flew some 350 kilometers at apogees of around 50 km at top speeds of Mach 5. The intelligence authorities of South Korea and the United States are conducting a detailed analysis to verify the specifics of the missiles, the JCS said. The missiles are thought to have been fired from the transporter erector launcher (TEL), according to informed sources.
reuters.com 29.09.2022 07:46 AM GMT+2	IRQ: Rockets hit central Baghdad for second day in escalating unrest	Four rockets fired from eastern Baghdad on Thursday landed around the Iraqi capital's Green Zone, home to government buildings and foreign missions, police said, as political unrest intensified. There were no immediate reports of casualties from the strikes and no claim of responsibility, two police officers said. A number of Shi'ite Muslim militant groups have offices and supporters in eastern Baghdad. A similar attack on Wednesday wounded seven members of the Iraqi security forces in the Green Zone, and appeared to add a new dimension to a contest among power-hungry politicians. Rocket attacks on the Green Zone have been regular in recent years but they are normally directed at Western targets by Iran-backed militia groups.
thehill.com 29.09.2022 02:11 MS	USA/IRN: US forces bring down Iranian drone	U.S. forces on Wednesday brought down an Iranian drone that officials said appeared poised to attack American troops in Iraq. The downing came as the Iranian military started a drone bombing campaign targeting the bases of an Iranian-Kurdish opposition group in northern Iraq, attacks that have killed at least nine people and wounded 32 others, according to the Kurdish Regional Government's Health Ministry. The bombings follow Iraqi and Iranian Kurds protesting in Iraq's northern city of Erbil over the death of Mahsa Amini, the 22-year-old Kurdish woman who died in the custody of Iran's so-called morality police. In the midst of the bombing campaign, U.S. forces at 2:10 p.m. local time brought down an Iranian Mojer-6 unmanned aerial vehicle

		<p>“headed in the direction of Erbil as it appeared as a threat to CENTCOM forces in the area,” according to command spokesman Joe Buccino.</p> <p><i>(Ergänzende Information cnn.com vom 28.09.2022 04:25 PM EDT: The US scrambled an F-15 jet to shoot down an Iranian drone that appeared to be heading towards US forces in Erbil, Iraq, on Wednesday, a US official told CNN. US forces launched the jet after tracking dozens of Iranian short range ballistic missiles headed for Kurdish positions in northern Iraq Wednesday, according to two other US officials. The initial assessment is the launches originated inside Iran, the officials said. “This was a significant incident,” one of the officials said. “At approximately 2:10 PM local time, U.S. forces brought down an Iranian Mojer-6 Unmanned Aerial Vehicle headed in the direction of Erbil as it appeared as a threat to USCENTCOM forces in the area,” US Central Command, which oversees the US military presence in the Middle East, said in a statement.)</i></p>
<p>defensenews.com 28.09.2022 12:02 AM</p>	<p>UKR/RUS: With a mix of donated weapons, Ukraine’s defenders adapt in war - RUS aircraft losses</p>	<p>Gen. James Hecker, the head of U.S. Air Forces in Europe, told reporters Sept. 19 that Russia had lost more than 60 fighter jets in the war so far, nearly all of which were taken out by the Russian-made air defenses that Ukraine uses.</p> <p>The U.S. believes one Russian aircraft crashed upon takeoff because of shoddy maintenance, and that another was shot down. Others were hit while sitting on the ground. Hecker estimated that less than 20% of Ukrainian fighters have been destroyed, but did not provide more specifics about the size of the fleet. Because neither side has established clear control of the skies, “they now stay away from one another and it ends up being a ground war,” he said.</p>
<p>defensenews.com 28.09.2022 12:02 AM</p>	<p>UKR/RUS: With a mix of donated weapons, Ukraine’s defenders adapt in war - AGM-88 HARM on MiG-29 and Su-27</p>	<p>It typically takes the U.S. military a year or two to integrate new weapons onto a jet for the first time. In Ukraine’s case, the process took just a couple of months. “When you take a Western HARM anti-radiation missile that’s designed for F-16s ... to put them on an Eastern Bloc MiG-29 or Su-27 is no easy feat,” Gen. James Hecker, the head of U.S. Air Forces in Europe said. “Is it as integrated as it is on an F-16? Of course not. So it doesn’t have all the capabilities that it would on an F-16. But we’re able to do it.”</p> <p>HARM missiles can pick up on anti-aircraft radar signatures to home in and destroy those systems. Introducing those weapons into the fight has forced Russian troops to temporarily turn off the radars altogether. “If you get them to shut down their radars, then they can’t shoot down aircraft,” Hecker said. “Even though you don’t get a kinetic kill [of a radar], you get a kill by having them shut down. Then you get localized air superiority for a period of time, where you can do what you need to do, and then you leave.” It’s one example of how combat tactics are evolving as the war carries on. Ukrainians and Russians alike have started moving their surface-to-air missiles every six to 12 hours, Hecker noted.</p>

		HARMs have given Ukrainian forces the ability to fly more close air support missions against moving targets inside Russian-held territory, either by destroying enemy anti-aircraft systems or during that brief pause while the radars are off, Hecker said. That approach can keep pilots safer as well.
taiwannews.com.tw 28.09.2022 19:45	TWN/CHN: Taiwan tracks 31 Chinese warplanes, 4 naval ships around country	The Ministry of National Defense said it had tracked 31 aircraft and four ships from China's military around the country by 5 p.m. Wednesday (Sept. 28). Six fighter jets crossed the median line of the Taiwan Strait, while the aircraft intruding into the southwest corner of Taiwan's air defense identification zone (ADIZ) were one anti-submarine plane and three drones. A tweet from the ministry identified the aircraft as four Shenyang J-11 and two Shenyang J-16 jets, a Shaanxi Y-8 ASW, a Harbin BZK-005 reconnaissance drone, and two reconnaissance Unmanned Combat Aerial Vehicles (UCAVs), a Tengden TB-001 and a CASC Rainbow CH-4.
tasnimnews.com 28.09.2022 14:57	IRN/IRQ: IRGC Launches Missile, Drone Attacks on Terrorists in Northern Iraq	The IRGC Ground Force launched the fresh round of missile and drone attacks against terrorists in northern Iraq on Wednesday morning, after two similar strikes on September 24 and 26. The new offense against the separatist terrorist groups stationed in the Kurdistan Region of Iraq involved missiles with pinpoint accuracy as well as combat and suicide drones. The attacks on the main bases of the Iraqi-based Komalah, Democrat and PAK (Kurdistan Freedom Party) terrorist groups have inflicted heavy losses on the terrorists, according to a statement released by the IRGC. <i>(Ergänzende Information reuters.com vom 29.09.2022 08:06 PM GMT+2: U.S. State Department deputy spokesperson Vedant Patel on Thursday confirmed that a U.S. citizen was killed in the Iranian rocket attack that targeted dissident sites in Iraq's Kurdistan region on Wednesday.)</i>
pna.gov.ph 28.09.2022 08:33 AM	PHL: PAF choppers fly relief supplies to typhoon-hit areas	Philippine Air Force (PAF) helicopters continue to fly much-needed supplies to communities hit hard by Super Typhoon Karding in Quezon. "On Sept. 27, 2022, the S-70i 'Black Hawk' helicopters conducted several sorties from Col Jesus Villamor Air Base to Polillo Island transporting a total of 24,982 lbs of relief packs containing food, water, medicines, and clothes," PAF spokesperson Col. Ma. Consuelo Castillo said in a statement Tuesday night. In addition, a Bell-205 helicopter along with another S-70i helicopter airlifted a total of 9,696 lbs. of relief goods for the residents of General Nakar, Quezon. Castillo said these efforts are part of the PAF's initiative to help Filipinos who have lost their homes and livelihood following the onslaught of the super typhoon.
taiwannews.com.tw 28.09.2022 10:41	TWN/UKR: Taiwan tracks 11 Chinese military aircraft,	The Ministry of National Defense (MND) tracked 11 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Tuesday (Sept. 27).

	4 naval vessels around country	
taiwannews.com.tw 27.09.2022 10:22	TWN/CHN: Taiwan tracks 12 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense (MND) tracked 12 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Monday (Sept. 26). Of the 12 People's Liberation Army (PLA) aircraft, three Shenyang J-16 fighter jets flew into the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No Chinese planes crossed the median line in the Taiwan Strait on Monday.
globaltimes.cn 27.09.2022 01:25	CHN/USN: Chinese state media reveals carrier-based J-15 fighter flyover of suspected foreign warship	A recent report by China Central Television (CCTV) in celebration of the 10th anniversary of the commissioning of China's first aircraft carrier, the Liaoning, revealed a scene in which aircraft carrier Liaoning-based J-15 fighter jets flew over what seems to be an Arleigh Burke-class destroyer, leading to discussions on social media on Monday. Facing provocations by foreign forces, Chinese forces have the right to identify, track, monitor and drive them away when necessary, experts said, noting that the Chinese warplanes' operations were safe, professional and in line with international norms. The CCTV report, originally published on Friday, showed that two J-15 fighter jets flew over a warship parallel to the latter's direction of sailing at an undisclosed location at an undisclosed date. Chinese netizens pointed out on Monday that the warship seems to be an Arleigh Burke-class destroyer.
taiwannews.com.tw 26.09.2022 10:01	TWN/CHN: Taiwan tracks 15 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense (MND) tracked 15 Chinese military aircraft and four naval vessels around Taiwan as of 5 p.m. on Sunday (Sept. 25). Of the 15 People's Liberation Army (PLA) aircraft, two Shenyang J-16 fighter jets were tracked in the southwest corner of Taiwan's air defense identification zone (ADIZ), according to the MND. No PLA aircraft crossed the median line in the Taiwan Strait on Sunday.
thedrive.com 24.09.2022 06:53 PM	RUS/UKR: Multiple Russian Aircraft Shot Down In A Day	After air defenses had to confront waves of Iranian-supplied suicide drones, Ukraine says it shot down 4 Russian tactical jet aircraft Saturday over the frontlines. The Ukrainian General Staff claimed troops shot down two Russian Su-30SM Flankers, a Su-25SM Frogfoot, a Su-34 Fullback, five drones, and a cruise missile. Footage showed a Su-34 trailing fire from its right engine over the frontline in Kharkiv Oblast, with a later clip showing a fireball and crash site in the area. Later videos showed an Su-30SM crashing after being hit by a missile, with two parachutes seen descending nearby. Ukraine's total shootdown claims cannot be independently confirmed at this time, though multiple aircraft do appear to have been shot down.

		<p>It isn't clear what has caused this spike in sorties and shoot-downs, but it is possible that pressure for the Russian Air Force to halt Ukraine's progress on the battlefield and complicate its forces' ability to hold recaptured territory has increased. Forward-deployed medium and long-range Ukrainian air defenses mean even high-end tactical jets cannot operate at altitude, which pushes them down into the MANPADS envelope. We see the results of that reality today.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.thedrive.com/the-war-zone/ukraine-situation-report-multiple-russian-aircraft-shot-down-in-a-day<i>)</i></p>
ekathimerini.com 24.09.2022 10:38	GRC/TUR: Turkish UAV flies over Greek islet	A Turkish unmanned aerial vehicle (UAV), commonly known as a drone, flew over the islet of Kandelioussa on Saturday. The UAV entered Athens FIR without submitting a flight plan and violated Greek airspace. The incident occurred at 9.10 and 9.24 a.m. at a height of 15,000 feet. The drone was identified and intercepted in accordance with international rules of engagement. Kandelioussa, an uninhabited island, is located west of Nissyros in the Dodecanese.,
taiwannews.com.tw 24.09.2022 19:55	TWN/CHN: Taiwan tracks 16 Chinese military aircraft, 4 naval ships around country	The Ministry of National Defense said it had tracked 16 aircraft and four ships from China's military around the country by 5 p.m. Saturday (Sept. 24). One unmanned drone and two planes entered the southwest sector of Taiwan's air defense identification zone (ADIZ), the ministry tweeted. The drone was a Harbin BZK-005, while the two planes were a Shaanxi Y-8 anti-submarine aircraft and a Shaanxi Y-8 reconnaissance plane.
taiwannews.com.tw 23.09.2022 20:12	TWN/CHN: Taiwan tracks 20 Chinese warplanes, 4 naval ships around country	The Ministry of National Defense said it had tracked 20 aircraft and four ships from China's military around the country by 5 p.m. Friday (Sept. 23). Four of the aircraft entered the southwest sector of Taiwan's air defense identification zone (ADIZ), the ministry tweeted. They included two Shenyang J-16 fighter jets, but also two reconnaissance drones, a Guizhou BZK-007 unmanned aerial vehicle (UAV) and a Guizhou WZ-7 Soaring Dragon. While fighter jets and anti-submarine aircraft have made frequent inroads into Taiwan's ADIZ for more than a year, incursions by drones have been a more recent phenomenon, occurring mostly since United States House Speaker Nancy Pelosi's Aug. 2-3 visit to Taipei. Taiwan's military shot down a drone from China near the island of Kinmen on Sept. 1.
taiwannews.com.tw 23.09.2022 10:38	TWN/CHN: Taiwan tracks 13 Chinese military aircraft,	The Ministry of National Defense (MND) tracked 13 Chinese military aircraft and five naval vessels around Taiwan as of 5 p.m. on Thursday (Sept. 22). Out of the 13 People's Liberation Army (PLA) aircraft, one Xian JH-7 fighter bomber crossed the Taiwan Strait median line in the northeast sector of Taiwan's air defense

	5 naval ships around country	identification zone (ADIZ), according to the MND. Meanwhile, one BZK-007 reconnaissance drone and one Shenyang J-11 fighter jet were monitored in the southwest corner of Taiwan's ADIZ.
dailyfinland.fi 22.09.2022 23:10	NGA: Nigerian troops kill 36 extremist militants in airstrikes	At least 36 extremist militants were killed in airstrikes conducted by troops in northeastern Nigeria in the past two weeks, a military official said Thursday, reported Xinhua. Musa Danmadami, a spokesman for the military, told reporters in Abuja, the Nigerian capital, at a press briefing that the airstrikes were aimed at routing out all extremist militants troubling the northeastern part of Nigeria. Two commanders of the extremist groups Boko Haram and the Islamic States West Africa Province (ISWAP) were among those killed between Sept. 12-15 when the airstrikes hit the general area of the Sambisa Forest, the largest known enclave of the suspected militants, Danmadami said.
@ChuckPfarrer 22.09.2022	UKR/RUS: KHERSON/1215 UTC 20/1215 UTC 21, 1250 UTC 22 SEP and 1230 UTC 23 SEP	<p>20.09.2022: Ukrainian Suppression of Enemy Air Defense (SEAD) missions continued, with the destruction of 15 additional Russian air defense complexes. These SEAD missions have allowed UKR to double the number of close air sorties to 41 missions.</p> <p>21.09.2022: UKR Gen'l Staff reported 21 close air sorties had interdicted RU targets. UKR air defense (AD) claimed 4 Russian UAVs. On 20 SEP, there were reports that an Iranian supplied Shaheed-136 UCAV was downed on the M-14 HWY axis. 2 RU SAM complexes destroyed.</p> <p>22.09.2022: Over the last 24 hrs, UKR Suppression of Enemy Air Defense (SEAD) missions destroyed 5 Russian air defense complexes. With RU Air Defense impacted, UKR conducted 15 Close Air Support missions against RU troop concentrations in the Kherson AO.</p> <p>23.09.2022: UKR Suppression of Air Defense (SEAD) sorties hit 15 RU SAM sites, allowing UKR to double the number of close air strikes to 41. UKR air defense detected, tracked and interdicted a drone swarm attack of Iranian-made Shaheed-136 UCAVs on the M-14 HWY axis.</p>

		Geo- und Sicherheitspolitik, militärische Übungen
en.yna.co.kr 06.10.2022 19:59	PRK: 12 N.K. warplanes fly in formation, apparently stage firing drills: S. Korean military	<p>Twelve North Korean military aircraft flew in formation and presumably conducted a firing exercise Thursday, Seoul officials said, in apparent protest over recent military drills between South Korea and the United States. The group of eight fighter jets and four bombers staged the formation flight north of the inter-Korean air boundary at around 2 p.m., and they were thought to have conducted air-to-surface firing drills, according to the Joint Chiefs of Staff (JCS).</p> <p>Some 30 South Korean fighter jets were immediately deployed to the area in an "overwhelming" response to the flight, which is a move unseen over the past year, the JCS said. The South's Air Force scrambled the jets as the North's warplanes moved south of the Special Reconnaissance Line, which Seoul has drawn just north of the inter-Korean boundary for security purposes.</p> <p>The North's provocative move came after Seoul and Washington have recently conducted air, ground and naval drills in response to a series of North Korean missile launches. Following the North's intermediate-range ballistic missile launch Tuesday, the South and the U.S. staged joint air drills with a South Korean F-15K firing two JADAM precision bombs. On the ground, the allies fired a total of four ground-to-ground missiles into the East Sea. In addition, the USS Ronald Reagan aircraft carrier returned to the waters east of the peninsula Wednesday to stage a trilateral naval exercise with the South and Japan.</p>
defbrief.com 04.10.2022	AUS/NATO: Australia deploys Poseidon MPA to Italy for NATO operations	<p>A Royal Australian Air Force P-8A Poseidon maritime patrol aircraft is deploying to the Mediterranean as part of NATO operation Sea Guardian 22. The operation is an ongoing non-Article 5 NATO maritime security operation aimed at maintaining maritime situational awareness, deterring terrorism, and enhancing capacity building in the Mediterranean region. According to the defense ministry, the P-8A will be based in Italy and will operate in the Western and Central Mediterranean until mid-October 2022.</p> <p>"Australia is a NATO Enhanced Opportunities Partner and an important Asia-Pacific member for the alliance," Australia's Chief of Joint Operations Lieutenant General Greg Bilton said. "Our partner status recognises Australia's significant contributions to NATO operations and the value that the Australian Defence Force (ADF) has demonstrated over several decades.</p>

		<p>The Royal Australian Air Force operates a total of 12 Poseidons, with two more on order under a contract from December 2020. The aircraft incorporates maritime surveillance and attack capabilities. P-8As can have internal and external stations for AGM-84H/K SLAM-ER, AGM-84 Harpoon, and the Mark 54 torpedo with a High Altitude Anti-Submarine Warfare Weapon Capability (HAAWC) system. Australia plans to integrate the Long Range Anti-ship Missile (LRASM) on the Poseidon, allowing it to strike adversary surface vessels at significantly increased ranges.</p>
<p>en.yna.co.kr 03.10.2022 15:55</p>	<p>CHN/RUS/JPN/KOR: Chinese aircraft intruded into S. Korea's air defense zone more than 70 times last year: military</p>	<p>Dozens of Chinese and Russian warplanes entered South Korea's air defense identification zone (KADIZ) last year, a document showed Monday. In a document submitted to the National Assembly, South Korea's defense ministry said the number of times that Chinese military aircraft entered the KADIZ surpassed 70 last year, similar to that of the previous year. The number of entries by Russian aircraft into KADIZ has exceeded 10 times since 2017, while topping 20 times in 2019. Japanese warplanes have entered the overlapping South Korean and Japanese air defense zones an average of 500 times per year after giving prior notice, according to the document.</p> <p>The air defense zone was first drawn in 1951 by the U.S. Air Force during the 1950-53 Korean War to prevent air clashes between nations surrounding the Korean Peninsula. The area is not territorial airspace but is zoned off to request foreign planes identify themselves to prevent accidental clashes.</p>
<p>reuters.com 03.10.2022 03:26 PM GMT+2</p>	<p>USA/UKR: U.S. to send mobile rocket launchers to Ukraine in \$625 mln aid package</p>	<p>The Biden administration's next security assistance package for Ukraine is expected to include four High Mobility Artillery Rocket System (HIMARS) launchers, munitions, mines and mine-resistant vehicles, two sources briefed on the \$625 million package told Reuters on Monday. The package, expected to be announced as soon as Tuesday, is the first aid package since Russia's most recent declared annexation of Ukrainian territory and the second Presidential Drawdown Authority (PDA) since Ukraine made large battlefield gains in mid-September. By using drawdown authority, the four HIMARS launchers and associated rockets, some 200 Mine-Resistant Ambush Protected (MRAP) vehicles, ammunition for Howitzers and mines, can be sent to Ukraine in the coming days. This is the first package of the U.S. government's 2023 fiscal year which is currently functioning under a stop gap-funding measure and allows President Joe Biden to drawdown up to \$3.7 billion in surplus weapons for transfer to Ukraine through mid-December.</p> <p>Last week, the United States unveiled a \$1.1 billion arms package for Ukraine which included 18 High Mobility Artillery Rocket System (HIMARS) launcher systems, accompanying munitions, various types of counter drone systems and radar systems. But last week's aid package was funded by the Ukraine Security Assistance Initiative</p>

		<p>(USAI) meaning the government has to procure the weapons from industry, rather than pulling them from existing U.S. weapons stocks.</p> <p>Made by Lockheed Martin Corp the HIMARS launchers' accuracy and longer range have allowed Kyiv to reduce Russia's artillery advantage. The U.S. has thus far pledged 16 HIMARS launchers to Ukraine using PDA.</p> <p>(Ergänzende Information defense.gov. vom 04.10.2022: Capabilities in this package include:</p> <ul style="list-style-type: none"> • Four High Mobility Artillery Rocket Systems (HIMARS) and associated ammunition; • 16 155mm Howitzers; • 75,000 155mm artillery rounds; • 500 precision-guided 155mm artillery rounds; • 1,000 155mm rounds of Remote Anti-Armor Mine (RAAM) Systems; • 16 105mm Howitzers; • 30,000 120mm mortar rounds; • 200 MaxxPro Mine Resistant Ambush Protected Vehicles; • 200,000 rounds of small arms ammunition; • Obstacle emplacement equipment; • Claymore anti-personnel munitions. • <p><i>(Ergänzende Information defenseone.com vom 04.10.2022 06:41 PM ET: The newest U.S. weapons package heading for Ukraine will not include the advanced long-range missile system ATACMS that President Volodymyr Zelenskyy and several congressional leaders have requested. But Pentagon leaders said its latest gift will include more of the medium-range rockets and long-range artillery systems they claim have helped Ukrainian forces to reclaim territory and momentum from invading Russians during the counteroffensive in recent weeks. "It's our assessment that with the existing GMLRS capability that they have on the HIMARS, and that we're providing more of with this package, that they can reach the vast majority of targets on the battlefield," said the deputy assistant secretary of defense for Russia, Ukraine, and Eurasia. "... including Crimea.")</i></p>
<p>reuters.com 01.10.2022 09:42 PM GMT+2</p>	<p>DEU/UKR: Germany says it will supply Ukraine with air defence system in days</p>	<p>Germany will deliver the first of four advanced IRIS-T air defence systems to Ukraine in the coming days to help ward off drone attacks, its defence minister Christine Lambrecht said during an unannounced visit to Odessa on Saturday. "In a few days, we will deliver the very modern IRIS-T air defence system," she told ARD television. "It is very important for drone defence in particular." Ukraine has been seeing more attacks from Iranian-made kamikaze drones in recent weeks, costing lives and causing serious damage to infrastructure. It first emerged</p>

		<p>in May that Berlin was considering sending the IRIS-T surface-to-air defence system, which costs 150 million euros (\$147 million) apiece. The German armed forces themselves do not currently own the system, reckoned among the world's most advanced.</p> <p><i>(Ergänzende Information faz.net vom 02.10.2022 19:44: Lambrecht hatte der Ukraine bei ihrem Besuch die rasche Lieferung einer ersten Einheit des Luftabwehrsystems Iris-T SLM zugesichert. Deutschland will der Ukraine zunächst vier der jeweils 140 Millionen Euro teuren Systeme zur Verfügung stellen. Die Finanzierung von drei weiteren Systemen ist gesichert.)</i></p>
<p>jpost.com 30.09.2022 22:42</p>	<p>RUS: Russian bombers capable of carrying nukes detected near Finland</p>	<p>Israeli intelligence firm ImageSat International (ISI) has detected an “irregular presence” of Russian TU-160 and TU-95 strategic bombers deployed to the Olenya Airbase near Finland. According to satellite images taken by the firm, four TU-160s were detected on August 21st and three TU-95s were detected on September 25th. There were no strategic bombers present at the airbase on August 12th. “Through ongoing Patterns-of-Life, the system indicates that Engels air base is the possible departure point of the strategic bombers detected in Olenya airbase,” the report read. Engels air base is home to Russia’s only strategic bombers stationed near Ukraine and is the home base for the 121st Heavy Bomber Aviation Regiment (121 TBAP) that flies the TU-160s and TU-95.</p>
<p>thehill.com 29.09.2022 02:11 MS</p>	<p>USA/UKR: Ukraine getting more rocket systems from US</p>	<p>Eighteen additional High Mobility Artillery Rocket Systems (HIMARS) will be given to Ukraine under the Ukraine Security Assistance Initiative (USAI), meaning they won’t come from preexisting U.S. weapons stocks and instead will be newly manufactured and sent to Kyiv once finished.</p> <p>What’s in the package? The package, which brings U.S. security assistance committed to Ukraine to more than \$16.2 billion since February, also includes:</p> <ul style="list-style-type: none"> • HIMARS-associated ammunitions • 150 armored high mobility multipurpose wheeled vehicles • 40 trucks • 80 trailers to help Ukrainian troops transport heavy equipment • Additional radars for drones, communication and surveillance systems • Mine and bomb disposal equipment • Body armor and field equipment

		<p>When will they get to Ukraine? The Pentagon expects most of the capabilities in the package to be delivered to Ukraine in six to 24 months.</p> <p><i>(Ergänzende Information defenseone.com vom 28.09.2022: The United States will provide another \$1.1 billion in weapons to Ukraine, the Pentagon announced Wednesday, notably 18 more long-range artillery trucks that will not be ready for two years.)</i></p> <p><i>(Ergänzende Information stripes.com vom 30.09.2022: Congress on Friday signed off on a \$12.3 billion aid package for Ukraine that allocates funding for U.S. military operations in Europe, continues weapons deliveries to Kyiv and provides assistance for a potential nuclear incident on the Continent as Russia moved to annex Ukrainian territory. The third supplemental assistance package approved by Congress for Ukraine contains \$7.5 billion in military support and \$4.5 billion in economic and humanitarian aid to prop up the embattled country's government services. It follows a \$13.6 billion aid bill for Ukraine in March and a \$40 billion assistance package in May that was designed to last until September. "We cannot stop now and we're not going to," Senate Majority Leader Chuck Schumer, D-N.Y., said Thursday, crediting American weapons for helping Ukraine recently regain Russian-held territory in the northeast part of the country and "turn the tide of the war." Minority Leader Mitch McConnell, R-Ky., said Ukrainian troops need more High Mobility Artillery Rocket Systems, known as HIMARS, and tanks, fighting vehicles, longer-range rockets, air defense systems, drones and training to operate Western fighter aircraft.)</i></p>
defence-blog.com 28.09.2022	DEU/UKR: Germany predicts first IRIS-T SLM delivery to Ukraine in October	<p>In an interview at the Yevropeys'ka pravda, the German Ambassador stated that the delivery of the first IRIS-T SLM air defense system is expected in October, although before that the Minister of Foreign Affairs of Germany Annalena Baerbock reported that the delivery is expected by the end of summer or in September. The Ambassador added that the German government is can supply four IRIS-T SLM surface-to-air defense systems to Ukraine. According to German weapons maker Diehl Defense, the IRIS-T SLM is a surface-launched air defense system with an upgraded version of the IRIS-T missile equipping fighter aircraft of numerous countries worldwide. In combination with various radar and command systems, IRIS-T SL offers the capabilities and benefits of an advanced air defense system. An entire IRIS-T SLM system was tested successfully for the first time in 2014 in the presence of international representatives. The system can launch missiles over a distance of 40 kilometers (25 miles) to take down fighter jets, helicopters or missiles.</p>
reuters.com 28.09.2022 06:05 PM GMT+2	FIN: Finland closes highway for fighter jet drill for first time in decades	<p>Finland has shut down a section of one of its main highways for five days for the first time in decades to allow its fighter jets to practice landings and take-offs on a reserve road runway. The Nordic country, which is applying for NATO membership following neighbouring Russia's invasion of Ukraine, has a dozen similar reserve runways designed for wartime use around the country. But the reserve roadbase located in Joutsa, Central Finland, has not been used for decades due to its importance as the main highway connecting the capital Helsinki to the more northern parts of the country. Nevertheless, it took the Air Force only a few days to clear</p>

		the roadsides and prepare the site for the exercise in which some 200 staff and Finland's F/A-18 Hornet fighter jets, older Hawk Mk 51 trainer planes and other military aircraft participate, the head of Finnish Air Force Academy, Colonel Vesa Mantyla said.
thehill.com 27.09.2022 11:06 AM ET	USA/UKR: \$12.3 billion for Ukraine included in continuing resolution	<p>Congressional appropriators have included \$12.3 billion in security and financial assistance to Ukraine as part of its proposed continuing resolution to fund the government through Dec. 16. The top line of the Ukraine Supplemental Appropriations Act is \$1.4 billion below the \$13.7 billion the White House requested for Ukraine, but comes as the administration seeks to sustain the pace of assistance it is providing Kyiv.</p> <p>The proposal would allocate \$3 billion for weapons, logistical assistance and intelligence support under the Ukraine Security Assistance Initiative and up to \$3.7 billion in presidential drawdown authority. The measure would also appropriate \$1.5 billion to replenish stocks of U.S. equipment provided to Ukraine or other countries who have supported Ukraine at the request of the U.S. through presidential drawdown authority. A separate \$540 million is included to increase production of critical munitions to replace defense articles sent to Ukraine or other countries that have supported Kyiv. The bill also allocates \$2.8 billion for continued military, intelligence and other defense support for Ukraine. Aside from security assistance, the bill includes \$4.5 billion to help maintain the operations of Ukraine's government, including its ability to maintain macroeconomic stability and provide basic citizen services, as well as \$35 million to respond to potential nuclear and radiological incidents in Ukraine.</p>
pib.gov.in 27.09.2022 07:09 PM	IND/AUS: Indian Navy's P8I aircraft participates in Exercise KAKADU	A P8I Long Range Maritime Patrol Aircraft of the Indian Navy participated in the Multinational Maritime Exercise Kakadu 2022 hosted by Royal Australian Navy in Darwin from 12 to 25 Sep 22, along with INS Satpura. The exercise had the participation of 34 aircraft from over 20 nations. The maiden participation of the P8I provided an enhanced exposure to the aircrew, augmenting the understanding of the varied nuances of collaborative Anti-Submarine and Anti-Surface Warfare operations in a complex multi-threat scenario. The seamless operations conducted by P8I in consonance with the exercise theme 'Partnership, Leadership, Friendship' along with USN and RAAF P8s enabled refining joint SOPs and enhance interoperability and reaffirm Indian Navy's commitment to the Indo-Pacific.
defense.gouv.fr 27.09.2022	FRA/DEU: Sébastien Lecornu in Berlin: Franco-German cooperation reaffirmed	<p>The Minister of the Armed Forces, Sébastien Lecornu, was in Berlin on Thursday, September 22, for his first official visit to Germany. He held talks with his German counterpart, Christine Lambrecht, Federal Minister of Defence. SCAF, Ukraine, LPM... a look back at the main announcements of this bilateral meeting.</p> <p>° The SCAF and the tank of the future will see the light of day</p>

		<p>The Air Combat System of the Future (FACS), a time in suspense, has been confirmed by the two ministers. This program alone symbolizes the strategic convergence between the two countries. "This is a priority project because we need this innovation," said Sébastien Lecornu. A necessity for the regeneration of our equipment which also concerns the Leclerc tank. "We have agreed on the next steps, including the tank of the future project. Proposals will be made to us in the coming days. I would remind you that we have a Franco-German Council of Ministers at the end of October. This leaves us with a few weeks of preparation to record a demanding schedule.»</p>
<p>stripes.com 26.09.2022</p>	<p>USA//NATO/LTU: US Army artillery arrives in Latvia as allies seek to deter Russia</p>	<p>The U.S. Army dispatched long-range artillerymen to Latvia on Monday for national combat readiness drills alongside local and allied forces, service officials said. U.S. Army Europe and Africa said it deployed two M142 High Mobility Artillery Rocket Systems with a dozen personnel to the Baltic nation, where security concerns have grown following Russia's full-fledged invasion of Ukraine in February.</p> <p><i>(Ergänzende Information mod.gov.lv vom 26.09.2022: On 26 September, based on a training request from the Latvian National Armed Forces, The United States Army and Special Operations Forces will demonstrate rapid deployment of High Mobility Artillery Rocket Systems (HIMARS) in Rīga and Liepāja airfields with C-130 aircraft. Simultaneously, after landing at Liepāja airport, HIMARS systems will drive to Šķēde training ground, where a live fire exercise will be conducted by shooting training rockets on a target in the Baltic Sea waters of Latvia's exclusive economic zone.)</i></p>
<p>en.yna.co.kr 26.09.2022 10:00</p>	<p>USN/KOR: S. Korea, U.S. begin combined naval exercise involving Ronald Reagan aircraft carrier</p>	<p>South Korea and the United States kicked off their first combined naval exercise, involving an American aircraft carrier, near the peninsula in five years Monday, a day after North Korea raised tensions with a short-range ballistic missile launch. For the exercise, the allies' Navies mobilized more than 20 vessels, including the carrier and key South Korean warships, such as the 7,600-ton Aegis destroyer Seoae Ryu Sung-ryong and the 4,400-ton Munmu the Great destroyer. The nuclear-powered USS Annapolis submarine also took part, paving the way for the allies to conduct rare drills to detect and track the underwater warship -- in an apparent move to counter threats from the North's push to deploy SLBMs.</p> <p>Aside from maritime assets, the allies also deployed an assortment of aircraft, including F/A-18E Super Hornets, P-3 and P-8 maritime surveillance aircraft, F-15K and KF-16 fighter jets, and AH-64E Apache helicopters.</p>
<p>voanews.com 25.09.2022 04:30 PM</p>	<p>USA/RUS: US Warns Russia of 'Catastrophic Consequences' If It</p>	<p>The U.S. has warned Russia of "catastrophic consequences" if it launches a nuclear attack on Ukraine, President Joe Biden's national security adviser, Jake Sullivan, said Sunday. Sullivan, speaking on ABC's "This Week" show, said U.S. officials have told Russian officials privately that Biden "will respond decisively" if Russian President Vladimir Putin orders a nuclear strike but did not say how the U.S. would respond. Sullivan said the U.S. would "not engage in a game of rhetorical tit-for-tat" with Russia.</p>

	Launches Nuclear Attack in Ukraine	But Sullivan, in a separate interview, told NBC’s “Meet the Press” show that “Russia understands very well what the United States would do in response to the use of nuclear weapons in Ukraine because we have spelled it out for them.”
en.yna.co.kr 25.09.2022 10:43	KOR/PRK: N. Korea fires one short-range ballistic missile into East Sea: S. Korean military	North Korea fired a short-range ballistic missile into the East Sea on Sunday, South Korea’s military said, two days after a nuclear-powered U.S. aircraft carrier arrived here for allied drills. The Joint Chiefs of Staff (JCS) said it detected the launch from an area in or around Taechon, North Pyongan Province, at 6:53 a.m., and that it flew some 600 kilometers at an apogee of around 60 km at a top speed of Mach 5. The launch came as U.S. Vice President Kamala Harris plans to visit Seoul later this week and the allies are set to hold a joint maritime exercise in the East Sea, involving the USS Ronald Reagan carrier strike group.
asiatimes.com 23.09.2022	USA/CHN: Pointed at China, US spreads THAAD all around Guam	<p>The Pentagon wants to scatter its surface-to-air Terminal High Altitude Area Defense (THAAD) missile launchers and radar onto diverse tiny islands around Guam, instead of currently concentrating everything at one site there, to survive possible US-China warfare in the West Pacific. The US Army is already testing the diversification of THAAD’s missile launchers and telecommunications on remote islands.</p> <p>THAAD’s missiles currently provide only a sliver of protection and are not strong enough to fully protect Guam, according to Guam-based Joint Region Marianas Commander, Navy Rear Admiral Benjamin Nicholson. “Now the Missile Defense Agency is proposing a multi-layer defense system, seeking \$539 million in fiscal 2023 to begin building a multi-layer defense system for Guam that could be fielded by 2026.” Guam’s new, expanded missile defense “will include Navy SM-3 and SM-6 missiles, the Patriot air-and-missile defense system and the Army’s Terminal High Altitude Area Defense System,” Defense News reported in March.</p> <p>Guam’s strategic air and naval facilities, including Andersen Air Force Base, Naval Base Guam, Marine Corps Camp Blaz, and the Joint Region Marianas Headquarters, are perceived main targets for China if warfare erupts against the US in the Pacific over Taiwan island’s government, or territorial disputes in the South China Sea. “Naval Base Guam is strategically located to support all submarines deployed to 7th Fleet,” the Navy said on its Commander Submarine Force website. The 7th Fleet, based in Yokosuka, Japan, includes nuclear submarines. Guam island is the nearest American base on US territory to mainland China. China’s largest commercial city Shanghai is 1,800 miles (2,897 kilometers) northwest from Guam. Andersen AFB would be a vital forward position for launching, re-arming, and repairing US strike aircraft.</p>

		Interviews, Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos
usni.org Oktober 2022	Lessons from Russian Missile Performance in Ukraine	<p>The 2022 Russian invasion of Ukraine has involved the largest use of land-attack missiles in history, with launches from all basing modes. On 21 March, the Pentagon stated that the “Russians have launched more than 1,100 missiles,” and that “they have also suffered a not-insignificant number of failures of those munitions.” Four days later, the Pentagon added that “they’re still launching a lot of missiles,” but Russia was experiencing “a significant amount of [missile] failure” including “failure to actually launch or failure to hit the target.</p> <p><i>(Vollständige Analyse abrufbar unter:</i> https://www.usni.org/magazines/proceedings/2022/october/lessons-russian-missile-performance-ukraine)</p>
taiwannews.com.tw 04.10.2022 17:54	TWN/CHN: Signs that would show China readying Taiwan invasion	<p>Former CIA analyst says there would be 'reliable indications' that invasion from China would be coming.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> https://www.taiwannews.com.tw/en/news/4676842)</p>
news.usni.org 03.10.2022	USN: USNI News Fleet and Marine Tracker: Oct. 3, 2022	<p>These are the approximate positions of the U.S. Navy’s deployed carrier strike groups and amphibious ready groups throughout the world as of Oct. 3, 2022, based on Navy and public data. In cases where a CSG or ARG is conducting disaggregated operations, the chart reflects the location of the capital ship.</p> <p><i>(Infographic abrufbar unter:</i> https://news.usni.org/2022/10/03/usni-news-fleet-and-marine-tracker-oct-3-2022)</p>
jpost.com 02.10.2022 20:59	RUS: What nuclear weapons does Russia have in its arsenal?	<p>Russia is estimated to have around 6,000 nuclear weapons in its possession, and Putin is threatening to use them. But what exactly are these weapons, and what can all of them do?</p> <p><i>(Explainer abrufbar unter:</i> https://www.jpost.com/international/article-718698)</p>
asiatimes.com 01.10.2022	CHN/USA: China racing for 6th-gen fighter edge over US	<p>US downplays Chinese fighter advances but the balance of Pacific airpower may have already shifted in China’s favor.</p>

		<p><i>(Vollständige Analyse abrufbar unter:</i> https://asiatimes.com/2022/10/china-racing-for-6th-gen-fighter-edge-over-us/)</p>
puolustusvoimat.fi	<p>FIN: Der Lockheed Martin F-35A Lightning II wie ihn Finnland sieht</p>	<ul style="list-style-type: none"> ° Role and Capability ° Technical Specifications ° Background <p><i>(Abrufbar unter:</i> https://puolustusvoimat.fi/en/equipment#/asset/view/id/901)</p>
nato.int 21.09.2022	<p>NATO is not at war with Russia - Setting the record straight</p>	<p>Since Russia began its aggressive actions against Ukraine, Russian officials have accused NATO of a series of threats and hostile actions. This webpage sets out the facts.</p> <p>At the NATO Summit in Madrid, Allies agreed that Russia is the most significant and direct threat to their security and to peace and stability in the Euro-Atlantic area. Russia's brutal war in Ukraine has shattered peace in Europe. Due to its hostile policies and actions, NATO cannot consider Russia to be our partner. NATO does not seek confrontation and poses no threat to Russia. The Alliance will continue to respond to Russian threats and actions in a united and responsible way.</p> <p><i>(Vollständiges Dokument abrufbar unter:</i> https://www.nato.int/cps/en/natohq/115204.htm#myths)</p>
warontherocks.com 21.09.2022	<p>USA/CHN: Defeat China's Navy, Defeat China's War Plan</p>	<p>Washington has already lost the war for Taiwan — at least according to the most recent wargames organized by the Center for Strategic and International Studies. The think tank's simulation of a conflict between the United States and China saw several U.S. aircraft carrier strike groups sunk, hundreds of U.S. combat aircraft destroyed, and thousands of U.S. military personnel lost in the war's opening days.</p> <p><i>(Vollständige Analyse abrufbar unter:</i> https://warontherocks.com/2022/09/defeat-chinas-navy-defeat-chinas-war-plan/)</p>
mittchellaerospace-power.org September, 2022	<p>USAF: Decades of Air Force Underfunding</p>	<p>Today, the U.S. Air Force is smaller, older, and less ready than it has ever been. It now lacks the capacity to fight a peer conflict, deter elsewhere, and defend the homeland as required by the National Defense Strategy.</p> <p><i>(Policypaper abrufbar unter:</i></p>

	Threaten America's Ability to Win	https://mitchellaerospacepower.org/wp-content/uploads/2022/09/Decades_of_Air_Force_Underfunding_-_Policy_Paper_37-Final.pdf
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Zielsetzung NACHBRENNER	<p>Der NACHBRENNER hat zum Ziel eine am Thema Militärluftfahrt und Luftkriegsführung interessierte Leserschaft zeitnah über</p> <ul style="list-style-type: none"> ° Die Fähigkeiten und die Schlüsselfunktion von Air Power, ° die zentrale Bedeutung einer integrierten Luftverteidigung, ° die Weiterentwicklung von Luftstreitkräften mit einem besonderen Fokus Europa, ° Entwicklungen und Entwicklungstendenzen in der 3. Dimension sowie ° die möglichen verheerenden Folgen eines ungeschützten schweizerischen Luftraums für unsere Bevölkerung und Souveränität im Frieden, bei Terrorangriffen aus der Luft sowie im Konfliktfall <p>zu orientieren.</p> <p>Dafür werden offene staatliche und Firmen-Quellen sowie die Tages- und Fachpresse ausgewertet und in primär englischer Sprache thematisch und chronologisch zusammengeführt.</p>
<p>Ausgewählt und bearbeitet von MILITÄRPOLITISCHE NACHRICHTEN SCHWEIZ (MNS) Konrad Alder Hermann Hiltbrunner-Weg 1 Tel. 044 926 39 36 konrad.alder@bluewin.ch</p>	<ul style="list-style-type: none"> ° Fact and Figures ° Science and Technology ° Entwicklungstrends ° Beschaffungsprogramme ° Luftkriegseinsätze ° Militär- und geopolitische Entwicklungen
Beilagen im Anhang zum Versandmail NACHBRENNER 2022-46	<ul style="list-style-type: none"> ° Nachrichtenblatt NACHBRENNER 2022-46 ° 2022 10 01 Nächste Schritte im Projekt NKF
Neuabonnement NACHBRENNER	Für eine regelmässige, kostenlose Zustellung des NACHBRENNER übermittelt man seine Mailadresse an konrad.alder@bluewin.ch .

	Auf die gleiche Art erfolgt die Annulation des Abonnements.
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Nächste Schritte im Projekt NKF

