

# NACHBRENNER 2022

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*Wissenswertes aus dem Bereich Militärluftfahrt und Luftkriegsführung*

<b>Quelle:</b> <b>Datum:</b>	<b>Ländercode:</b> <b>Artikelname:</b>	<b>Schlüsselinformationen:</b>
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		<b>Sicherheitspolitik Schweiz und Air2030</b>
blick.ch 16.06.2022 23:29	Der Flieger kam aus dem Kosovo - Zwei F/A-18 begleiten Swiss-Maschine nach Zürich	Zwei F/A-18 sorgten am Donnerstag für Aufregung. Sie hatten eine Swiss-Maschine auf dem Weg nach Zürich begleitet und verursachten dabei laute Überschallknalle. Am Abflugflughafen im Kosovo kam es zu einer Bombendrohung.  (Vollständiger Bericht abrufbar unter: <a href="https://www.blick.ch/schweiz/zueroich/der-flieger-kam-aus-dem-kosovo-zwei-f-a-18-begleiten-swiss-maschine-nach-zuerich-id17584329.html">https://www.blick.ch/schweiz/zueroich/der-flieger-kam-aus-dem-kosovo-zwei-f-a-18-begleiten-swiss-maschine-nach-zuerich-id17584329.html</a> )
blick.ch 16.06.2022	Patrouille Suisse doch vor Aus? - Finanzpolitiker wollen Tiger erneut abschiessen	Trotz Widerstand von Bundesrätin Viola Amherd will der Ständerat die veraltete F-5-Tiger-Flotte in Betrieb belassen. Doch dieser Entscheid könnte im Nationalrat gekippt werden. Dessen Finanzpolitiker sind jedenfalls äusserst skeptisch.  (Vollständiger Artikel abrufbar unter: <a href="https://www.blick.ch/politik/patrouille-suisse-doch-vor-aus-finanzpolitiker-wollen-tiger-erneut-abschiessen-id17582514.html">https://www.blick.ch/politik/patrouille-suisse-doch-vor-aus-finanzpolitiker-wollen-tiger-erneut-abschiessen-id17582514.html</a> )
admin.ch 15.06.2022	Air2030 – Radarsensoren der Luftwaffe: Erstes System nach Modernisierung im Einsatz	Die Radarsensoren (genannt FLORES) des Luftraumüberwachungs- und Einsatzleitsystem der Schweizer Luftwaffe werden zurzeit modernisiert. Am 30. Mai 2022 hat armasuisse das erste komplett umgebaute System der Armee für den operationellen Einsatz übergeben. Der Umbau, der unter dem Projekt «Radar» geführt wird, erfolgt stufenweise pro Standort, damit die verbleibenden Systeme der Luftwaffe für die täglichen Operationen zur Verfügung stehen. Die Modernisierung der Radarsensoren ist mit dem Rüstungsprogramm 2016 bewilligt worden.  (Vollständige Medienmitteilung abrufbar unter: <a href="https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-89289.html">https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-89289.html</a> )
admin.ch 15.06.2022	Erfolgreicher Erstflug der Aufklärungsdrohne in der Schweiz	Heute Morgen, um kurz nach 07:00 Uhr, absolvierte die neue Aufklärungsdrohne für die Schweizer Armee in Emmen den Erstflug. Mit dem erfolgreichen Testflug nimmt das Aufklärungsdrohnensystems 15 (ADS 15) einen weiteren wichtigen Meilenstein.

		<p>Mit dem erfolgreichen Erstflug ist ein wichtiger Schritt in der Beschaffung der ADS 15 und für die weiteren Flugtests in der Schweiz erreicht. In den kommenden Monaten finden zusätzliche Flugtests mit den beiden Drohnen (Immatrikulation D-11 und D-14) von Schweizer Militärflugplätzen statt. Dabei werden unter anderem die Sensoren getestet, die technische Funktionalität der Drohnen überprüft und erflogen sowie Einsätze in unterschiedlicher Dauer durchgeführt. Das ADS 15 kann bis zu 24 Stunden in der Luft sein.</p> <p>Nach Abschluss der Flugerprobung und der Zulassung durch die militärischen Luftfahrtbehörde MAA werden die beiden Drohnen im Verlauf des zweiten Semesters 2022 an die Luftwaffe übergeben. Die restlichen vier Drohnen folgen bis Ende 2023.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter: <a href="https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msq-id-89290.html">https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msq-id-89290.html</a>)</i></p>
vbs.admin.ch 13.06.2022	Ocean Hit 22	<p>Die Fliegerstaffeln 17 und 18 der Schweizer Luftwaffe nehmen an der Übung «Ocean Hit 22» auf dem Militärflugplatz der Marine im bretonischen Landivisiau teil. Vom 13. bis 24. Juni werden sie zusammen mit der französischen, griechischen und britischen Luftwaffe sowie der französischen Marine trainieren. Ziel ist es, komplexe Luftverteidigungsszenarien zu üben.</p>
vbs.admin.ch 10.06.2022	Ukraine Recovery Conference in Lugano: Umfassende Sicherheitsmassnahmen	<p>Am 4. und 5. Juli 2022 findet in Lugano die Ukraine Recovery Conference (URC2022) statt, deren Fokus auf dem Wiederaufbau der Ukraine liegt. Die Konferenz findet im Kontext starker internationaler Spannungen statt. Dies bedingt umfangreiche Sicherheitsmassnahmen. Der Bundesrat hat an seiner Sitzung vom 10. Juni 2022 beschlossen, die Konferenz als ausserordentliches Ereignis zu bezeichnen. Der Bund beteiligt sich somit an den Sicherheitskosten, die dem Kanton Tessin anfallen werden. Zudem hat der Bundesrat einen subsidiären Einsatz von bis zu 1600 Armeeangehörigen beschlossen; die Armee wird zudem den Luftpolizeidienst sicherstellen.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter: <a href="https://www.vbs.admin.ch/content/vbs-internet/de/home.detail.nsb.html/89227.html">https://www.vbs.admin.ch/content/vbs-internet/de/home.detail.nsb.html/89227.html</a>)</i></p>
vbs.admin.ch 08.06.2022	Modernisierung nach Plan - Luft (FR)	<p><b>EIN MUST!</b></p> <p><b>Die Schweizer Luftwaffe weiss genau, wie sie sich weiterentwickeln will, um ihren Auftrag auch in Zukunft erfüllen zu können. Mit welchen Mitteln und aus welchen Gründen sie dies zu tun gedenkt, erklärt der Kommandant Luftwaffe, Divisionär Peter «Pablo» Merz, genau und umfassend. Wer über die Luftverteidigung der Zukunft mitreden will, muss das ganze Video schauen.</b></p> <p><i>(Video abrufbar unter:</i></p>

		<a href="https://www.youtube.com/watch?v=wuSXRO-Yuos">https://www.youtube.com/watch?v=wuSXRO-Yuos</a>
Militärpolitische Nachrichten Schweiz (MNS) 08.06.2022	"Wo wir um jeden Franken kämpfen müssen" versus "Wo das Parlament das Budget konzeptlos um mehrere Milliarden CHF erhöhen will" - Kommentar MNS zur vergleichenden aktuellen Politinformation der SP Schweiz	Ein äusserst beliebtes Argument aus der unermesslichen «Trickkiste» von GSoA, SP und Grünen Schweiz ist das Auspielen der «unnötigen, viel zu hohen Kosten» für unsere Verteidigung/Sicherheit gegen die «guten, gerechten und viel zu niedrigen» Ausgaben für die Soziale Wohlfahrt. Man erinnere sich: Letztere betragen im Jahre 2021 gemäss Bundesamt für Statistik (BFS) 29,1% unseres Bruttoinlandsprodukts während unsere Militärausgaben im gleichen Zeitraum bei 0,71 % des BIP lagen und nun bis ins Jahr 2030 auf ungebundene 1% angehoben werden sollen. Hier ist klar festzuhalten, dass beide Bereiche, «Sicherheit» und «gemeinsame Wohlfahrt» gemäss Art. 2 unserer Bundesverfassung Kernaufgaben unseres Staates sind. Sie sind somit beide mit Priorität und ausreichend zu alimentieren. Es ist unprofessionell, unehrlich und perfid sie in einer politischen Auseinandersetzung aus ideologischen Gründen gegeneinander auszuspielen. Ferner geht es auch nicht an, dass eine Bundesaufgabe, ausgehend vom Zeitgeist und rein parteipolitischen Überlegungen ungebührlich zu Lasten einer anderen bevorzugt wird. Niemand bestreitet, dass Aufwendungen für soziale Aufgaben, Gesundheit und Bildung notwendig sind. Aber Realität ist auch, dass ein Wohlfahrtsstaat wie die Schweiz nur bei Stabilität im Innern und Sicherheit gegen Aussen überhaupt gedeihen und finanziert werden kann. Und in diesem Kontext spielt unser aus zivilen und militärischen Elementen bestehender Sicherheitsverbund für Schutz, Rettung und Verteidigung eine zentrale Rolle.
admin.ch 08.06.2022	RUAG MRO und RUAG International getrennt: Auflösung der übergeordneten Holding	Anlässlich der Generalversammlung der übergeordneten Beteiligungsgesellschaft von RUAG (BGRB Holding AG) vom 8. Juni 2022 hat der Bund als Eigner von RUAG der Auflösung der BGRB Holding AG zugestimmt. Die Entflechtung von RUAG ist somit abgeschlossen. Die in erster Linie für die Schweizer Armee tätige RUAG MRO und RUAG International werden künftig wie die anderen bundesnahen Betriebe direkt vom Bund geführt.  <i>(Vollständige Medienmitteilung abrufbar unter:</i> <a href="https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-89178.html">https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-89178.html</a> <i>)</i>
tagesanzeiger.ch 07.06.2022 16:07	Kampfjet-Gegner bringen Initiative nicht mehr rechtzeitig an die Urne	Interne Dokumente aus der Verwaltung zeigen: Die Stopp-F-35-Allianz hat bereits im März ihre Chance verspielt. Sie kann den Fliegerkauf nicht aufhalten.  <i>(Vollständiger registrierpflichtiger Artikel abrufbar unter:</i> <a href="https://www.tagesanzeiger.ch/kampfjet-gegner-bringen-initiative-nicht-mehr-rechtzeitig-an-die-urne-174502452247">https://www.tagesanzeiger.ch/kampfjet-gegner-bringen-initiative-nicht-mehr-rechtzeitig-an-die-urne-174502452247</a> <i>)</i>
sp-ps.ch 02.06.2022	Ausgabenexzess bei der Armee, Kürzungen bei	Ohne Rücksicht auf Verluste hat nach dem Nationalrat heute auch die rechte Mehrheit im Ständerat entschieden, die Armeeausgaben bis 2030 schrittweise auf ein Prozent des Bruttoinlandprodukts (BIP) zu erhöhen. Das werden 2030 pro Jahr gut drei Milliarden mehr sein als heute. Dieser Entscheid ist unausgegoren

	Bildung und Landwirtschaft	<p>und konzeptlos. Es fehlt eine plausible Beschaffungsliste. Und die Haltung des Bundesrats ist widersprüchlich: Er soll endlich sagen, wo es wegen der zusätzlichen Armee-Milliarden zu Sparübungen kommt.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter:</i>  <a href="https://www.sp-ps.ch/de/publikationen/medienmitteilungen/ausgabenexzess-bei-der-armee-kuerzungen-bei-bildung-und">https://www.sp-ps.ch/de/publikationen/medienmitteilungen/ausgabenexzess-bei-der-armee-kuerzungen-bei-bildung-und</a>  <i>)</i></p>
vbs.admin.ch 02.06.2022	Ständerat will bei Kampfflugzeug-Beschaffung Nägel mit Köpfen machen	<p>Der Ständerat hat die Armeebotschaft 2022 verabschiedet. Bei der Kampfflugzeug-Beschaffung bevollmächtigt er den Bundesrat, denn Kaufvertrag bis spätestens Ende März 2023 zu unterzeichnen. Ferner stellt er für Beschaffungen zusätzlich 300 Millionen zur Verfügung.</p> <p>F-35A und Patriot</p> <p>Kontrovers diskutiert wurde im Ständerat die Beschaffung der 36 F-35A-Kampfflugzeugen. Dies deshalb, weil dessen Sicherheitspolitische Kommission (SiK-S) beantragte, den Bundesrat zu beauftragen, den Kaufvertrag bis spätestens Ende März 2023 (Ablauf der Gültigkeit der Offerten) zu unterzeichnen. Heisst konkret: Der Bundesrat unterschreibt, bevor über die Volksinitiative Stop F-35 abgestimmt werden kann. Grund für den Antrag: Da die Initiative noch nicht eingereicht ist, kann nicht mehr vor Ablauf der Gültigkeit der Offerten darüber abgestimmt werden. Der Bundesrat unterstützt dieses Vorgehen. Mit 31 gegen 12 Stimmen stimmt der Ständerat der Unterschriftsvollmacht zu. Die Mehrheit betont, dass die Volksinitiative keine aufschiebende Wirkung habe. Zudem komme das Volksbegehren einem Finanzreferendum gleich, das verfassungsrechtlich ausgeschlossen sei. Die Mehrheit befürchtet auch, dass die Schweiz ihren Produktionslot verlieren könnte, wenn sie die Vertragsunterschrift hinauszögern würde. Mit 35 gegen 8 Stimmen stimmt der Ständerat der F-35A-Beschaffung zu. Ebenso unterstützt der Ständerat die Beschaffung von 5 Patriot-Feuereinheiten. Mit 43 Stimmen stimmt er dem Bundesbeschluss zu.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter:</i>  <a href="https://www.vbs.admin.ch/de/home.detail.news.html/vbs-internet/parlament/2022/220602c.html">https://www.vbs.admin.ch/de/home.detail.news.html/vbs-internet/parlament/2022/220602c.html</a>  <i>)</i></p>
forbes.com 02.06.2022	Not So Fast - Switzerland Will Have Another Referendum on the F-35	<p>It's taken less than 9 months for a coalition of Left-wing political groups including The Group for a Switzerland without an Army (GSoA) to fulfill the first part of a pledge to get the country to reverse course on its acquisition of 36 F-35As. Now they say they have gathered the required 100,000 signatures to trigger a new referendum on buying Lockheed Martin's 5th generation fighter.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i></p>

		<a href="https://www.forbes.com/sites/ericteqler/2022/06/02/not-so-fastswitzerland-will-have-another-referendum-on-the-f-35/?sh=4e2d6b11e8a9">https://www.forbes.com/sites/ericteqler/2022/06/02/not-so-fastswitzerland-will-have-another-referendum-on-the-f-35/?sh=4e2d6b11e8a9</a>
f35.com 01.06.2022	F-35 Lightning II Program Status and Fast Facts	(Aktueller Status F-35 Lightning II Programm abrufbar unter: <a href="https://www.f35.com/content/dam/lockheed-martin/aero/f35/documents/F-35_Fast_Facts_06_2022.pdf">https://www.f35.com/content/dam/lockheed-martin/aero/f35/documents/F-35_Fast_Facts_06_2022.pdf</a> )
vbs.admin.ch 01.06.2022	Richtig- und Klarstellungen Radio SRF «Echo der Zeit» 01.06.2022 F-35 Kauf: Wo bestehen Risiken?	<b>EIN MUST!</b>  Radio SRF berichtete in der Sendung «Echo der Zeit» vom 1. Juni 2022 und auf ihrer Webseite über den diesjährigen Prüfbericht des amerikanischen Rechnungshofes (GAO) zum Kampfflugzeug F-35A. Im Bericht von Radio SRF werden jedoch aufgrund des Prüfberichtes und Aussagen der zuständigen Direktorin Rückschlüsse auf das Schweizer F-35A Programm gemacht, die aus erklärbaren Gründe falsch sind. Das VBS veröffentlicht deshalb folgende Klarstellung:  <ol style="list-style-type: none"> <li>1. Verfügbarkeit der Schweizer F-35A ist sichergestellt</li> <li>2. Schweizer F-35A werden in Block 4 Konfiguration ausgeliefert</li> <li>3. Verfügbarkeit der Triebwerke ist sichergestellt</li> </ol> (Vollständige Medienmitteilung abrufbar unter: <a href="https://www.vbs.admin.ch/de/aktuell/richtiqstellungen.html#22-06-01-radio-srf">https://www.vbs.admin.ch/de/aktuell/richtiqstellungen.html#22-06-01-radio-srf</a> )
		<b>Luft- und Marineluftstreitkräfte sowie strategische und weitere luftgestützte Einsatzmittel</b>
dailyfinland.fi 17.06.2022 01:50	ROU/NOR: Romania to buy 32 used F-16 jets from Norway	The Romanian government is set to buy 32 second-hand F-16 aircraft from Norway, with a draft law approved on Thursday, reported Xinhua. The planes will be delivered in condition to operate for at least 10 years, during the transition period to the 5th generation F-35 aircraft, the Defense Ministry said in a statement. The estimated funds for the acquisition are around 454 million euros, including 354 million euros to Norway for the

		two fighter squadrons, and 100 million euros to the United States for logistical support and specific equipment needed to modernize the aircraft. Currently, the Romanian Air Force has 17 F-16s bought from Portugal since 2016. These have been used to carry out national and NATO missions, alongside some 20 aging MiG-21 LanceR aircraft. The latter are scheduled to retire in one year.
saabgroup.com 16.06.2022	USAF: Saab Completes EMD T-7A Red Hawk Deliveries from Sweden	Saab has shipped the last of five fully installed T-7A Red Hawk aft fuselages from its factory in Linköping, Sweden to Boeing's production site in St. Louis. In addition to the five Engineering and Manufacturing Development (EMD) aft fuselages, Saab has over the program also delivered two test fuselages, one for static testing and one for fatigue testing. The final delivery, which took place on 6 May 2022, marks an important milestone in the program. All production will now be transferred to Saab's new and smart production facility in West Lafayette, Indiana where all future production of the T-7 aft fuselage will take place, supported by both Saab's Swedish- and US-based personnel. T-7A Red Hawk is an all-new, advanced pilot training system designed for the U.S. Air Force to train the next generation of combat pilots for decades to come. The aircraft has benefited from Saab and Boeing's "breaking the norm" approach to military aircraft design, engineering and production, which saw the preceding T-X aircraft go from concept to first flight in just 36 months.
taiwannews.com.tw 15.06.2022 14:32	TWN: Six Taiwan fighter jets fly to US after F-16V upgrade	Six newly upgraded F-16V fighter jets returned to the United States to continue training, reports said Wednesday (June 15). The aircraft, one single-seat and five two-seat jets, arrived at Hualien Air Force Base on June 10 after flying from Arizona via Hawaii. Taiwan has a total of 11 F-16 jets stationed at Luke Air Force Base in Arizona for training, the Liberty Times reported. Taiwan has been converting its 140 F-16A/B aircraft to F-16V status at a total cost of NT\$110 billion (US\$3.72 billion) while also ordering 66 new F-16V fighters. On June 7, another F-16 jet on its way back to Taiwan ended up on its nose at Honolulu Airport due to a landing gear malfunction, but nobody was injured in the incident, reports said.
defencweb.co.za 15.06.2022	AGO: New Il-76 for Angola	It appears the Angolan Air Force is taking delivery of another Ilyushin Il-76 transport aircraft as part of a batch of several additional airlifters. The Il-76TD, registration T-914, was spotted in Minsk, Belarus, earlier this month. Although painted in white, it was wearing Forca Aerea Nacional de Angola markings. On 9 June, the aircraft was tracked by FlightRadar24 over Egypt after departing Belarus on what is presumably its delivery flight. It appears Angola may be acquiring several additional Il-76s. Il-76 registration T-912 was seen over Belarus in April and was first observed in February this year, indicating the first of a new batch: other Il-76TDs in Angolan service are T-908, T-909, T-910, and T-911, so based on the registrations, this indicates three additional aircraft are being delivered, possibly from ex-Belarusian stocks. The Angolan Air Force has operated Il-76s for some 20 years. According to Scramble, only seven are currently operational, eight have been scrapped, and one is in

		storage. The type is flown by the Esquadra de Transportes which is based at Base Aérea No 1 (Luanda/4 de Fevereiro).
pna.gov.ph 14.06.2022 01:38 PM	PHL: Air Force eyes buying more FA-50 aircraft	<p>The Philippine Air Force (PAF) is mulling to acquire more advanced versions of South Korea's Mach 1.5 capable FA-50 light combat aircraft. "Yes, it is an option. The FA-50s is a good lead-in trainer fighter aircraft na rin, halos multi-role, pwede siyang mag-air-to-ground (it can be considered almost as a multi-role aircraft as it can do air-to-ground missions) or air-to-air. It provides a good training opportunity for the pilots to step up to higher performance aircraft," PAF chief Lt. Gen. Connor Anthony Canlas Sr. said in a media interview on Monday.</p> <p>Recently, the Korea Aerospace Industries (KAI) bared its plans to upgrade the range and capabilities of its FA-50 aircraft by increasing its fuel and weapons carrying capacity. The PAF has 12 FA-50s which it acquired from KAI for PHP18.9 billion. These aircraft are now called FA-50PH and are now used by the PAF for its 5th Fighter Wing. The delivery of the aircraft began in November 2015 and was completed in May 2017.</p>
defenceweb.co.za 13.06.2022	ZAF: SAAF Gripen still on the ground	<p>The sharp end of the SA Air Force (SAAF) – Air Force Base (AFB) Makhado-based 2 Squadron and its Saab Gripen fighters – has been dormant for more than six months with, as yet, no date known or set for the Swedish-built jet fighters to take to the sky with South Africans in the cockpit. Making matters worse is the Gripen simulator is part and parcel of the not renewed maintenance and support contracts that Department of Defence (DoD) Head of Communication (HOC) Sipiwe Dlamini omitted to mention in his December statement advising the temporary grounding of South Africa's Gripen fleet. The grounding was ascribed to a lack of funding along with maintenance and support contracts not being timeously renewed. defenceWeb, seeking an update on Gripen status, was told by Brigadier-General Mongezi Kweta, Director SAAF Corporate Services, through the SA National Defence Force (SANDF) Directorate: Corporate Communication (DCC), the "latest" user requirement specification (URS) utilised during negotiations for the Gripen contract includes the simulator. Flying, in his words "flights", will resume "after final placement of the contract" and the ordering and delivery of "certain spares" is done.</p>
defense.gov 13.06.2022	USN/FMS: F-35A Lot 17	<p>The Lockheed Martin Corp. is awarded a not-to-exceed \$67,400,000 modification (P00012) to a previously awarded fixed-price incentive (firm-target) advanced acquisition contract (N0001920C0009). This modification increases the scope to procure long lead-time materials, parts, components, and effort for the production of eight Lot 17 F-35A aircraft for one Foreign Military Sales (FMS) customer is expected to be completed in May 2026.</p>

<p>defbrief.com 12.06.2022</p>	<p>SWE/ITA: Sweden replacing old C-130Hs with Italian C-130J airlifters</p>	<p>The Swedish defense ministry has decided not to upgrade its ageing C-130H airlifter, opting instead for the purchase of newer Italian C-130J transport aircraft. This was revealed by the defense ministry in the latest budget document update. As detailed, the replacement is planned to be a gradual one, and would see Sweden initially buy four airframes from Italy. Two of the aircraft are set to arrive in Sweden in 2023 and would be upgraded at a later point in time. This was confirmed by Swedish Air Force Commander, Major General Carl-Johan Edström, who told Airforces Monthly that he hoped that two more airlifters could be bought from Italy, with the aim of completely replacing the six C-130H currently in service. Also referred as TP 84 in Swedish Air Force service, the Hercules has been in service since the 1960s, and is one of the oldest Hercules fleets in Europe. All of the six TP 84s are stationed at the Skaraborg Wing near Lidköping, which serves as a hub for Sweden's military transport aircraft and specialist aircraft. The aircraft that Italy would transfer to Sweden are expected to come from the 46<sup>a</sup> Brigata Aerea Silvio Angelucci at Pisa/San Giusto.</p>
<p>economictimes. indiatimes.com 12.06.2022 11:43 PM IST</p>	<p>IND: IAF plans to build 96 fighter jets in India under Rs 1.5 lakh cr for 114 combat aircraft</p>	<p>Amid a big push for the Aatmanirbhar Bharat scheme by the PM Narendra Modi-led government, the Indian Air Force is planning to acquire 114 fighter jets of which 96 would be built in India, and rest 18 would be imported from the foreign vendor chosen for the project. The Indian Air Force has plans of acquiring 114 Multirole Fighter Aircraft (MRFA) under 'Buy Global and Make in India' scheme under which Indian companies would be allowed to partner with a foreign vendor. As per the plan, after the initial 18 aircraft are imported, the next 36 aircraft would be manufactured within the country and the payments would be made partially in foreign currency and Indian currency, the sources said. The last 60 aircraft would be the main responsibility of the Indian partner and the government would make payments only in Indian currency, the sources said. Global aircraft manufacturers including Boeing, Lockheed Martin, Saab, MiG, Irkut Corporation and Dassault Aviation are expected to participate in the tender.</p>
<p>taiwannews.com.tw 10.06.2022 20:54</p>	<p>TWN: Six F-16 jets arrive in Taiwan from Arizona</p>	<p>Six F-16 fighter jets arrived in Hualien County from Arizona via Hawaii as part of an upgrading program, the military said Friday (June 10). Taiwan has started converting its 140 F-16A/B aircraft to F-16V status at a total cost of NT\$110 billion (US\$3.72 billion) while also ordering 66 new F-16V fighters. About 10 of the F-16A/B jets had been stationed at Luke Air Force Base in Arizona for training purposes, but due to the upgrading program, they had to fly back to Taiwan via Hawaii. Five single-seat and one two-seat aircraft arrived at Hualien Air Force Base around 3 p.m. Friday following frequent refueling in the air after their takeoff from Hawaii in the morning, CNA reported. According to a statement by the military, four Taiwan Air Force officers had been involved in the flights.</p> <p>On June 7, another F-16 jet on the same route ended up on its nose at Honolulu Airport due to a landing gear malfunction, but nobody was injured in the incident, reports said.</p>

<p>taiwannews.com.tw 10.06.2022 13:40</p>	<p>TWN: Brave Eagle jet trainers to drop concrete bombs off central Taiwan coast</p>	<p>The new domestically made “Brave Eagle” Advanced Jet Trainers (AJT) will drop concrete bombs off the coast of Taichung City in the latest phase of pilot training, reports said Friday (June 10). The first group of pilot trainees has completed its work with the new indigenous aircraft, but no bombing exercises had been conducted so far, CNA reported. The Air Force decided to stage mock bombings between June 23 and July 6 with jets dropping 500-pound (227 kilograms) concrete bombs into the sea near Taichung, between 10 and 11 a.m., and 2 and 3 p.m., with two to four bombs each day. While the F-5 will be phased out by the end of 2024, only 45 of the “Brave Eagles” are expected to be in service by then. This includes 33 at Chihang Air Force Base in Taitung County and 12 at the Gangshan base in Kaohsiung City.</p>
<p>janes.com 09.06.2022</p>	<p>DEU: Germany set to increase P-8A Poseidon buy</p>	<p>Germany is to increase its buy of Boeing P-8A Poseidon maritime multimission aircraft (MMA) as part of a wider increase in the national defence budget. Kommandeur Marineflieger, Sea Captain Thorsten Bobzin, confirmed the additional purchase in early June, which will happen in the context of Germany's recently announced EUR100 billion (USD107 billion) Söndervermögen (special fund) uplift in defence spending. While neither Capt Bobzin nor the committee disclosed the number of additional MPAs to be procured, German national media reported that seven more Poseidons will be added to the current order of five for a final fleet of 12.</p>
<p>janes.com 09.06.2022</p>	<p>THA: Thailand commences MS20 upgrades for Gripen</p>	<p>Thailand has initiated MS20 configuration upgrades to its fleet of SAAB JAS 39 Gripen C/D multirole combat fighters. Speaking to Janes , a spokesperson for the Royal Thai Air Force (RTAF) said that the “MS20 system improvement plan is currently in progress and the planned improvements are expected to be completed by 2025”. Janes had earlier reported that the original Thai budget allocation proposal for the project quotes a price of THB631.73 million (USD18.28 million). Sweden's Defence Materiel Administration (Försvarets materielverk – FMV) previously cited a median or reference price of THB629.22 million for phase one of the project. SAAB declined to comment on the particulars of the upgrade. However, as per information published by the company, the full gamut of the configuration comprises hardware and software upgrades to enhance the aircraft's capabilities for air-to-air, air-to-surface, and intelligence, surveillance, target acquisition, and reconnaissance (ISTAR) missions. The configuration will also update mission systems.</p>
<p>defense.gov 08.06.2022</p>	<p>USN/AUS: Distributed Targeting Processor - Networked (DTP-N) B-kits</p>	<p>The Boeing Co. is awarded a \$39,680,239 firm-fixed-price, cost-plus-fixed-fee modification (P00001) to a previously awarded contract (N0001921C0001). This modification exercises an option to procure 63 Distributed Targeting Processor - Networked (DTP-N) B-kits (32 for the Navy and 31 for the government of Australia); and 56 DTP-N A1-kits (32 for the Navy and 24 for the government of Australia), as well as DTP-N cyber security support data deliveries in support of DTP-N full rate production to implement anti-surface warfare capability in the F/A-18E/F and EA-18G aircraft. Work is expected to be completed in September 2024.</p>

<p>janes.com 08.06.2022</p>	<p>FRA/DEU/ESP: Dassault predicts decade of delay for FCAS fighter</p>	<p>Dassault, one of the three primary industrial partners on the trinational Future Combat Air System (FCAS)/Système de Combat Aérien Futur (SCAF), has said that continuing delays to agreeing terms will delay the entry into service of the New Generation Fighter (NGF) element of the programme by at least a decade. Under the current published timeline, the first flight of the NGF demonstrator was scheduled for 2027, with the final proposed design frozen in 2030 ahead of a proposed in-service date of 2040. Speaking to French media, however, Dassault CEO Éric Trappier said that the current planned in-service date is no longer tenable, with 2050 being a more realistic timeline. “2040 is already lost because we do not start yet,” Trappier told the BFM TV news channel on 6 June, adding, “So we are left rather for the 2050s.” Dassault's German partner Airbus told Janes.</p>
<p>embraer.com 03.06.2022</p>	<p>HUN: Embraer and Aeroplex Sign a MoU to Support the Hungarian KC-390 Aircraft</p>	<p>Embraer and Aeroplex have signed a Memorandum of Understanding (MoU) to cooperate on a project to qualify Aeroplex as an Embraer Authorized Service Center (EASC) in Hungary. The goal is to support and enable Aeroplex to provide line and intermediate maintenance to the Hungarian Defence Forces’ KC-390 Millennium aircraft. The Hungarian government signed a contract with Embraer for the acquisition of two C-390 Millennium multi-mission transport aircraft, in its Air-to-Air Refueling (AAR) configuration, designated KC-390. The acquisition is part of the process to strengthen the capabilities of the Hungarian Defence Forces. The first aircraft is scheduled to be delivered in 2024. These KC-390 are fully NATO compatible, not only in terms of its hardware but also in its avionics and communications configuration. Furthermore, the KC-390 probe and drogue refueling system means the aircraft can refuel the Hungarian JAS 39 Gripen, as well as other aircraft that use the same technology.</p>
<p>usff.navy.mil 03.06.2022</p>	<p>NATO/USN/ITA/ESP: NATO concludes Vigilance Activity Neptune Shield 22 (NESH22)</p>	<p>Creating opportunities to further enhance Alliance interoperability, NESH22 achieved the first air-to-air refuelling of a Spanish AV-8B from a U.S. F-18 tanker. Also, the first air-to-air refuelling of an Italian F-35B demonstrated the first ever non-U.S. F-35B to re-fuel mid-air by a U.S. F-18 jet. The ability to do so did not exist prior to the start of NESH22 and pave the way for further integration between the U.S. and other F-35 NATO nations, such as Canada, Australia, Denmark, Norway, the Netherlands, and the U.K.</p>
<p>defensenews.com 03.06.2022</p>	<p>DEU: Budget boost in hand, Germany puts more P-8sub-hunting planes on its shopping list</p>	<p>German lawmakers today passed a €100 billion (U.S. \$107 billion) defense budget boost, initiating a major spending spree over several years that is expected to include seven new P-8 Poseidon maritime-surveillance planes in addition to five copies ordered last year. Officials want the planes for their advanced submarine-hunting capabilities, as Germany’s existing fleet of P-3C Orion aircraft is on its last legs.</p>

<p>airforcemag.com 03.06.2022</p>	<p>USAF: Five US Aircraft Left to Certify with KC-46 Tanker</p>	<p>Only five U.S. aircraft have yet to be operationally certified to refuel from the KC-46, but the Pegasus can still tank up those aircraft in an emergency, according to Air Mobility Command. The last certifications will be driven by test events and not a calendar schedule, AMC said. While AMC announced June 2 that some 97 percent of U.S. Transportation Command air refueling taskings can be met by the KC-46, the tanker is not yet certified for the A-10 attack jet; B-2 bomber; CV-22 tiltrotor special operations turboprop; E-4 flying command post, and MC-130H special operations tanker.</p> <p>“We’re continuing to work through operational certifications” on the last five airplanes, “but they face no technical hurdles,” an AMC spokeswoman said. The only jet that doesn’t apply to is the A-10, which is restricted because of the KC-46’s “stiff boom” deficiency, she noted. The issue affects lightweight aircraft such as the A-10 being unable to deliver sufficient power to compress the boom enough to maintain refueling position. It’s not known whether all the remaining aircraft will be certified in the next ICR certifying aircraft for operational taskings from US TRANSCOM, as those clearances depend on testing which is event-driven, not calendar-driven, the spokeswoman said.</p>
<p>defensenews.com 02.06.2022</p>	<p>USAF: Here’s how Tinker Air Force Base cut heavy maintenance time for F-35 engines in half</p>	<p>A hiring wave, process overhauls, and new tools and equipment have helped a U.S. Air Force base cut by more than half the time it takes to repair and overhaul F-35 engines, from an average 244 days to 106. And the commander of the base’s Oklahoma City Air Logistics Complex hopes that in two years, if it gets the necessary resources, Tinker Air Force Base will be able to repair anywhere from 105 to 120 F135 power modules per year. That would be more than double the 51 it handled in 2021, Maj. Gen. Jeffrey King said in a May 26 interview. Tinker also increased the number of power modules it maintains each year, from 14 in 2020 to 51 in 2021. This year, King said, it’s likely to turn around more than 70, beating its goal of 60. And next year he hopes the depot will be able to finish about 90, paving the way for it to hit between 105 and 120 in 2024.</p>
<p>aviationnews.eu 01.06.2022</p>	<p>NLD: The Netherlands Government buys more F-35A and Reaper drones</p>	<p>The Dutch Ministry of Defense is going to invest heavily in new equipment, including F-35As and armed drones. This will involve a total of six additional F-35s (fighter jets), four additional MQ-9A Reaper Unmanned Combat Aerial System, all Reapers will be armed. More Patriot air defense systems and cruise missiles for the Navy. There is also investment in more firepower for the land forces. For example, more armored howitzers are being brought back into service. This is the heaviest artillery of the army and can fire at targets up to 50 kilometers away. There should also be rocket artillery to fire at targets at a distance of about 100 to 300 kilometers.</p>
<p>thedrive.com 01.06.2022</p>	<p>USAF:</p>	<p>The Air Force’s Next Generation Air Dominance (NGAD) program — which includes a new manned fighter-like platform, associated collaborative drones, weapons, sensors, and communications architecture — has started</p>

	Air Force's Next Generation Air Dominance 'Fighter' Program Enters New Stage	its engineering, manufacturing, and development (EMD) program, Air Force Secretary Frank Kendall announced Wednesday. The goal, he said, is to turn NGAD into a real capability before 2030. "We have now started on the EMD program to do the development aircraft that we will take into production," Kendall said during a Heritage Foundation talk Wednesday afternoon.
		<b>Hubschrauber und Kipprotor-Flugzeuge</b>
defensenews.com 16.06.2022 06:31 PM	ARG: Argentina chooses to buy US-made Chinook over Russian Mi-26	Argentina has kicked-started the process for procuring four Boeing-made CH-47 Chinook heavy-lift helicopters from the U.S., military sources in Buenos Aires have told Defense News. Aimed at fulfilling a requirement first issued in 2011, the helicopters are intended for Army and Air Force operations, both in tactical transport and special forces support roles, as well as disaster relief and civil support. According to the military sources, speaking on the condition of anonymity for security reasons, the government had studied the Russian-built Mil Mi-26 but decided against buying the aircraft mainly over its size and maneuver capabilities.
flightglobal.com 16.06.2022	NATO: NATO next-generation helicopter project proceeds to concept phase	<p>Defence ministers from six NATO member countries have signed an agreement to launch the concept phase that could lead to the development of a next-generation military helicopter. France, Germany, Greece, Italy, the Netherlands and the UK have committed a combined €26.7 million (\$27.9 million) to fund the first phase of the Next Generation Rotorcraft Capability (NGRC) programme. Should NGRC proceed as planned, then a clean-sheet medium/heavy helicopter will be available to be fielded in the 2035-2040 timeframe.</p> <p>NATO says the concept phase analysis will be performed alongside industry and will "explore how to match their needs with the latest technology on the market". This includes hybrid and electric propulsion, a modular open system architecture, and "the delivery of radically improved flight characteristics". A list of required attributes for the NGRC, published in September 2021, included a maximum cruise speed of 220kt (407km/h) or above, and not less than 180kt, unrefuelled range in excess of 900nm (1,650km), and a maximum take-off weight of 10-17t, with internal payload of 2.5t.</p> <p>To be managed by the NATO Support and Procurement Agency (NSPA), the concept phase will run until 2025.</p>

		NATO sees members excluding the USA needing to replace up to 1,000 medium-weight helicopters in the coming decades.
flightglobal.com 14.06.2022	POL: Helicopters Poland picks AW149 for Perkoz helicopter requirement	<p>Poland is to acquire the Leonardo Helicopters AW149 super-medium-twin as part of a wide-ranging package of defence investment. No details of the quantity of AW149s to be acquired have been disclosed, although Polish news site Defence 24 reports that 32 helicopters will be purchased as part of the nation's Perkoz programme. Defence 24 says the AW149s will be assembled in Swidnik. Leonardo Helicopters is also offering the same platform to the UK for its New Medium Helicopter requirement, although these would be built in Yeovil in southwest England.</p> <p><i>(Ergänzende Information defenseneews.com vom 14.062022 11:13 PM: It also reported Poland will acquire the helicopters in three different formats: combat support; command; and reconnaissance and electronic warfare.)</i></p>
norwaytoday.info 10.06.2022	NOR: Norway terminates contract with supplier of helicopters, demands 5 billion kroner to be paid back	<p>The contract with the supplier of the Armed Forces' maritime NH90 helicopters is to be terminated, and the Norwegian government is demanding NOK 5 billion back from the supplier. The helicopters will be taken out of operation with immediate effect, Minister of Defense Bjørn Arild Gram (SP) announced at a press conference on Friday morning. "We have now carried out a thorough assessment of whether it is possible to get real operational benefits with the NH90 by implementing further measures from the defense sector. The conclusion was negative," the Minister of Defense said.</p> <p>The Norwegian Defence Materiel Agency has sent a cancellation declaration to NHI. Gram said that the helicopters will be returned and that the Norwegian authorities will demand to get back the 5 billion that has so far been paid for the helicopters. "This is the right decision for the NH90 and the maritime helicopter capacity. This was also our recommendation," Chief of Defense Eirik Kristoffersen stated. Defense equipment highlights four reasons why the contracts have now been terminated, accentuating delays and time-consuming maintenance as the more important ones.</p> <p>In 2001, the Ministry of Defense decided to purchase 14 NH90 helicopters from the Nato Helicopter Industries (NHI) consortium. The helicopters were to be used by the Coast Guard and for the Norwegian frigates in the Nansen class. The machines were to be delivered in the years 2005–2008, but the delivery was significantly delayed. In 2018, the Armed Forces had only received 8 out of 14, but 6 of them could only be used for training. At the beginning of 2022, one of the 14 was still not delivered. The number of flight hours has been significantly lower than assumed due to an unforeseen high need for maintenance. The Armed Forces have pointed out</p>

		that the Coast Guard's operational capability has been weakened as a result. It has now been decided that the helicopters will be phased out and that the contract will be terminated.
af.mil 07.06.2022	USAF: New MH-139 Grey Wolves will go to Joint Base Andrews	The Department of the Air Force selected Joint Base Andrews, Maryland, as the fourth location to host MH-139 Grey Wolves. The 25 new helicopters will replace the base's 21 aging UH-1N Hueys. The additional four aircraft will allow the base to execute continuation of government operations and distinguished visitor transport mission requirements without augmenting support units. In addition to providing updated capabilities to support missions in the National Capital Region, the Grey Wolf will increase speed, range, endurance, payload and survivability in support of the intercontinental ballistic missile mission, civil search and rescue, airlift and survival school/testing. The manpower required to support this mission will grow from 235 personnel to approximately 310.
bmvg.de 02.06.2022	DEU: Bundeswehr setzt künftig auf CH-47F Chinook-Helikopter	<p>Das Verteidigungsministerium hat am 1. Juni erneut eine bedeutende Rüstungsentscheidung getroffen. Bis 2030 werden 60 schwere Transporthubschrauber CH-47F in ihrer modernsten Variante beschafft. Der Chinook wird von Partnerationen weltweit eingesetzt. Finanziert werden die Hubschrauber aus dem Sondervermögen der Bundeswehr. Das Parlament muss der Entscheidung noch zustimmen.</p> <p>Der CH-47F kommt vom US-amerikanischen Rüstungsunternehmen Boeing-Vertol und wird seit 2007 von den US-Streitkräften eingesetzt. Auch eine Reihe europäischer Nationen nutzt den Transporthubschrauber: Zum Beispiel die Niederlande, mit denen Deutschland eng zusammenarbeitet. Die Bundeswehr bekommt die modernisierte „Block II Standard Range“-Version. Der Helikopter kann rund 40 Kubikmeter Material über eine Distanz von bis zu 1.000 Kilometern transportieren. Die Bundeswehrmodelle werden zudem so ausgerüstet, dass sie in der Luft betankt werden können. In den USA und Europa werden mehr als 500 CH-47F eingesetzt, was bei der Zusammenarbeit zum Beispiel im Rahmen der NATO die Interoperabilität des Transporthubschraubers erhöht. Piloten und Mechaniker aus verschiedenen Nationen sind für den Helikopter ausgebildet.</p> <p>Der CH-47F wird den CH-53 ersetzen, den bisherigen schweren Transporthubschrauber der Bundeswehr. Dieser wird seit knapp 50 Jahren von den deutschen Streitkräften genutzt. 2030 sollen die letzten CH-53 außer Dienst gestellt werden.</p>

		<b>Unbemannte Luftfahrzeuge (UAV) und Robotik</b>
defense.gov 16.06.2022	USN: MQ-4C Triton 4.0 multiple intelligence configuration	Northrop Grumman Systems Corp. is awarded a \$20,467,939 modification (P00039) to a previously awarded fixed-price incentive (firm-target) contract (N0001917C0018). This modification provides additional labor and material to incorporate production engineering change proposals that modify MQ-4C Triton unmanned aircraft system production assets (B13-B15) to an Integrated Functional Capability 4.0 multiple intelligence configuration for the Navy. Work is expected to be completed in April 2023.
defence-blog.com 16.06.2022	RUS/UKR: Ukrainian troops shoot down Russia's newest drone	The Armed Forces of Ukraine has shot down Russia's newest surveillance drone called the Merlin-VR. The Merlin-VR is considered to be a long-endurance unmanned system designed for intelligence gathering and support roles. Its most important feature is its hybrid propulsion system. The drone can carry payloads up to 6.5 kg, has a ceiling of 5 km, and endurance of at least ten hours. It can be used for collecting intelligence data, targeting artillery, spotting bomb damage assessment, relaying communications, and conducting electronic warfare. According to Russian state media, the new unmanned aircraft was developed by the Smolensk Research Institute of Modern Telecommunication Technologies. The Merlin-VR drone was first unveiled in 2021 and there was no more information about it.
romania-insider.com 15.06.2022	ROU: Romania cancels its only acquisition of military drones	Romania's Defense Ministry has canceled its only tender for the acquisition of military drones, despite rising security risks in the region. In 2020, the Parliament approved the purchase of seven UAS II class tactical drone operating systems. The acquisition would have added 21 drones to the Army's hold, plus maintenance, for around USD 277 million. However, the Defense Ministry recently canceled the order on the grounds that some specifications did not comply with its requirements, Hotnews.ro reported. The only offer came from a joint venture between Israeli group Elbit and French group Thales, which proposed the Watchkeeper X drone, also used by the British Army. The manufacturer claims that the drones had a configuration superior to the one required. Watchkeeper X is mainly used for surveillance and reconnaissance and can be equipped with offensive capabilities.
dailysabah.com 15.06.2022 03:55 PM GMT+3	TUR: Bayraktar Akıncı UCAV hits target with new ammo in firing test	Turkey's most advanced and sophisticated drone, the Bayraktar Akıncı unmanned combat aerial vehicle (UCAV), has successfully completed another important stage in the ammunition integration process. The developing company, Baykar, said the drone has completed a firing test with the domestically developed KGK-SIHA-82 (wing-assisted guidance kit) ammunition. The electro-optical camera on the Akıncı and the telemetry

		<p>antennas on the ground confirmed that the ammunition weighing 340 kilograms (750 pounds) hit the target 30 kilometers (18.64 miles) away with pinpoint accuracy.</p> <p>The Bayraktar Akıncı, which recently performed another successful firing test for a sea surface target with the Teber-82 Guidance Kit developed by another defense giant, Roketsan, also holds the altitude record in Turkish national aviation history.</p> <p>Within the scope of the contracts, the Bayraktar Akıncı UCAV and ground control systems are expected to be delivered periodically starting from 2023. Baykar, which made its first national UAV export in 2012, completed the export of \$664 million worth of UCAVs in 2021, obtaining more than 80% of its revenues from exports.</p>
mbda-deutschland.de 13.06.2022	Neue Plattform für das FUTURE COMBAT AIR SYSTEM	<p>Als neuartige fliegende Plattformen, die die Fähigkeiten von Lenkflugkörpern und Unmanned Aerial Vehicles (UAV) vereinen, erweitern «Remote Carrier» die Fähigkeiten des New Generation Fighter FCAS. Sie sind über die Combat Cloud mit dem Gesamtsystem vernetzt, das neben dem Fighter auch andere Plattformen und Command &amp; Control Funktionen umfasst, Ihr Einsatzspektrum reicht vom elektronischen Kampf, über Aufklärung bis hin zur Wirkung. Im Schwarm vernetzt können sie ein Lagebild in Echtzeit über die Combat Cloud teilen und gegebenenfalls kinematische und nicht kinematische Effekte zum Einsatz bringen. Um diese Aufgaben zu erfüllen, wird MBDA im Rahmen des FCAS-Programms nationale Schlüsseltechnologien entwickeln und weiterentwickeln. Dazu gehören Missionsintelligenz, kollaborative Algorithmen, robuste Datenkommunikation, neue Suchkopftechnologien, Navigation in gestörten Umgebungen sowie die Unterstützung der Menschen bei der Entscheidungsfindung. MBDA wird sowohl am eigenen Stand als auch am FCAS Gemeinschaftsstand mit Airbus Defence &amp; Space seinen Beitrag zur Remote Carrier Technologie vorstellen.</p>
tass.com 08.06.2022 14:36	RUS: Kamikaze drones successfully used in Russia's special operation in Ukraine	<p>The Russian KUB and Lancet kamikaze drones are intensively employed in combat operations in Ukraine, the state tech corporation Rostec told TASS on Wednesday. The drones are basically used to strike remote ground targets. "In particular, the Lancet is highly autonomous and carries an optical-electronic system that helps independently ferret out and destroy a target," it explained.</p> <p>The <b>KUB</b> drone was engineered by ZALA Aero (part of the Kalashnikov Group within Rostec). The drone carries a 3 kg warhead, can operate for 30 minutes and accelerate to 130 km/h. The KUB loitering munition successfully passed state trials in November 2021. Its mass deliveries to the Russian troops were scheduled for 2022.</p>

		<p>The <b>Lancet</b> drone was also developed by ZALA Aero and features several targeting systems based on coordinates, optoelectronics and combined technology. The drone is furnished with a television communication channel to transmit images of targets and confirm their successful destruction. The drone can strike targets within a range of 40 km and has a maximum take-off weight of 12 kg.</p>
<p>defenceweb.co.za 08.06.2022</p>	<p>NGA: Nigerien Bayraktar TB2 deliveries begin</p>	<p>Six Bayraktar TB2 unmanned aerial vehicles (UAVs) were delivered to Niamey airport last month following a November 2021 order for the type from Turkey’s Baykar. This was reported by RFI, with reports stating the six UAVs arrived at Niamey Airport in two Il-76 flights from a Ukrainian cargo company on 20 and 21 May. Other reports indicate a UAV base is being built in the central region of the country, with an eye on monitoring the security situation in Libya and Mali. The Bayraktar TB has a wingspan of 12 meters, endurance of 24 hours, and a mission range of 150 km. It is powered by a Rotax 912 engine. Turkey has sold its Bayraktar TB2 to Ethiopia, Ukraine, Morocco, Qatar, Kyrgyzstan, Libya, Turkmenistan, Azerbaijan and Poland.</p> <p>Niger has also ordered armoured personnel carriers (APCs) from Turkey’s NuroI Makina, in addition to Hurkus turboprop trainer/light attack aircraft. The first Hurkus will be delivered by mid-2022.</p> <p>Roketsan will be supplying missiles and smart rockets to Niger. They will likely be used to arm the Hurkus and TB2 aircraft – Roketsan manufactures the MAM and MAM-L guided munitions and UMTAS missiles used by the TB2. The Hurkus-C can carry L-UMTAS anti-tank guided missiles, Cirit laser-guided rockets, bombs, and cannon pods, although it is not clear which variant of the Hurkus Niger will be getting.</p>
<p>defbrief.com 07.06.2022</p>	<p>ISR: Israel’s SpearUAV unveils submarine-launched Ninox 103 UAS</p>	<p>Israel-based unmanned aerial systems (UAS) developer SpearUAV has officially unveiled its encapsulated, submarine-launched Ninox 103 UW UAS. The company says the “sub-to-air” system has proven capabilities in underwater-to-air transition for beyond-line-of-sight situational awareness. Designed for undetectable underwater launch, the Ninox is an autonomous, AI-based system that was unveiled at the Undersea Defence Technology exhibition in Rotterdam, Netherlands. What makes this system unique is its ability to depart a submarine and launch from the surface with a delay of up to 24 hours. The UAS has a range of up to 10 kilometers, and an endurance of around 40 minutes with a 1 kg dual sensor (electro-optical/infrared) payload.</p> <p>While the company says that Ninox is the world’s first sub-to-air loitering UAS, it is not the first submarine-launched UAS. The US Navy is already buying the Blackwing 10C UAS from AeroVironment as part of its submarine-launched unmanned aerial system (SLUAS) program, which is aimed at providing a low-cost solution for operations in anti-access/aerial denial (A2/AD) environments.</p>

<p>dailysabah.com 06.06.2022 03:38 PM GMT+3</p>	<p>TUR: Turkey's new kamikaze UAV Kargı debuts in Aegean drill</p>	<p>The new Kargı kamikaze unmanned aerial vehicle (UAV) developed by the Turkish defense industry was showcased for the first time as part of the EFES-2022 military drill. The Kargı project was initiated by Lentatek with the support of the Scientific and Technological Research Council of Turkey (TÜBİTAK). Kargı can suppress and destroy the radars of the enemy's integrated air defense and surface-to-air weapon systems. With preparations now complete, Lentatek is counting the days before the UAV enters serial production. The ground systems, navigation and automatic flight control system design and production were all developed domestically, as was the system's software. The kamikaze UAV is expected to replace the Israeli-made Harpy already in the TSK's inventory.</p> <p>The Kargı project is being carried out under the leadership of Lentatek in cooperation with other leading defense industry companies, namely Aselsan, Turkish Aerospace Industries (TAI) and TÜBİTAK's Defense Industries Research and Development Institute (SAGE). It bears the PG50 engine developed by TAI's engine producing subsidiary TUSAŞ Engine Industries (TEI). The aircraft is launched from canisters, which are also used as storage, thanks to the rocket engine. The Kargı forces the air defense radars to remain passive by navigating the enemy airspace for a long time and will be able to find its target and successfully destroy it with the RF seeker and destruction system.</p>
<p>taiwannews.com.tw 06.06.2022 14:53</p>	<p>TWN: Taiwan Army buys 50 short-range UAVs to improve joint battalion reconnaissance capabilities</p>	<p>The Taiwan Army has purchased 50 sets of tactical short-range unmanned aerial vehicles (UAV) in order to strengthen the reconnaissance capabilities of the military's joint battalions, the Army Command said on Monday (June 6). The Army prepared a budget of NT\$779.98 million (US\$26.5 million) from 2020 to 2023 to buy 14 of the rotor-wing UAVs this year and 36 sets next year, CNA reported. The drones will also improve the joint battalions' early warning capabilities and combat response time, the Army Command said.</p> <p>The command said the National Chung Shang Institute for Science and Technology (NCSIST) completed system integration of the UAV last year and is currently performing functional and performance tests. Delivery of the drones is expected to begin in the second half of this year. The command added that the designated pilots have obtained UAV operation licenses through NCSIST's drone training center. After UAV teams are established, the obtained information can be used at all levels to improve the transparency of the battlefield, it said.</p>
<p>janes.com 06.06.2022</p>	<p>USA: Northrop Grumman reveals development of Jackal 'sprint' loitering system</p>	<p>Northrop Grumman has disclosed details on its embryonic development of a new 'sprint' loitering weapon system, designated Jackal. An internal research and development (IRAD) initiative in association with AeroVironment, Jackal is intended to address a capability gap between current propeller-driven loitering weapon systems and requirements for tactical kinetic, intelligence, surveillance, and reconnaissance (ISR), and electronic warfare (EW) missions at extended range. The Jackal concept provides for a turbojet-powered</p>

		loitering weapon system – tube-launched from either air or ground platforms – designed to sprint to target areas to engage directly or loiter until a target is identified. The weapon's turbojet propulsion solution will develop a transit velocity of 'at least' 483 km/h (300 mph), the company said. "The current design is intended to fly out to 100 km and then have an on-station time of at least 15 minutes," a Northrop Grumman spokesperson told Janes.
tass.com 03.06.2022	RUS: Rostec designs new UAV navigation system, making drones invulnerable to electronic warfare	The Kalashnikov group of companies - part of Rostec corporation - have designed a new type of navigation for unmanned aerial vehicles (UAVs), which makes them practically invulnerable to electronic warfare systems, TASS learned from Rostec on Friday. "The design does not rely on satellite navigation and is implemented in the form of a closed-loop guidance system. This allows the drone to successfully counter electronic warfare systems, making it impossible to seize control over it," the company said. Besides, the new navigational system is more precise than the Inertial Navigation System (INS). According to designers, the use of it will help to minimize the number of lost drones.
asia.nikkei.com 03.06.2022	JPN: Japan to develop combat drones to assist jet fighters	<p>Japan plans to develop unmanned aircraft that will fly in support of fighter aircraft, as the government aims to strengthen the defense of its airspace and to deter attacks, Nikkei has learned. The drones will be jointly developed with the U.S. to allow the two allies to operate more closely together. The drones will be tasked with early detection of enemy aircraft and missiles. The government is also considering equipping the drones with missiles that would intercept missiles launched by an enemy. The government aims to develop a prototype air combat drone by fiscal 2025, and actual drones from fiscal 2026 onward. It has set a target of fiscal 2035 for deployment of the new aircraft.</p> <p>The drones will be equipped with artificial intelligence (AI) and fly autonomously in front of fighter aircraft. The drones will receive instructions from pilots or a remote command center and fly based on the AI's assessment of the terrain and weather conditions. The Japanese government is currently working on a new fighter aircraft to replace its F-2, aiming for deployment in 2035. The drones will be used to support the new fighter jets. The year 2035 is also the target date for China's military modernization. Japan, therefore, wants to build up capabilities in which manned and unmanned aircraft work together. As for the number of drones to be deployed, one idea is to have the same fleet size as the current 100 F-2 fighter aircraft.</p>

		<b>Bewaffnung und weitere Nutzlasten</b>
defense.gov 16.06.2022	USAF: JASSM-ER Lot 20	Lockheed Martin Missiles and Fire Control has been awarded a \$43,641,941 firm-fixed-price contract modification (P00018) to previously awarded contract FA8682-21-C-0001. The modification provides for the procurement of Lot 20 tooling, test equipment and Joint Advanced Global Positioning System Receiver Version Five for the Joint Air-to-Surface Standoff Missile – Extended Range missiles being produced under the existing contract. Work is expected to be completed by Jan. 30, 2026.
baesystems.com 14.06.2022	Seeker technology for low-observable persistent missiles	<p>BAE Systems has received a \$38 million contract from Lockheed Martin for additional guidance systems for Lockheed Martin’s Long-Range Anti-Ship Missile (LRASM) program. BAE Systems’ advanced radio-frequency sensor enables LRASM to strike specific, high-value maritime targets from long range in aggressive electromagnetic warfare environments.</p> <p>The LRASM provides warfighters with a capable precision strike weapon intended for use from airborne platforms including B-1B Lancer bombers, F/A-18E/F Super Hornet fighters, F-35 Lightning II fighters, P-8A Poseidon maritime patrol aircraft, and surface vessels via the Mark 41 Vertical Launching System. The missile’s diversity of launch platforms, survivability, range, and lethality provide critical capability and flexibility to warfighters – allowing them to project strength and strike when necessary.</p> <p><i>(Beschreibung Suchkopftechnologie abrufbar unter:</i>  <a href="https://www.baesystems.com/en/product/long-range-anti-ship-missile">https://www.baesystems.com/en/product/long-range-anti-ship-missile</a><i>)</i></p>
elbitsystems.com 15.06.2022	ISR: Elbit Systems presents its Latest Air-to-Surface Range Extension and Guidance Kit	Elbit System will showcase the Range Extension & Smart Tail (REST) kit for air-to-surface warheads during the Eurosatory 2022 as part of its portfolio of precision munitions. Already ordered for several warhead types, REST transforms almost any type of air-to-surface warhead into a high penetration standoff precision munition. The REST kit is a modular solution that includes a smart tail for navigation and guidance, and upper wings for range extension. The smart tail houses INS/GPS navigation computer and anti-jamming system. The upper wings are an aerodynamic super-structure embracing the warhead with two wings that are unfolded upon release. The REST kit provides all weather pinpoint ‘fire and forget’ capability to ranges of up to 120km and is capable of a

		steep impact angle for enhanced penetration of hard targets. The REST kit enables weapon system integration onboard Western and Eastern aircraft without avionics changes and is compatible with a range of warheads and fuzes.
defense.gov 09.06.2022	USN: AGM-158C-2 Long Range Anti-Ship Missile (LRASM)	<p>Lockheed Martin Corp. is awarded a \$31,993,851 cost-plus-fixed-fee order (N0001922F0010) against a previously issued basic ordering agreement (N0001919G0011). This order provides for Long Range Anti-Ship Missile (LRASM) AGM-158C-2 development, integration, and testing in support of providing a combined Anti-Surface Warfare (ASuW), LRASM, and Joint Air-to-Surface Standoff Missile (JASSM) strike capability for the Navy. Work is expected to be completed in July 2024.</p> <p><i>(Systembeschreibung LRASM abrufbar unter:</i>  <a href="https://www.lockheedmartin.com/en-us/products/long-range-anti-ship-missile.html">https://www.lockheedmartin.com/en-us/products/long-range-anti-ship-missile.html</a>)</p> <p><i>(Systembeschreibung JASSM abrufbar unter:</i>  <a href="https://www.lockheedmartin.com/en-us/products/jassm.html">https://www.lockheedmartin.com/en-us/products/jassm.html</a>)</p>
jpost.com 08.06.2022 14:48	ISR: New one-ton Bomb	<p>The IAF recently integrated a new one-ton bomb into the arsenal of weapons used by the F-35s Adir that can be carried inside the plane's internal weapons compartment without jeopardizing its stealth radar signature. The bomb – made by Rafael Advanced Weapons Systems - is said to be autonomous and protected against jamming and electronic warfare systems. The bomb was recently used in a series of IAF tests, the results of which were presented to Defense Minister Benny Gantz.</p> <p><i>(Ergänzende Information theaviationist.com vom 10.06.2022: Reports from few years back mentioned that the F-35I Adir would receive the Rafael Spice EO/GPS guided bomb and the Israel Military Industries Delilah man-in-the-loop-controlled cruise missile. Lockheed Martin and Rafael Advanced Defense Systems even signed a memorandum of understanding to evaluate potential markets and customer requirements for Rafael's Smart, Precise Impact and Cost-Effective (Spice) stand-off weapon guidance kits in 2018. The MOU covers both the Spice 1000 (453 kg / 1,000 pound weight class) and Spice 2000 (907 kg / 2,000 pound weight class) variants, with standoff ranges of 100 km and 60 km respectively. The Spice guidance kit is said to be insensitive to GPS jamming and this is fitting with the brief details provided by The Jerusalem Post. Adding the detail about the one-ton bomb, it is safe to say that the bomb in question is the Spice 2000.)</i></p> <p><i>(Technische Daten Spice 2000 abrufbar unter:</i>  <a href="https://www.rafael.co.il/wp-content/uploads/2019/03/Spice-English-30012020-new-format.pdf">https://www.rafael.co.il/wp-content/uploads/2019/03/Spice-English-30012020-new-format.pdf</a>)</p>
janes.com 08.06.2022	FRA/ESP:	The MBDA Akeron LP missile has been selected to equip the Airbus Helicopter Tiger Mk III rotorcraft, the rotorcraft manufacturer announced on 8 June. Commenting on the same day MBDA revealed its new Akeron

	<p>MBDA Akeron LP missile to arm Tiger Mk III attack helicopter</p>	<p>family of missiles, a representative of Airbus Helicopters said that the long-range version of the missile will arm the upgraded Tiger Mk III rotorcraft for France and Spain (Germany is yet to decide on its participation in the project). Described by MBDA as “a unique family of fifth-generation tactical combat missiles”, the Akeron series comprises MBDA's previously named Missile Moyenne Portée (MMP) anti-tank and its Missile Haut de Trame/Missile Longue Portée (MHT/MLP) long-range missile, now renamed Akeron MP and Akeron LP respectively.</p> <p><i>(Technische Beschreibung abrufbar unter:</i>  <a href="https://www.mbda-systems.com/product/akeron-lp/">https://www.mbda-systems.com/product/akeron-lp/</a><i>)</i></p>
<p>airforcemag.com 07.06.2022</p>	<p>USAF: Lockheed Martin, L3Harris, Northrop Grumman Get Stand-in Attack Weapon Contracts</p>	<p>Three contractors received 90-day, \$2 million contracts to begin work on the Stand-in Attack Weapon, or SiAW, one of the Air Force’s next generation of air-to-ground munitions. Lockheed Martin, L3Harris, and Northrop Grumman got contracts for the work out of a five-competitor field that also included Boeing and Raytheon Technologies.</p> <p>It was not immediately apparent whether the three companies will do competitive or complementary work under the contracts, which were awarded May 25. Lockheed Martin said its contract is to perform integration work for SiAW and that it will produce hardware over the next five years, which the Air Force will then test and evaluate for possible production.</p> <p>The Air Force has budgeted \$1.9 billion for SiAW development over the future years defense plan starting in fiscal 2023 and continuing until 2027. The fiscal 2023 request is for \$283.2 million, and development funding is expected to peak in fiscal 2026, with \$718.2 million planned. The SiAW apparently builds on work done with Northrop’s Advanced Anti-Radiation Guided Missile (AARGM) for the Navy, itself a derivative and expansion of the AGM-88 HARM air-to-surface anti-radiation missile. USAF’s initial acquisition strategy was to pursue the weapon sole-source from Northrop Grumman, but in April 2021, it decided to open the program to other contenders.</p> <p>In a press release, Lockheed Martin linked to a YouTube video showing an F-35 launching six SiAWs—four from underwing stations and two from its internal weapons bays. The weapons fly straight ahead and then straight up before the video ends. Gates said this flight profile is typical for weapons that will travel some distance before striking their targets. The video suggests the SiAWs can be volley-launched and guide to their targets simultaneously. Gates declined to say what kind of guidance the weapon uses, referring any operational questions to the Air Force. While the Air Force plans the weapon for use on the F-35, “I would stay away from”</p>

		<p>saying it is the threshold platform, Gates said. “It depends on what the Air Force wants to do with it.” Gates said Lockheed Martin’s offering includes “the ability to have pieces or parts rapidly upgradeable within the weapons” that can address a changing threat. The Air Force will “decide on seekers, motors, internal warheads, internal parts to the weapon, and as the threat changes, we’re able to change those parts of the weapons.”</p> <p><i>(Ergänzende Information thedefensepost.com vom 08.06.2022: The SiAW air-to-ground weapon system is intended to penetrate anti-access/area denial environments by striking surface elements such as “theater ballistic missile launchers, land-attack and anti-ship cruise missile launchers, GPS jammers, anti-satellite systems, and integrated air defense systems.”)</i></p> <p><i>(Ergänzende Information news.northropgrumman.com vom 09.06.2022: Northrop Grumman Corporation has received a contract, with follow on options, for development of the Stand-in Attack Weapon (SiAW) missile. The period of performance for the contract is three months, with three competitive gates for three prime contractors to validate their missile capabilities under a digital acquisition approach that emphasizes agility and innovation. Northrop Grumman has invested to mature and test its missile design, which meets U.S. Air Force requirements for SiAW and other programs. Harnessing in-house digital engineering capabilities, Northrop Grumman is completing preparations to launch its missile this year. To address changing mission requirements, the solution features open architecture interfaces which will bridge current requirements with future upgrades. During Phase 1 of the SiAW competition, the U.S. Air Force intends to align the SiAW missile system technical capabilities to the Air Combat Command requirements and to the Air Force Weapon Government Reference Architecture. Tasks include the establishment of an integrated digital environment to design, develop, and test the initial increment of the SiAW missile system utilizing a digital engineering methodology and model-based systems engineering best practices. To date, Northrop Grumman has flown and successfully validated its capabilities against relevant, integrated air defense targets. The company will continue to assess its offering through the use of digital engineering and prove its capabilities with more stressing flight test scenarios culminating with a missile launch this year. The Northrop Grumman solution leverages the Navy’s AARGM-ER, engineering and manufacturing development, low-rate initial production and integration work on the F-35 aircraft. The capabilities demonstrated by Northrop Grumman are relevant and support rapid fielding across multiple missions and platforms.)</i></p> <p><i>(Artikel “New SiAW Seen as Modular, Pathfinder Weapon” veröffentlicht in airforcemag.com vom 15.06.2022 abrufbar unter: <a href="https://www.airforcemag.com/new-siaw-seen-as-modular-pathfinder-weapon/">https://www.airforcemag.com/new-siaw-seen-as-modular-pathfinder-weapon/</a>)</i></p>
<p>baesystems.com 07.06.2022</p>	<p>M-Code GPS receiver enables precision strike capabilities in contested environments</p>	<p>BAE Systems unveiled its newest advanced M-Code GPS receiver for guided weapons and other small applications, enabling precise geolocation and strike capabilities in highly contested battlespaces. The Strategic Anti-jam Beamforming Receiver – M-Code (SABR-M) delivers accurate position, velocity, altitude, and timing data, as well as strong protection against GPS signal jamming and spoofing – critical capabilities for unmanned aerial vehicles (UAVs), precision-guided munitions (PGMs), and missiles in threat environments. SABR-M</p>

		<p>integrates receiver technology with advanced antenna electronics in a small, hardened package designed to meet challenging performance requirements, such as weapons applications. It is the most capable integrated anti-jam GPS receiver and the first integrated M-Code receiver available for weapon systems. The compact (4.5 x 6 x 1 inch) SABR-M meets size, weight, power, cost (SWaP-C), and thermal requirements for space-constrained military applications. It uses advanced beamforming technology to improve GPS signal reception and counter threat signals. SABR-M is form-compatible with previous generations of the field-proven SABR receiver, which are currently integrated on low-cost precision weapon systems and long-range cruise strike missiles. SABR-M will be fully qualified for production by the end of 2022.</p>
<p>dailysabah.com 07.06.2022 01:14 PM GMT+3</p>	<p>TUR: Turkish defense industry eyes new air-to-air missiles for Akıncı UCAV</p>	<p>The Defense Industries Research and Development Institute (SAGE) of the Scientific and Technological Research Council of Turkey (TÜBİTAK) is working with the team that developed Turkey's state-of-the-art unmanned combat aerial vehicle (UCAV) Akıncı for air-to-air missiles. Its General Director Gürcan Okumuş told Anadolu Agency (AA) during the MMG-EURITECH Eurasia R&amp;D, Innovation &amp; Technology Summit and Exhibition held in the IT Valley in northwestern Kocaeli province's Gebze district. Okumuş said that air-to-air missiles are very critical and they are defined as the "sword" of aircraft.</p> <p>Turkey has also neared the final stage when it comes to its homegrown air-to-air missiles Bozdoğan and Gökdoğan, also developed by TÜBİTAK SAGE.</p>
<p>dailysabah.com 05.06.2022 02:37 PM GMT+3</p>	<p>TUR: Turkey starts mass production of laser-guided munition for its drones</p>	<p>Turkey has started to mass-produce its latest miniature munition developed for unmanned aerial vehicles (UAVs), an official said Saturday. Developed by TÜBİTAK Defense Industries Research and Development Institute (SAGE), the laser-guided munition Bozok has undergone multiple successful fire tests. Its firing tests saw it being integrated into the Bayraktar TB2 unmanned combat aerial vehicle (UCAV), developed by drone magnate Bayraktar.</p> <p>Bozok is smaller, has a more effective warhead, an extended range and a light compact structure in comparison to the MAM-L, which has been actively used by Turkey's drones. MAM-L is part of the family of domestically developed smart micro munitions (MAM), which also includes MAM-C and MAM-T. Bozok's precision guidance is achieved using the semi-active laser seeker. It presents a large-scale anti-personnel effect relying on proximity sensors and optimized target effectiveness. "There have been firing tests where we have gone over 15 kilometers with Bozok, we are looking at where we can bring this further. We are aiming for an even longer range," Gürcan Okumuş, manager of TÜBİTAK SAGE said.</p>

bulgarianmilitary.com 04.06.2022	ISR: Python-5 – Rafael’s 5th-gen air-to-air missile (AAM)	<p>The new missile was created by Rafael Armament Development Authority Ltd. based on the well-established Python 4 SD using the latest advances in rocket science. Python 5 is equipped with a new dual-band thermal seeker, and a digital autopilot integrated with the INS. The digital autopilot with signal processor implements complex flight control algorithms, and also significantly increases the protection against IR interference. The presence of INS provides the possibility of hitting a target in any hemisphere. Thus, the possibility of firing without first capturing the target by the homing head-on target designation from the NSC is realized.</p> <p><i>(Datasheet abrufbar unter:</i>  <a href="https://www.rafael.co.il/wp-content/uploads/2019/03/python-5-eng.pdf">https://www.rafael.co.il/wp-content/uploads/2019/03/python-5-eng.pdf</a>)</p>
		<p><b>Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance</b></p>
iai.co.il 13.06.2022	ISR: IAI Unveils the GREEN LOTUS Multi-Sensor System for C-RAM and Air & Ground Surveillance	<p>Israel Aerospace Industries (IAI) has unveiled its latest tactical multi-mission, multi-sensor system: the GREEN LOTUS (ELI-2139). Designed to provide high performance Counter-Rocket, Artillery &amp; Mortar (C-RAM) and Air &amp; Ground Surveillance capabilities to maneuvering as well as stationary forces, the GREEN LOTUS features a unique array of active and passive sensors that maximize situational awareness and countermeasures efficiency. The GREEN LOTUS integrates a proven range of IAI-ELTA’s sensors into a highly automated system that detects, tracks, classifies, and identifies aerial targets, from very low Radar Cross Section (RCS) mortar, rocket and artillery fire and small drones, to manned and unmanned fixed and rotary wing aircraft. It also performs ground surveillance, detecting and tracking vehicles and slow-moving personnel.</p> <p>The multi-sensor data is collected and processed within the system's unified command and control (C2) console, which employs AI to enhance detection, classification, and identification capabilities. The combined data provides users with a clear and comprehensive Situational Awareness Picture (SAP) and seamlessly integrates with countermeasures systems, facilitating highly effective target acquisition and discretion. The structure allows for full 360° coverage when populated with a full sensors array.</p>

<p>northropgrumman.com 10.06.2022</p>	<p>USAF : Northrop Grumman Upgrades Radars for Air National Guard F-16s</p>	<p>The U.S. Air Force has completed installation of Northrop Grumman Corporation’s AN/APG-83 Scalable Agile Beam Radar (SABR) on Air National Guard F-16s to meet a U.S. Northern Command Joint Emergent Operational Need (JEON) for homeland defense. SABR extends the operational viability and reliability of the Air National Guard F-16s and provides pilots with 5th generation fighter radar capabilities. With this upgrade, the APG-83 radar is flying operationally on 72 jets stationed at nine U.S. Air National Guard bases throughout the country. Northrop Grumman provides the SABR APG-83 Active Electronically Scanned Array (AESA) fire control radar for the F-16 with advanced capabilities derived from Northrop Grumman’s family of highly successful 5th generation fighter AESA radars. The greater bandwidth, speed and agility of the APG-83 enables the F-16 to detect, track and identify a greater number of targets faster and at longer ranges. In addition, it features all-weather, high-resolution synthetic aperture radar mapping to present the pilot with a large surface image for more precise target identification and strike compared to legacy systems.</p>
<p>reuters.com 09.06.2022 02 :00 PM GMT+2</p>	<p>DNK/FRO: Denmark, Faroe Islands agree to establish North Atlantic air radar</p>	<p>Denmark and the Faroe Islands agreed on Thursday to establish an air surveillance radar on the North Atlantic archipelago as part of efforts to keep a closer eye on activities in the Arctic, the Danish Defence Ministry said in a statement. The two had initially announced a plan for the radar project in February 2021, but it has taken on more urgency in the wake of Russia's invasion of Ukraine. The radar will monitor airspace between Iceland, Norway and Britain with a range of 300-400 kilometres, as part of Denmark's plans to boost its defensive capabilities and surveillance in the Arctic. The Faroe Islands, located some 320 kilometres north of Scotland, are sovereign territory under the Kingdom of Denmark. Denmark earlier this week agreed on a partnership to exchange Arctic surveillance data with Iceland.</p>
<p>c4isrnet.com 06.06.2022</p>	<p>USARMY : US Army closes in on faster jet to replace Guardrail aircraft</p>	<p>With two demonstrator aircraft logging hundreds of hours in the European and Pacific theaters, the U.S. Army is closing in on a replacement for its aging Guardrail turboprop aircraft that provides intelligence, surveillance and reconnaissance with a faster, more capable jet. The service has significant obsolescence problems with its current fleet of Cold War-era Guardrail Common Sensor ISR aircraft deployed in both South Korea and Europe. The Army has reached a point where it is pulling parts from the boneyard to keep the aircraft operational. The Army is expected to soon decide on whether to move forward with a program it is calling HADES, or the High Accuracy Detection and Exploitation System.</p> <p>According to fiscal 2023 budget documents, the Army plans to begin a prototype acquisition and demonstration phase for HADES in the second quarter of that fiscal year. A prototype would undergo qualification, testing and evaluation beginning in the second quarter of FY24 through the second quarter of FY26, followed by a military user assessment ending in the fourth quarter of FY28.</p>

		<p><i>(Vollständiger Beitrag abrufbar unter:  <a href="https://www.c4isrnet.com/miltech/2022/06/06/us-army-closes-in-on-faster-jet-to-replace-guardrail-aircraft/">https://www.c4isrnet.com/miltech/2022/06/06/us-army-closes-in-on-faster-jet-to-replace-guardrail-aircraft/</a>)</i></p>
<p>thedrive.com  06.06.2022  06 :21 PM</p>	<p>USAF/CHN :  U.S. RC-135U Spy Plane  Just Surveilled China's  Strategic Southern  Coast</p>	<p>AU.S. Air Force RC-135U Combat Sent electronic intelligence aircraft conducted a flight in the past 24 hours along much of China's southern coastline that meets the northern end of the South China Sea., which you can read more about here.</p> <p>The RC-135U in question, which has the serial number 64-14849, flew its mission near areas of China's southern coast, including around Hainan Island and into the Gulf of Tonkin, on June 6, according to online flight tracking data. It is now June 7 in that part of the world. Hainan is home to the highly strategic Yulin Naval Base, the People's Liberation Army Navy's (PLAN) primary hub in the region and its main nuclear submarine base, where all of its ballistic missile submarines are homeported, among other things. This sortie follows reports indicating a recent uptick in Chinese fighters harassing foreign surveillance and reconnaissance aircraft flying over international waters in the South Chinese Sea region and elsewhere in the Pacific recently. This includes an incident disclosed just this weekend involving a particularly dangerous intercept of a Royal Australian Air Force P-8A Poseidon maritime patrol plane by a Chinese J-16 fighter jet.</p> <p>This same aircraft, one of just two RC-135Us in service, flew another sortie that took it similarly close to areas along much of China's central and northern coastlines on June 3. Both of these sorties were conducted from Kadena Air Base on the Japanese island of Okinawa.</p> <p><i>(Vollständiger Report einschliesslich Crew Composition RC-135U Combat Sent abrufbar unter :  <a href="https://www.thedrive.com/the-war-zone/air-force-rc-135u-electronic-intelligence-jet-surveils-chinas-strategic-southern-coast">https://www.thedrive.com/the-war-zone/air-force-rc-135u-electronic-intelligence-jet-surveils-chinas-strategic-southern-coast</a>)</i></p> <p><i>(Kurzbeschreibung RC-135U COMBAT SENT:  The RC-135U COMBAT SENT provides strategic electronic reconnaissance information to national leaders and theater commanders. The COMBAT SENT locates, identifies, collects, and examines foreign military land, naval, and airborne radar signals, providing strategic analysis. Collected data is stored for further analysis by electronic systems theorists and the intelligence community. Information garnered from the data helps determine detailed operating characteristics and capabilities of foreign systems. Evasion techniques and equipment are then developed from this knowledge to detect, warn of, or defeat these electronic systems. The RC-135U COMBAT SENT is composed of a wide variety of commercial-off-the-shelf and proprietary hardware and software. The current configuration allows for both manual and automatic analysis of electronic signals. Communication equipment includes high frequency, very high frequency, and ultra-high frequency radios. The navigation equipment incorporates ground navigation radar, a solid state Doppler system, and an inertial navigation system that merges celestial observations and Global Positioning System data. Although the flight</i></p>

		<i>crew stations are similarly configured, the reconnaissance equipment is slightly unique within each airframe. The aircraft are identified by their distinctive antennae arrays on the “chin” and wing tips, large cheek fairings, and extended tail. All RC-135U COMBAT SENT aircraft are equipped with an aerial refueling system, theoretically yielding unlimited flying range. COMBAT SENT crews include two pilots, one navigator, two airborne systems engineers, at least ten electronic warfare officers, and at least six electronic, technical, and area specialists. Initial operating capability was in April 1964.</i>
defensie.nl 03.06.2022 13 :48	NLD : The Ministry of Defence definitively opts for radar in Herwijnen	The cabinet will continue with the so-called RCR procedure (National Coordination Regulation) in order to be able to build a new radar station in Herwijnen. The location in Herwijnen offers good radar coverage and has no additional displacement effects on the assignments regarding onshore wind energy and high housing construction. The radar in Herwijnen can also be easily integrated into the local environment. In addition, the location in Herwijnen prevents an additional delay of at least 3 years for the realization of sufficient radar coverage. Due to the current threat picture and the poor condition of the current radar in Nieuw Milligen, such a delay is unacceptable. At the moment, the Ministry of Defence has a strongly outdated MPR radar in Nieuw Milligen and a SMART-L radar in Wier. These do not sufficiently cover the southern part of the Netherlands and the Randstad. This makes a 2nd SMART-L radar in the middle of the Netherlands necessary. With the SMART-L radars, enemy aircraft, missiles, drones and hijacked aircraft can already be detected at a greater distance. The location of the radar is decisive for the coverage at low altitude in particular. This enables the Ministry of Defence to respond to threats in a timely manner. The State Secretary therefore announces that he will therefore immediately continue the procedure for a new radar. It is expected that the radar station in Herwijnen can be realized within 4 years.
		<b>Cyber- und Electromagnetic Warfare</b>
taskandpurpose.com 07.06.2022 03 :25 PM	‘Assume you can be jammed’ — What US troops are learning about electronic warfare in Ukraine -	Russia’s use of electronic warfare in eastern Ukraine provides a preview to U.S. troops about what it will be like to fight an adversary that can intercept and jam their communications, sever all links to their drones flying overhead, and blind their radars and other sensors. “Electronic warfare is almost by definition one of the hardest things to discern on the battlefield,” Russian military analyst Michael Kofman told Task & Purpose. “It seems early on Russia was not well prepared to employ these capabilities, but now there are numerous stories of localized jamming and disabling of drones.”

	"We are really not prepared for that level of electronic warfare."	<p>Open source analysts such as Oryx Blog suggest the Ukrainians have destroyed several Russian jammers and deception systems, including the Krasukha mobile electronic warfare system, which is meant to jam drones and other weapons systems guided by radar, said Kofman, director of the Russia Studies Program at CNA, a federally funded research and development center. However, the Russians have still been able to jam Ukraine's military communications as well as the Global Positioning Receivers on the drones that the Ukrainians use as artillery spotters, the Associated Press recently reported.</p> <p><i>(Vollständiger Bericht abrufbar unter:</i>  <a href="https://taskandpurpose.com/analysis/russia-ukraine-electronic-warfare-us-troops/?utm_source=Task+%26+Purpose+Today&amp;utm_campaign=56d32362a1-EMAIL_CAMPAIGN_2022_06_08&amp;utm_medium=email&amp;utm_term=0_67edd998fe-56d32362a1-76870007">https://taskandpurpose.com/analysis/russia-ukraine-electronic-warfare-us-troops/?utm_source=Task+%26+Purpose+Today&amp;utm_campaign=56d32362a1-EMAIL_CAMPAIGN_2022_06_08&amp;utm_medium=email&amp;utm_term=0_67edd998fe-56d32362a1-76870007</a><i>)</i></p>
thedrive.com 04.06.2022 06 :23 PM	UKR/RUS : Ukraine Situation Report	There's also the increasing problem of Russian electronic warfare (EW) at the frontline. A report from the Associated Press cited a Ukrainian intelligence official that Russian jamming is degrading both GPS receivers and lines of communication. The report specifically noted impacts on Ukrainian drones used to locate Russian forces and direct (as well as correct) artillery fire.
flightglobal.com 03.06.2022	AUS: RAAF to receive first MC-55A at end of 2023; IOC in 2024	<p>Canberra aims to complete flight testing of its Gulfstream/L3Harris MC-55A Peregrine electronic warfare aircraft in mid-2023. "At this stage of the project, all four aircraft are in varying stages of the modification cycle. Initial flight test activities have commenced with a comprehensive flight test program scheduled to be completed in mid-2023," says DoD. "This will ensure the modified G550 aircraft meets the airworthiness requirements for the MC-55A Peregrine capability." The Royal Australian Air Force (RAAF) expects to take delivery of the first example during the last quarter of 2023, with initial operational capability (IOC) to follow in 2024. IOC is contingent on the aircraft successfully completing ground tests, flight tests, and training activities.</p> <p>In a 2017 interview, former RAAF chief Air Marshal Leo Davies told FlightGlobal that the MC-55A will play a key supporting role for aircraft such as the Lockheed Martin F-35A, Boeing EA-18G Growler, and E-7 Wedgetail airborne early warning &amp; control aircraft. "A key enabler for the fifth-generation force, the MC-55A will be a highly capable, full spectrum Intelligence, Surveillance, Reconnaissance and Electronic Warfare (ISREW) aircraft and will support a range of flexible mission roles for Defence. The capability will substantially enhance electronic warfare support to naval, air and land forces for operations in electromagnetic environments. This includes, but is not limited to, enhancing F-35, Growler and E-7 capabilities."</p>

		<b>Boden- und seegestützte Luftverteidigungssysteme</b>
defense.gov 14.06.2022	MDA/JPN: Standard Missile-3 Block IIA	Raytheon Missile Systems is being awarded a sole-source, hybrid (cost-plus-incentive-fee and cost-plus-fixed-fee) contract for \$866,628,225 to perform the manufacture and assembly of Standard Missile-3 Block IIA All-Up Rounds for the U.S. government and Japan Ministry of Defense (JMOD) Foreign Military Sales (FMS) case requirements. The work has an expected completion date of Dec. 31, 2026.
economictimes. indiatimes.com 12.06.2022 09:09 PM IST	IND/RUS: Delivery of S-400 missile systems to India proceeding well: Russian ambassador	Russia's delivery of S-400 Triumph air defence missile systems to India is "proceeding well" in accordance with the schedule, Russian ambassador Denis Alipov has said. The comments of the envoy came amid concerns in New Delhi over possible delays in the supply of major military hardware to India by Russia in view of its military invasion of Ukraine. Russia started the delivery of the first regiment of the S-400 missile systems in December last year while it began supplying the second one in April. The missile system has already been deployed in such a way that it can cover parts of the border with China in the northern sector as well as the frontier with Pakistan.
		<b>Boden- und seegestützte Einsatzkräfte, Strategische Kampfmittel und Space Forces</b>
csis.org 15.06.2022	CHN: China Readies to Launch Its Newest, Most Advanced Aircraft Carrier	Satellite imagery from June 14 reveals that the launch of China's third aircraft carrier, the Type 003, is imminent. The dry dock where the carrier is positioned is now flooded and the vessel's flight deck has been cleared—two telltale signs that CSIS previously flagged as part of the pre-launch checklist. Additionally, the blast deflectors for the catapults are raised and the elevators are in the up position. Once launched, work will begin on fitting out China's newest warship. Space has been cleared at a nearby pier just to the southeast of the drydock, a possible sign of where the Type 003 may be moored once it is launched.  <i>(Satellitenaufnahmen abrufbar unter: <a href="https://www.csis.org/analysis/china-readies-launch-its-newest-most-advanced-aircraft-carrier">https://www.csis.org/analysis/china-readies-launch-its-newest-most-advanced-aircraft-carrier</a>)</i>

<p>pib.gov.in 15.06.2022 08:41 PM</p>	<p>IND: Short-Range Ballistic Missile, Prithvi-II, successfully tested</p>	<p>A successful training launch of a Short-Range Ballistic Missile, Prithvi-II was carried out on June 15, 2022 at approximately 1930 hrs from the Integrated Test Range, Chandipur, Odisha. The missile is a proven system and is capable of striking targets with a very high degree of precision. The user training launch successfully validated all operational and technical parameters of the missile.</p>
<p>timesofisrael.com 09.06.2022 10:02 PM</p>	<p>ISR: Rafael revamps anti-tank missile for longer range, more firepower</p>	<p>Israel's Rafael defense contractor on Thursday unveiled a new version of its anti-tank missile, the Spike NLOS. The sixth-generation missile was touted by the Israeli arms manufacturer as now having the capability to be launched in a salvo of up to four missiles, and an extended range of 50 kilometers (31 miles) when launched by helicopter. The missile has a 32-kilometer (20-mile) range when launched from a ground-based system. A single operator will now be able to launch up to four missiles at once, which "significantly increases the gamut of long-range targets that can be hit, and thereby strengthens the element of surprise," the company said. Additional features in the latest generation of the Spike NLOS included what the company called a "hand over" mode, where the missile can be launched by one system and then controlled by another, seamlessly. In a simulated demonstration, the company showed a scenario in which a missile is launched by a helicopter that then flies away to avoid an enemy air defense battery; a ground-based system swiftly takes over control of the missile to direct it toward the target.</p> <p><i>(Video abrufbar unter: <a href="https://www.youtube.com/watch?v=QdITbGnypd4">https://www.youtube.com/watch?v=QdITbGnypd4</a>)</i></p>
<p>pib.gov.in 06.06.2022 08:25 PM</p>	<p>IND: Intermediate Range Ballistic Missile, Agni-4, successfully tested</p>	<p>A successful training launch of an Intermediate Range Ballistic Missile, Agni-4, was carried out at approximately 1930 hours on June 06, 2022 from APJ Abdul Kalam Island, Odisha. The successful test was part of routine user training launches carried out under the aegis of the Strategic Forces Command. The launch validated all operational parameters as also the reliability of the system. The successful test reaffirms India's policy of having a 'Credible Minimum Deterrence' Capability.</p>
<p>tass.com 05.06.2022 15:15</p>	<p>RUS: Second regiment of Avangard hypersonic missiles to assume combat duty in Russia</p>	<p>The second regiment of intercontinental ballistic missiles (ICBMs) outfitted with Avangard hypersonic boost glide vehicles is set to assume combat posture in Russia, Strategic Missile Force Commander Colonel-General Sergey Karakayev said in a live broadcast of the Military Output Acceptance program on the Zvezda TV Channel on Sunday. "Today one full-complement regiment is on duty and the second regiment is preparing to go on combat alert," the commander said.</p> <p>The Russian Strategic Missile Force commander said in late December last year that four missile regiments were set to assume combat posture in 2022, including the missile regiment in the Uzhur missile formation</p>

		<p>armed with Sarmat intercontinental ballistic missiles, a new regiment in the Yasny missile unit with Avangard hypersonic missiles and also missile regiments in the Tver and Kirov Regions with Yars road-mobile ICBMs.</p> <p>Russian Defense Minister Sergey Shoigu said on the single military output acceptance day in January this year that the first regiment had been fully rearmed with Avangard intercontinental ballistic missiles with boost glide vehicles. The Avangard boost-glide vehicle is capable of flying at a hypersonic speed of up to Mach 27 (about 32,000 km/h) in the dense layers of the atmosphere, maneuvering by its flight path and its altitude and breaching any anti-missile defense. The Avangard hypersonic weapon was first mentioned by Russian President Vladimir Putin in March 2018.</p>
<p>bundeswehr.de 03.06.2022</p>	<p>DEU: Flugkörperschießen: Erster RBS15-Einsatz gegen Landziel</p>	<p>Die Marine hat am 18. Mai in Norwegen erstmals Anti-Schiff-Raketen vom Typ RBS15 Mk3 auf ein Ziel an Land abgefeuert. Der schwere Lenkflugkörper ist zusammen mit seiner Waffenplattform, den Korvetten der Klasse 130, seit 2008 bei den deutschen Seestreitkräften in Dienst. Bei vorigen Flugkörperschießen hatten die Schiffe den RBS15 bislang nur auf Ziele in See verschossen. Die Korvette „Oldenburg“ erbrachte nun den Nachweis, dass „die Marine nun in der Lage ist, mittels einer Präzisionsabstandswaffe gegen Ziele relativ weit hinter der Küste zu wirken“, wie der Test Director der Missile Firing Exercise 2022, Fregattenkapitän Nikolaus Hey, erklärt. „Dieser Schritt befähigt die Korvetten nun offiziell dazu, von See aus in einem breiten Landstreifen Ziele zu bekämpfen.“</p> <p>Der RBS15 Mk3 gehört zur Klasse der schweren Seezielflugkörper, definiert durch das vergleichsweise große Gewicht seines Gefechtskopfs. Er kann damit an Land Ziele wie ortsfeste militärische Infrastruktur zerstören, lässt sich aber auch zum Beispiel gegen mobile Raketenabschussfahrzeuge einsetzen – wenn deren genaue Position bekannt ist. Die Zieldaten liefern in der Regel nicht die eigenen Sensoren der Korvetten, sondern sie stammen aus unterschiedlichen dritten Quellen. „Die Gesamtflugstrecke forderte den Lenkflugkörpern verschiedene, ausgesprochen anspruchsvolle Routen sowohl über See als auch über Land ab“, erläutert Hey. Die Strecke nutzte die Reichweite des RBS15 von mehr als 200 Kilometern gut aus, die Raketen schlugen auf ihrer Route mehrere Haken und veränderten immer wieder einmal ihre Flughöhe. Das dient grundsätzlich dazu, die genaue Abschussstelle, und damit die Position der Korvette, vor einem möglichen Gegner zu verstecken.</p>

		<b>Air Power</b>
taiwannews.com.tw 17.06.2022 09:57	TWN/CHN: 2 Chinese fighter jets enter Taiwan's ADIZ	<p>Two Chinese fighter planes flew into Taiwan's air defense identification zone (ADIZ) on Thursday (June 16), marking the sixth day of intrusions this month. Two People's Liberation Army Air Force (PLAAF) Shenyang J-16 fighter jets were tracked in the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND).</p> <p>So far this month, China has sent eight aircraft into Taiwan's identification zone, including five fighter jets and three spotter planes. In 2021, Chinese military planes entered Taiwan's ADIZ on 961 instances over 239 days, according to the MND.</p>
reuters.com 16.06.2022 03:31 AM GMT+2	USA/SYR: U.S.-led coalition says it detained senior ISIS leader in Syria	<p>The U.S.-led coalition forces detained on Thursday a senior Islamic State leader during an operation in Syria on June 16, a statement by the coalition said. The U.S.-led coalition earlier carried out an early-morning helicopter landing operation in a part of northern Syria held by Turkish-backed rebels, a spokesperson for the rebel group told Reuters, in what he said was the first raid of its kind in the area.</p> <p><i>(Ergänzende Information jpost.com vom 16.06.2022 04:19: "Till now the circumstances are unclear," a spokesman for the Turkey-backed Syrian National Army (SNA) Major Youssef Hamoud told Reuters. He said the operation, which has since ended, took place near the village of Al-Humaira, just a few kilometers from the Turkish border, and that US-made Chinook and Black Hawk helicopters were involved.)</i></p> <p><i>(Ergänzende Information syriahr.com vom 16.06.2022: US coalition forces said they captured a senior Islamic State group bombmaker in a predawn raid Thursday that, witnesses said, saw troops in helicopters swoop down on an isolated house in rebel-held northwestern Syria. A war monitor and AFP correspondents said two military helicopters touched down for only a few minutes, and several shots were fired, in a village in an area controlled by Turkish-backed rebel groups.)</i></p>
ekathimerini.com 15.06.2022 11:53	GRC/TUR: Turkish UAV flies over Kandelioussa islet	A Turkish Unmanned Aerial Vehicle (UAV) flew over the uninhabited islet of Kandelioussa, west of the Dodecanese island of Nisyros, on Wednesday. The overflight took place at 10.37 a.m. at an altitude of 19,000 feet.
taiwannews.com.tw 15.06.2022 08:59	TWN/CHN:	A Chinese military plane flew into Taiwan's air defense identification zone (ADIZ) on Tuesday (June 14), marking the fifth day of intrusions this month. One People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 anti-

	Chinese military spotter plane enters Taiwan's ADIZ	submarine warfare plane entered the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND).
taiwannews.com.tw 14.06.2022 09:15	TWN/CHN: Chinese military plane enters Taiwan's ADIZ	A Chinese military plane flew into Taiwan's air defense identification zone (ADIZ) on Monday (June 13), marking the fourth day of intrusions this month. A single People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 anti-submarine warfare plane entered the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND).
bbc.com 12.06.2022 23:45	RUS: Ukraine war: Evidence shows widespread use of cluster munitions in Kharkiv	Russia has killed hundreds of civilians in the north-eastern Ukrainian city of Kharkiv using indiscriminate shelling and widely-banned cluster munitions, according to new research by Amnesty International. Amnesty said it had found evidence of Russian forces repeatedly using 9N210/9N235 cluster bombs, as well as "scatterable" munitions - rockets that eject smaller mines that explode later at timed intervals. The BBC visited five separate impact sites in residential neighbourhoods in Kharkiv and saw evidence of a distinctive, symmetrical spalling effect associated with cluster munitions. We showed images from the sites to three weapons experts, who all said the impacts were consistent with the controversial weapons.  <i>(Vollständiger illustrierter Bericht abrufbar unter: <a href="https://www.bbc.com/news/world-europe-61778433">https://www.bbc.com/news/world-europe-61778433</a>)</i>
timesofisrael.com 10.06.2022 08:01	SYR/RUS/ISR: Russia lashes Israel as satellite images show 'disabled' Damascus airport after raid	Syria's state media reported that Israeli jets struck targets south of Damascus at around 4:20 a.m on Friday, wounding one person and causing material damage. Hours later, the country's Transport Ministry announced that it would suspend incoming and outgoing flights at the airport, citing technical disruptions. Israel has repeatedly charged Iran with smuggling weapons and missile-improving systems from Tehran to its Lebanese terror proxy Hezbollah using civilian flights via Syria.  In an unusually bitter condemnation, Russia lashed out at Israel Friday following a pre-dawn strike blamed on Israel at Damascus Airport. Israel frequently targets Iran-tied facilities and convoys in Syria, and relies on a "deconfliction mechanism" agreed with Moscow to avoid direct confrontation with Russian forces there. Israel's ties with Russia are being strained by the Ukraine conflict, however, and Friday's bitter comments from Russia about the Syrian strike underlined the rising friction.  An Israeli satellite intelligence firm published images showing significant damage to the runways, which it said disabled the entire airport. ImageSat International (ISI) said the strikes "completely disabled" operations at

		<p>both the airport's runways. Each runway appeared to have been struck three times. In separate missile strikes in April and May, other sections of one of the runways were damaged in attacks attributed to Israel. According to ISI, those strikes shortened the length of the runway significantly and prevented large planes from landing. Friday's strike "disabled the entire airport until repair," ISI said.</p> <p><i>(Satellitenaufnahmen Flugplatz Damaskus nach Israels Luftangriff abrufbar unter: <a href="https://www.timesofisrael.com/satellite-images-show-disabled-damascus-airport-after-raid-attributed-to-israel/">https://www.timesofisrael.com/satellite-images-show-disabled-damascus-airport-after-raid-attributed-to-israel/</a>)</i></p>
<p>jpost.com 10.06.2022 05:36</p>	<p>SYR/ISR: Israel strikes targets south of Damascus, says Syrian military official</p>	<p>A Syrian military official said that Israel attacked targets south of Damascus early Friday morning, SANA reports. A military official added that the attack took place at 04:00 am the Syrian air defenses downed most of Israel's missiles, one civilian was injured and there were several material losses.</p> <p><i>(Ergänzende Information timesofisrael.com vom 10.09.2022 06:10: The "Israeli aggression" began at around 4 a.m. with several projectiles being fired from the Golan Heights toward southern Damascus, Syrian state media reported. A Twitter account tracking Israeli military activity in Syria claimed the strikes targeted sites in the suburb of al-Kiswah, south of Damascus, and near the Damascus International Airport, southeast of the city. The London-based Syrian Observatory for Human Rights also said the strikes targeted al-Kiswah. The claims could not immediately be independently verified. It was the second air raid attributed to Israel this week. Late Monday night, Syrian state media reported that Israeli missiles targeted Syrian army positions also south of Damascus, causing material damage but no casualties.)</i></p> <p><i>(Ergänzende Information jpost.com vom 10.06.2022 12:48: Syria halted flights to and from Damascus International Airport on Friday, the transport ministry said, a few hours after Israeli air strikes hit south of the capital. Cham Wings Airline, a private Syrian carrier, said it was rerouting all its flights to Aleppo International Airport. The transport ministry's statement did not refer to the Israeli attack but cited technical reasons for the airport's shutdown. The Syrian Observatory for Human Rights said on Friday the Israeli bombing had damaged the runway after targeting "warehouses of Iranian militias" near the airport.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 10.06.2022 01.28 PM: The ministry said the "suspension of incoming and outgoing flights through Damascus International Airport" was due to technical disruptions, but an airport employee told AFP that the Israeli strikes at dawn had "affected" the facility. "We had to postpone all flights for at least 48 hours and some flights have been rerouted through Aleppo airport," the airport employee said on condition of anonymity because he is not authorized to speak on the issue. An official at an Arab airline who also spoke on the condition of anonymity said separately that an airport landing strip had been hit during the Israeli assault — a development the pro-government newspaper Al-Watan also reported.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 10.06.2022 07:14 PM: A new website compiling data on Israeli aerial incursions over Lebanon claims the Israeli Air Force penetrated its neighbor's airspace at least 22,000 times in the past 15</i></p>

		<p><i>years, for a total overflight time of 8.5 years. The site, by a Lebanese artist, characterizes the ubiquity of Israeli warplanes, drones and spy planes over his country's skies as "one extended crime" and asserts it has had a deep psychological effect on Lebanon's residents. Israel carries out regular sorties over Lebanon it says are necessary to counter Iran and Hezbollah's extensive efforts to establish a major threat to the Jewish state on its northern border, and often targets weapons caches and convoys tied to the Lebanese terror organization. Website creator Lawrence Abu Hamdan writes: "The disturbing roar of fighter jets tearing up the coastline and the persistent buzz of Unmanned Aerial Vehicles circling the southern regions have become a familiar part of the Lebanese soundscape.")</i></p> <p><i>(Ergänzende Information jpost.com vom 10.06.2022 20:35: Russia condemned the Israeli airstrikes on Damascus International Airport on Friday, official representative of the Russian Foreign Ministry, Maria Zakharova, said in a statement. "We are compelled to reiterate that the ongoing Israeli shelling of the territory of the Syrian Arab Republic, in violation of the basic norms of international law, is absolutely unacceptable. We strongly condemn Israel's provocative attack on the most important object of the Syrian civilian infrastructure," Zakharova said. According to Zakharova, such "irresponsible actions create serious risks for international air traffic and put the lives of innocent people in real danger." "We demand from the Israeli side to stop this vicious practice," the diplomat concluded.)</i></p> <p><i>Ergänzende Information ynetnews.com vom 11.06.2022 13:30: Syrian Transportation Ministry says Friday's raid, allegedly conducted by IDF, damaged the runway 'in several locations,' and also hit the airport's second terminal building. The statement by the Transportation Ministry was the first detailing the extent of damage from Friday's airstrike. Syrian media reported earlier that Syria suspended all flights to and from the airport and the ministry confirmed all flights were suspended because "some technical equipment stopped functioning at the airport."</i></p> <p><i>Ergänzende Information timesofisrael.com vom 11.06.2022 03:19 PM: A Britain-based watchdog said an alleged Israeli strike on Damascus airport Friday hit three arms depots connected to Iran-backed militia. The Syrian Observatory for Human Rights, an opposition war monitor of unclear funding, also said Saturday that the northern runway at the airport was damaged, as was the observation tower and lighting systems used for planes to navigate. The group said that disused passenger halls at the airport were hit in the strike. It claimed that the arrival halls had been repurposed as areas for the unobserved arrival of senior figures from the Iranian military and Lebanon's Hezbollah terror group. The watchdog posted photos online on Saturday which it said showed some of the damage at the airport. The pictures could not be immediately independently verified.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 12.06.2022 11:54 PM: Analyse «Shattering Damascus airport, Israel ramps up its efforts to foil Iran arms transfers» abrufbar unter: <a href="https://www.timesofisrael.com/shattering-damascus-airport-israel-ramps-up-its-efforts-to-foil-iran-arms-transfers/">https://www.timesofisrael.com/shattering-damascus-airport-israel-ramps-up-its-efforts-to-foil-iran-arms-transfers/</a>)</i></p> <p><i>(Ergänzende Information syriahr.com vom 13.06.2022: The international airport of the Syrian capital will remain closed until at least June 20 after being hit on June 9 by one of the most violent Israeli attacks on Iran-linked militias deployed to</i></p>
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<p>news.usni.org 10.06.2022 11:21 AM</p>	<p>UKR/RUS: Ukraine Deploys Anti-Ship Harpoon Missiles to the Edge of Black Sea, MoD Says</p>	<p>Ukrainian forces have deployed Harpoon anti-ship missiles to the Black Sea as a counter to Russian surface ships in the region, Minister of Defense Oleksii Reznikov said. Denmark provided the U.S.-built anti-ship missiles to Kyiv, the Pentagon announced last month. The new Harpoon coastal defense battery joined the Ukrainian Navy’s domestically-produced Neptune anti-ship missiles. The Danish military has used land-based RGM-84L-4 Harpoon Block IIs that are capable of not only hitting ships at sea, but also targets in port and on land with an upgrade from the Boeing Advanced Harpoon Weapon Control System, reported USNI News last month. “This expands Harpoon’s capability to attack coastal, in harbor and land targets such as shore defense sites, [surface-to-air missile] sites, exposed aircraft, port/industrial facilities and ships in port,” reads a 1999 press release from Boeing on the sale of the system to the Danish Naval Material Command.</p>
<p>usafe.af.mil 10.06.2022</p>	<p>NATO/USAF: USAFE integrates with Arctic fighters during</p>	<p>U.S. Air Force KC-135 Stratotanker aircraft integrated with Swedish, Finnish, German, and U.S. Navy fighters, June 9, during U.S. Naval Forces Europe’s exercise Baltic Operations 2022 over the Baltic Sea region. U.S. Air Forces in Europe – Air Forces Africa provides aerial support in various capacities throughout the exercise, which included aerial refueling capabilities during Thursday’s mission. U.S. Air Force KC-135 aerial refueling platforms</p>

	exercise Baltic Operations	<p>from Royal Air Force Mildenhall's 100th Air Refueling Wing provided tanker support to Finnish F-18 Hornets, Swedish JAS-39 Gripen, German Eurofighter Typhoons, and U.S. Navy F/A-18 Hornets. The KC-135's unique capability to refuel both probe and drogue aircraft allows the U.S. to integrate with a variety of coalition partners. The aerial refueling function extends the range and reach of aircraft, giving them the opportunity to fly longer, faster, and further to meet mission and training objectives.</p> <p>Exercise Baltic Operations 2022, referred to as BALTOPS, is U.S. European Command's premier maritime-focused annual exercise in the Baltic Region taking place from June 5-17, 2022. The exercise provides a unique training opportunity to strengthen the combined response capability critical to preserving the freedom of navigation and security in the Baltic Sea. This is the 51st iteration of the exercise series that began in 1972.</p>
reuters.com 09.06.2022 12:07 AM GMT+3	IRQ: Explosive drone detonates in Iraq's northern city of Erbil	A drone exploded in Iraq's northern city of Erbil on Wednesday injuring three people and damaging several cars, according to a statement by Kurdistan's counter-terrorism service. The explosive drone detonated on Pirmam road in Erbil's outskirts at 9:35 p.m. Iraq time, the statement said. Two security sources, speaking on condition of anonymity, said the drone was shot down. There was no immediate claim of responsibility.
jpost.com 08.06.2022 14:48	ISR/IRN: Israel makes dramatic upgrades to military plans to attack Iran	<p>In face of Iran's continued development of a nuclear capability, the Israeli Air Force has developed a new capability to be able to fly its F-35 stealth fighter jets from Israel to the Islamic Republic without requiring mid-air refueling. The development is a boost to IAF capabilities and comes as the Israeli military has upped its preparations for a future strike against Iran's nuclear capabilities.</p> <p>In addition, the IAF recently integrated a new one-ton bomb into the arsenal of weapons used by the F-35s (known in the IAF as the "Adir") that can be carried inside the plane's internal weapons compartment without jeopardizing its stealth radar signature.</p> <p>The IAF has held four large-scale drills simulating attacks against Iran over the last month. The first drill included confronting Iranian radar and detection systems, like those which protect its nuclear installations. The second included simulating long-range combat flights – in this case to destinations in Europe. The other drills included defensive measures against cyber weapons and electronic warfare systems, means that could be used by Iran to undermine an Israeli military operation. During the recent military maneuvers, the IAF also drilled cooperation between fifth-generation fighter jets like the F-35 and fourth-generation jets like Israel's older model F15s and F-16s. The planes practiced sharing intelligence, missions and more.</p>

		<p>“Iran’s surface-to-air missile systems and radars are crowded and they are not the only challenge,” a defense official said. “We need to be able to attack targets that are significant and the attack needs to be able to cause extensive damage. There are multiple targets in Iran at different ranges.”</p> <p><i>(Ergänzende Information theaviationist.com vom 10.06.2022: As part of the new capabilities being fielded for the attack preparations, the Israeli Air Force is claiming it is now able to fly its F-35I Adir 5th gen. fighter jets from Israel to the Iran without requiring air-to-air refueling. The claim is vague and without further details, however, based on reports from last year, it is highly probable the IAF fielded new stealthy external fuel tanks for the F-35 fleet. The new external fuel tanks were said to be meant to not degrade too much the low observability of the F-35 and this was being done mainly through the shape and materials chosen. Something similar is being developed for the F-22 Raptor and, although the two projects are not related, the results could be very similar.)</i></p>
timesofisrael.com 08.06.2022 10:19 AM	ISR/SYR/IRN: Alleged Israeli strike said to prevent Iran from landing weapon systems in Syria	An unusual surface-to-surface missile attack targeting Damascus International Airport that took place two weeks ago and was attributed to Israel was successful in damaging some runways, preventing large cargo planes from landing at the airport. As a result, Iran has been unable to land the Boeing 747 cargo planes it uses to deliver systems equipped with guidance technology for upgrading existing missiles into precision-guided missiles, Channel 12 news reported Tuesday. Citing satellite imagery of the Syrian airport following the alleged attack, the report noted that runways at the site were bombed on both ends, shortening them significantly and preventing large planes from landing. According to the report, the strategic strike achieved its purpose and helped address an issue of great concern for Israel — Iranian weapons and missile-improving systems shipped from Iran to its Lebanese proxy Hezbollah through Syria. The attack that hit the Damascus International Airport on May 20, however, was unusual in that it used surface-to-surface missiles launched from the Golan Heights, the Syrian state-run broadcaster SANA reported.
taiwannews.com.tw 07.06.2022 08:38	TWN/CHN: Chinese fighter jet spotted in Taiwan’s ADIZ	A Chinese military aircraft entered Taiwan’s air defense identification zone (ADIZ) on Monday (June 6), marking the third day of intrusions this month. A single People’s Liberation Army Air Force (PLAAF) Shenyang J-16 fighter jet flew into the southwest corner of Taiwan’s ADIZ, according to the Ministry of National Defense (MND).
ekathimerini.com 06.06.2022 13:46	GRC/TUR: Turkish UAV flies over Greek islet	A Turkish Unmanned Aerial Vehicle (UAV), commonly known as a drone, flew over the islet of Kinaros on Monday morning. According to the Hellenic National Defense General Staff (GEETHA), the incident occurred at 11.25 a.m. with the UAV flying at a height of 19,000 feet. The UAV entered Athens FIR without submitting a flight plan and violated Greek airspace, GEETHA said. The drone was identified and intercepted by Greek fighter planes in accordance with international rules of engagement. Kinaros is part of the Dodecanese in the Eastern Aegean and is located west of Kalymnos and Leros and east of Amorgos.

<p>reuters.com 06.06.2022 10:46 PM GMT+2</p>	<p>SYR/ISR: Syrian defences intercept 'hostile targets' over Damascus</p>	<p>Syrian air defences have intercepted hostile targets over the capital Damascus, state TV reported on Monday. The incident was described as an "Israeli aggression" by the state-owned Syrian News Channel.</p> <p><i>(Ergänzende Information jpost.com vom 07.06.2022 01:25: State media organization SANA reported that "Syrian air defense has intercepted hostile targets over the capital Damascus." The incident was described as "Israeli aggression" by the state-owned Syrian news channel. No injuries were reported in the incident. SANA added that the Syrian air defenses intercepted the missiles and downed most of them and that only material damages were reported. The IDF has yet to issue a statement or response about the alleged incident at this time.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 07.06.2022 12:21 AM: (screen capture: YouTube/SANA) Israeli fighter jets launched a series of airstrikes on an area south of the Syrian capital Damascus on Monday night, causing damage to several sites, Syria's official state media reported. A Twitter account tracking Israeli military activity in Syria claimed the strikes targeted sites in the suburb of al-Kiswah, south of Damascus and near the Damascus International Airport, southeast of the city. The London-based Syrian Observatory for Human Rights also said the strikes targeted al-Kiswah. The claims could not immediately be independently verified. The al-Kiswah area has been bombed by Israel in the past for allegedly containing Iranian military bases.)</i></p> <p><i>(Ergänzende Information @Israel_Alma_org vom 07.06.2022 10:07: In the mountainous area around Al Kiswah, Syrian air defense batteries are stationed to protect Damascus' airspace from any attack &amp; fire against incoming missiles. Last night (June 06) an air strike was carried out in the southern Damascus area &amp; these batteries were fired upon.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 08.06.2022 12:24 AM: The air forces of Russia and Syria conducted a joint drill over the war-torn country Tuesday, the first since Russia's invasion of Ukraine began more than three months ago, Syria's Defense Ministry said. The ministry said two Russian SU-35 fighter jets and six Syrian MiG-23 and MiG-29 aircraft simulated facing "hostile" warplanes and drones. Syrian pilots dealt with them with cover and support from the Russian warplanes, it said. "All illusive targets were monitored and completely destroyed while aerial targets were hit at night for the first time," the Syrian Defense Ministry said in a statement. It also released a video of the warplanes that it said took part in the drill. The announcement came hours after Syrian state television reported that Israeli missiles targeted Syrian army positions south of the capital of Damascus, causing material damage but no casualties.)</i></p>
<p>taiwannews.com.tw 06.06.2022 08:06</p>	<p>TWN/CHN: 2 Chinese fighter jets enter Taiwan's ADIZ</p>	<p>Two Chinese military planes flew into Taiwan's air defense identification zone (ADIZ) on Sunday (June 5), marking the second day of intrusions this month. Two People's Liberation Army Air Force (PLAAF) Shenyang J-16 fighter jets entered the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND).</p>

<p>en.yna.co.kr 06.06.2022 09:39</p>	<p>KOR/USA: Allies fire 8 missiles in show of firepower against N. Korea's latest provocation: JCS</p>	<p>South Korea and the United States fired eight ballistic missiles into the East Sea on Monday in response to North Korea's missile launches the previous day, according to the South's military. The Joint Chiefs of Staff (JCS) said the allies launched the ground-to-ground Army Tactical Missile System (ATACMS) missiles from an eastern coastal region in Gangwon Province starting at 4:45 a.m. for around 10 minutes.</p> <p>On Sunday, the North shot eight short-range ballistic missiles (SRBMs) from four different locations into the East Sea following a South Korea-U.S. naval exercise last week involving an American aircraft carrier. The North's weekend salvo is presumed to have involved a variety of SRBMs, including the KN-23 missile modeled after Russia's Iskander ballistic missile. The KN-23 is known for its "pull-up maneuver," designed to avoid interception.</p>
<p>reuters.com 05.06.2022 04:22 AM GMT+2</p>	<p>AUS/CHN: Australia says Chinese fighter jet intercepted surveillance craft in May</p>	<p>A Chinese fighter aircraft dangerously intercepted an Australian military surveillance plane in the South China Sea region in May, Australia's defence department said on Sunday. The Royal Australian Air Force P-8 maritime surveillance aircraft was intercepted by a Chinese J-16 fighter during "routine maritime surveillance activity" in international airspace in the region on May 26, defence said in a statement. "The intercept resulted in a dangerous manoeuvre which posed a safety threat to the P-8 aircraft and its crew," it said. Defence Minister Richard Marles said the Chinese jet flew very close in front of the RAAF aircraft and released a "bundle of chaff" containing small pieces of aluminium that were ingested into the Australian aircraft's engine.</p> <p>Relations between Australia and China, major trading partners, have been strained recently over growing Chinese influence in the Pacific after China sought a regional security deal with Pacific Island nations. read more Also in May, a Chinese intelligence ship was tracked off Australia's west coast within 50 nautical miles of a sensitive defence facility, which is used by Australian, U.S. and allied submarines. In February, China and Australia traded barbs over an incident in which Australia said one of its maritime patrol aircraft detected a laser directed at it from a People's Liberation Army Navy vessel.</p> <p><i>(Ergänzende Information globaltimes.cn vom 05.06.2022 07:55 PM: If the Chinese aircraft did use flares and chaff, it is possible that the Australian P-8 used its jamming pod to lase the Chinese aircraft, triggering the latter's self-defense system which is programmed to automatically release the flares and chaff, Zhang Xuefeng, a Chinese military expert, told the Global Times on Sunday. Some Western militaries often complain first while being the ones who are guilty in the first place, Zhang said.)</i></p> <p><i>(Ergänzende Information globaltimes.cn vom 05.06.2022 07:55 PM: PLA aircraft deal with Canadian, Australian provocative close-in recon in East and South China Seas abrufbar unter: <a href="https://www.globaltimes.cn/page/202206/1267316.shtml">https://www.globaltimes.cn/page/202206/1267316.shtml</a>)</i></p>

		<i>(Ergänzende Information globaltimes.cn vom 07.06.2022 02:41 PM: The PLA Southern Theater Command organized maritime and aerial forces to identify and warn away an Australian P-8A ASW aircraft, when it repeatedly approached the Chinese airspace of the Xisha Islands for a close-in reconnaissance on May 26 despite repeated warning from the Chinese forces, Senior Colonel Tan Kefei, a spokesperson at China's Ministry of National Defense, said in a statement on Tuesday. The Australian warplane severely threatened China's sovereign security, and the Chinese military's countermeasures were professional, safe, reasonable and legitimate, Tan said. Australia is calling white black, keeping on spreading false information and hyping confrontation, Tan said. "China strongly opposes this.")</i>
en.yna.co.kr 05.06.2022 10:46	PRK: N. Korea fires 8 short-range ballistic missiles toward East Sea: S. Korean military	North Korea fired eight short-range ballistic missiles (SRBMs) toward the East Sea on Sunday, a day after Seoul and Washington wrapped up their joint drills near the peninsula involving a U.S. aircraft carrier, according to the South's military. The Joint Chiefs of Staff (JCS) said the launches were detected from 9:08 a.m. to 9:43 a.m. from areas around Sunan in Pyongyang. Further details were not immediately available. An informed source earlier said missiles were launched from at least two locations.
Ministry of Defence @DefenceHQ 04.06.2022	UKR/RUS: Intelligence Update	Russian air activity remains high over contested ground in the Donbas with Russian aircraft conducting strikes using both guided and unguided munitions. Russia's inability to suppress or destroy Ukrainian strategic air defence systems in the opening days of the conflict limited its ability to provide tactical air support to ground manoeuvre elements, contributing to the failure to advance on Kyiv. Consequently, Russian air activity has been largely restricted to deep strikes using air and surface launched cruise missiles to disrupt the movement of Ukrainian reinforcements and supplies. These strikes alone however have failed to have a meaningful impact on the conflict and Russian stocks of precision guided missiles are likely to have been significantly depleted as a result. With its operational focus switching to the Donbas, Russia has been able to increase its employment of tactical air to support its creeping advance, combining airstrikes and massed artillery fires to bring its overwhelming firepower to bear. The combined use of air and artillery strikes has been a key factor in Russia's recent tactical successes in the region. The increased use of unguided munitions has led to the widespread destruction of built-up areas in the Donbas and has almost certainly caused substantial collateral damage and civilian casualties.
aeronautica.difesa.it 02.06.2022	ITA/ISL: For a month the Italian F-35A have been defending the Icelandic skies with Operation "Northern Lightning III"	Since the start of Operation "Northern Lightning III" at the Keflavik air base, the commitment of the Italian contingent, redeployed to Iceland to preserve the integrity of NATO airspace in peacetime, strengthening the surveillance activity of the skies of Iceland that does not have its own air defense capabilities, has continued seamlessly, conducting, meanwhile, joint training activities with the Icelandic Coast Guard and NATO forces present in the theater of operations.

		These 30 days were characterized by the 100% maintenance efficiency of the F-35A weapon system that guaranteed, despite the peculiarity of the activities related to redeployment outside the national borders, the achievement of 250 flight hours in a single month for the four aircraft used in the Operation. The extraordinary goal was achieved thanks to the professionalism of the technical and logistical staff and the daily commitment of all the men and women of the Air Force redeployed in Iceland.
usafe.af.mil 01.06.2022	USMC/NATO: U.S. Marine Corps' VMGR-252 squadron deployed to Poland in support of USAFE	U.S. Marines and KC-130J Super Hercules from Marine Aerial Refueler Transport Squadron (VMGR) 252, 2nd Marine Aircraft Wing (MAW), deployed to Łask Air Base, Poland, under the command of U.S. Air Forces in Europe and as a key enabler to Marine Fighter Attack Squadron (VMFA) 312.  VMFA-312, also a subordinate unit to 2nd MAW, deployed to Łask Air Base to conduct NATO's enhanced Air Policing (eAP) mission. VMFA-312's F/A-18 Hornets are flying patrols over Polish airspace as part of a joint effort to increase the readiness and responsiveness of NATO. The KC-130J Super Hercules from VMGR-252 increase the distance and endurance of VMFA-312 and Allied air power. The KC-130J provides aerial refueling, allowing the F/A-18s to fly for longer durations without having to land to refuel. The KC-130Js are an organic asset to the Marine Corps and a vital component of VMFA-312's success in NATO eAP. In addition to its aerial-refueling capabilities, the KC-130J provides air assault transport of troops, equipment and supplies.
		<b>Geo- und Sicherheitspolitik, militärische Übungen</b>
thehill.com 16.06.2022 01:50	USA/UKR: Austin warns of 'pivotal moment' in Ukraine war	The Biden administration on Wednesday announced a new \$1 billion security assistance package to Ukraine that will include artillery, coastal defense weapons and ammunition to bolster its military in its nearly four-month war with the Kremlin. At the news conference, Austin said that the package would include guided High Mobility Artillery Rocket System (HMARS) munitions, 18 more howitzers, tactical vehicles and 36,000 rounds of 155 mm ammunition.
stripes.com 14.06.2022	DEU: Büchel Air Base in southwestern Germany	Germany has chosen an installation near the U.S.-operated Spangdahlem Air Base to house the 35 American-made fighter jets it purchased as part of a military overhaul in response to Russia's invasion of Ukraine. The fleet of fifth-generation F-35 stealth jets will be stationed at Büchel Air Base, in the country's Eifel region,

	selected as destination for future F-35 fleet	<p>German broadcaster SWR reported Saturday, citing an unidentified spokesman in the German armed forces' Federal Infrastructure Office.</p> <p>The spokesman said the planes will take up residence at Buechel after runway renovation, which is expected to be completed by 2026. The F-35s will fill the role of the aging Tornado jets in the Role of the "Nukleare Teilhabe". "The task of nuclear sharing will be guaranteed in the future. The goal is to replace the Tornado by 2030," the German Defense Ministry tweeted in March.</p> <p>The choice of Buechel is significant because the base is reportedly the storage site of U.S. nuclear weapons in Germany. Given the F-35's ability to be equipped with such munitions, placing the aircraft at Büchel would be seen as an enhancement of the NATO nuclear deterrent in Germany.</p>
<p>globaltimes.cn 13.06.2022 10:32 PM</p>	<p>CHN: Xi signs outlines that direct China's military operations other than war</p>	<p>Chinese President Xi Jinping, also general secretary of the Communist Party of China Central Committee and chairman of the Central Military Commission, recently signed an order to promulgate a set of trial outlines on military operations other than war, which will take effect on Wednesday. The outlines will standardize, and provide the legal basis for Chinese troops to carry out, missions like disaster relief, humanitarian aid, escort, and peacekeeping, and safeguard China's national sovereignty, security and development interests, experts said.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> <a href="https://www.globaltimes.cn/page/202206/1268037.shtml">https://www.globaltimes.cn/page/202206/1268037.shtml</a><i>)</i></p>
<p>pna.gov.ph 13.06.2022 02:07 PM</p>	<p>PHL: PAF multi-role fighter project OK'd</p>	<p>Philippine Air Force (PAF) chief Lt. Gen. Connor Anthony Canlas Sr. on Monday said the service's multi-role fighter (MRF) project has been approved by President Rodrigo R. Duterte. He said the United States is interested in supplying Lockheed Martin's latest F-16 MRF while Sweden is offering its Saab JAS 39 "Gripen" MRF aircraft. Canlas said the PAF's requirement for its MRF project stipulates that the offered aircraft must be "fourth generation or higher". The project also requires 12 MRFs at least capable of patrolling the country's protected waters and airspace. These proposed MRFs are expected to augment the existing fleet of 12 South Korean-made Mach 1.5 capable FA-50PH jet aircraft acquired from 2015 to 2017 by the PAF as its first supersonic aircraft after the decommissioning of its Northrop F-5 "Tiger" jet fighters in 2005.</p>
<p>eurasianimes.com 13.06.2022</p>	<p>CHN/IND:</p>	<p>According to recent reports, Indian Government sources have revealed that the PLA Air Force has around two dozen frontline combat aircraft stationed at its Hotan air base in the Eastern Ladakh sector, including the J-11 and the J-20 stealth fighters jets. "The Chinese earlier used to maintain detachments of MiG-21 class fighters</p>

	China Deploys J-20 Stealth Fighters Near Indian Border	there, but they have now been replaced with more capable and sophisticated aircraft and in larger numbers,” they said. The J-20 is China’s most advanced fifth-generation stealth fighter jet.
economictimes. indiatimes.com 12.06.2022 11:43 PM IST	IND: IAF actual situation	The Indian Air Force has plans of acquiring 114 Multirole Fighter Aircraft (MRFA) under 'Buy Global and Make in India' scheme under which Indian companies would be allowed to partner with a foreign vendor. The Indian Air Force has to rely heavily on these 114 fighter jets for maintaining its superiority over the neighboring rivals Pakistan and China. The 36 Rafale aircraft procured under emergency orders helped immensely in maintaining an edge over the Chinese during the Ladakh crisis which started in 2020 but the numbers are not enough and more such capability would be required by it. The force has already placed orders for 83 of the LCA Mk 1A aircraft but it still requires a higher number of capable aircraft as a large number of MiG series planes have either been phased out or are on their last legs. The IAF is also looking for a cost-effective solution for its fighter jet requirement as it wants a plane that is low on operational cost and gives more capability to the service, the sources said. The IAF is highly satisfied with the operational availability of the Rafale fighter jets and wants similar capability in its future aircraft.
jpost.com 12.06.2022 11:33	ISR/LBN: Israel flew in Lebanese airspace over 22,000 times in last 15 years	<p>Israeli Air Force aircraft flew in Lebanese airspace at least 22,000 times in the past 15 years, a new Lebanese advocacy website has claimed. The data compiled are from 2007 until December 28, 2021. The website, AirPressure.info, claims that 22,111 Israeli fighter jets, reconnaissance planes, unmanned aerial vehicles and missiles flew in Lebanese skies for a total of eight and a half years with many of the flights lasting an average of four hours and 35 minutes.</p> <p>One flight by a UAV in September 2008 lasted 770 minutes (almost 13 hours). Another in August 2008 lasted 1,135 minutes (almost 19 hrs) and flew over Aitaroun, Zahla, Riyaq, Baalbek, Ras el Matn, Baabda, Beirut, Aley and Naquoura, and another flight lasted 1,125 minutes and flew over the south Lebanon villages of Kfar Kila, Kfar Chouba and Naquoura. “The combined duration of these flights amounts to 3,098 days. That is 8.5 years of jets and drones continually occupying the sky,” the website wrote.</p> <p>Israel regularly carries out flights over Lebanon, claiming they are necessary in order to counter Hezbollah’s ongoing efforts to increase its rocket and missile arsenal as well as its precision missile project that continues with help from Iran. Israel also uses Lebanese airspace to carry out airstrikes against Iran in neighboring Syria where it is attempting to entrench its forces and militias as a forward-operating base against the Jewish state.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i></p>

		<a href="https://www.jpost.com/israel-news/article-709182">https://www.jpost.com/israel-news/article-709182</a> )
af.mil 11.06.2022	USAF: B-1B Lancers deploy to Andersen AFB for Bomber Task Force Mission	Air Force B-1B Lancers landed at Andersen Air Force Base, Guam, June 3, for a Pacific Air Forces Bomber Task Force deployment. The personnel, aircraft and assets arrived from the 28th Bomb Wing, Ellsworth Air Force Base to conduct PACAF training alongside allies, partners and the U.S. Indo-Pacific Command Joint Force. "Long-range bomber operations and the unique Agile Combat Employment/BTF construct greatly strengthen our steadfast relationships with our allies and partner nations in the Pacific," said Maj. Kristof Lieber, the 34th Bomb Squadron assistant director of operations. In line with the National Defense Strategy's objectives of strategic predictability and operational unpredictability, BTF missions demonstrate the ability of U.S. Air Force Global Strike Command to deliver lethal, ready, long-range strike options to Geographic Combatant Commanders anytime, anywhere.
ekathimerini.com 10.06.2022 12:53	TUR/GRC/NATO: Erdogan issues threat of military force	Turkish President Recep Tayyip Erdogan has threatened to use military force against Greece, if it does not change its stance regarding the status of the Greek islands in the eastern Aegean, escalating the rhetoric against Athens even further, on the final day of the Turkish EFES-2022 exercise, attended by 37 countries. In a speech while observing the exercises off the Aegean coastal province of Izmir on Thursday, Erdogan said, "The effort to use islands with a non-military status in various exercises and the effort to instrumentalize NATO and third countries in this illegality has no meaning other than an effort that will end up in disaster." Greece, he added, must "get a grip" and "avoid dreams, acts and statements that will result in regret," and invoked Turkey's independence war in the early 1920s when Turks defeated occupying powers, including Greece.  "Turkey will not renounce its rights in the Aegean and will not back down from using rights that are established by international agreements when it comes to arming islands," he said. Turkey will act, he said, in accordance with "our obligations arising from international treaties" and in line with "responsibilities arising from history and our culture."
af.mil 10.06.2022	USAF: 65th Aggressor Squadron reactivates at Nellis AFB with aggressor force of F-35s	The 65th Aggressor Squadron reactivated June 9 with a directed mission to know, teach and replicate fifth-generation air adversaries at Nellis Air Force Base. "Due to the growing threat posed by PRC [People's Republic of China] fifth and sixth-gen fighter development, we must use a portion of our daily fifth-generation aircraft today at Langley, Elmendorf, Hill, Eielson, and now Nellis, to replicate adversary fifth-generation capabilities," Air Combat Command commander Gen. Mark Kelly said. "Precisely because we have this credible threat, when we do replicate a fifth-gen. adversary, it has to be done professionally. That's the Aggressors."

		<p>“Using the F-35 as an aggressor allows pilots to train against low-observable threats similar to what adversaries are developing,” said Col. Scott Mills, 57th Operations Group commander. For the first time during Red Flag-Nellis 21-3, the 57th Operations Group introduced dedicated F-35 aggressors to expand upon the F-16s aggressors assigned to the 64th AGRS. The F-35s will be employed into large Combat Air Forces exercises, U.S. Air Force Weapons School missions, joint exercises, and operational test and evaluation events that are only conducted at Nellis AFB and the Nevada Test and Training Range.</p>
<p>globaltimes.cn 10.06.2022 07:14 PM</p>	<p>CHN/USA: Chinese defense minister vows to fight ‘Taiwan independence’ in 1st face-to-face meeting with Austin</p>	<p>Chinese and US defense chiefs on Friday held their first face-to-face meeting in Singapore, with Chinese State Councilor and Defense Minister General Wei Fenghe reiterating China's firm position on the Taiwan question, stressing the Chinese military will not hesitate to fight, and will resolutely crush any "Taiwan independence" attempts to firmly safeguard national sovereignty and territorial integrity. They exchanged views on topics including China-US relations, military ties, the Taiwan question, the situation in the South China Sea, and the Ukraine issue, Wu said. It was a frank, positive and constructive strategic communication, Wu said.</p> <p><i>(Ergänzende Information asia.nikkei.com vom 11.06.2022 12:56 JST: U.S. Defense Secretary Lloyd Austin on Saturday warned of "growing coercion" from Beijing on Taiwan, and said that while American policy toward the self-governing island has not changed, the same cannot be said for China. "We've witnessed a steady increase in provocative and destabilizing military activity near Taiwan," Austin said at the Shangri-La Dialogue in Singapore, noting that aircraft from China's People's Liberation Army have been flying near the island in "record numbers" in recent months, "nearly on a daily basis." "Our policy hasn't changed. But unfortunately, that doesn't seem to be true for the PRC," he said, referring to the People's Republic of China. In a wide-ranging speech, Austin said the U.S. will stand by its friends in the region as they "uphold their rights.")</i></p>
<p>aljazeera.com 09.06.2022</p>	<p>IRN/IAEA: Iran removing 27 surveillance cameras at nuclear sites: IAEA</p>	<p>Iran has started to remove 27 surveillance cameras from nuclear sites in the country, according to the the head of the United Nations nuclear watchdog, who warned that the move could be a near-fatal blow to chances of reviving the 2015 Iran nuclear deal. Rafael Grossi, the director general of the International Atomic Energy Agency (IAEA), made the comments at a suddenly called news conference in Vienna on Thursday, standing next to an example of the cameras installed across Iran. Grossi said the move poses a “serious challenge” to its efforts, warning that in three to four weeks, it would be unable to maintain a “continuity of knowledge” about Iran’s programme. “This would be a fatal blow” to negotiations over Iran’s tattered nuclear deal with world powers, Grossi said. “When we lose this, then it’s anybody’s guess,” he added. There was no immediate comment from Iran on Grossi’s remarks.</p>
<p>ynetnews.com 08.06.2022</p>	<p>RUS/SYR:</p>	<p>The air forces of Russia and Syria conducted a joint drill over the war-torn country Tuesday, the first since Russia's invasion of Ukraine began more than three months ago, Syria's Defense Ministry said. The ministry</p>

08:06	Syrian and Russian air forces conduct joint drill over Syria	said two Russian SU-35 fighter jets and six Syrian MiG-23 and MiG-29 aircraft simulated facing "hostile" warplanes and drones. Syrian pilots dealt with them with cover and support from the Russian warplanes, it said. "All illusive targets were monitored and completely destroyed while aerial targets were hit at night for the first time," the Syrian Defense Ministry said in a statement. It also released a video of the warplanes that it said took part in the drill. The announcement came hours after Syrian state television reported that Israeli missiles targeted Syrian army positions south of the capital of Damascus, causing material damage but no casualties.
en.yna.co.kr 07.06.2022 14:53	USA/KOR: Allies stage air power demonstration following N.K. missile launches	South Korea and the United States conducted a combined air power demonstration involving 20 warplanes, including F-35A stealth fighters, over the Yellow Sea on Tuesday, Seoul officials said, in another display of their readiness following North Korea's weekend missile launches. The air maneuvers came just a day after the allies fired eight ground-to-ground ballistic missiles into the East Sea in a tit-for-tat response to the North's launch of eight short-range ballistic missiles Sunday. In the demonstration, the South mobilized 16 combat aircraft, including F-35As, F-15Ks and KF-16s, while the U.S. deployed four F-16 fighters, according to Seoul's Joint Chiefs of Staff (JCS).
ilmavoimat.fi 06.06.2022 08:55	FIN/NATO: Finnish Air Force to participate in Ramstein Alloy 22-2	<p>The Finnish Air Force will take part in the second Ramstein Alloy exercise of 2022 with two F/A-18 Hornet multi-role fighters on 6–9 June 2022. The aim of the Ramstein Alloy exercise series is to enhance the interoperability of NATO member and partner nations' air forces in the Baltic Sea region. The exercise takes place three times a year. The Finnish Air Force participates in the exercise series as a partner nation. The training scenarios include tasks such as the identification, escort, and handover of escort duties of an aircraft suffering from communications loss (COMLOSS). In addition, the Ramstein Alloy exercise series provides an opportunity to fly Dissimilar Air Combat Training (DACT) with different types of fighters.</p> <p>The Finnish F/A-18s will operate out of Rissala Air Base and Turku airport in Finland. The training missions will take place in the international airspace above the Baltic Sea, and in Finnish, Estonian, Latvian and Lithuanian airspace. The Baltic Air Policing detachments will participate in the exercise from Ämari Air Base in Estonia and Šiauliai Air Base in Lithuania.</p> <p><i>(Ergänzende Information ilmavoimat.fi vom 02.06.2022 09:35: The international BALTOPS 22 exercise will take place in the Baltic Sea region on 5–17 June 2022. The Finnish Air Force will participate in the exercise with two F/A-18 Hornet multi-role fighters operating out of Turku airport on 6–10 June 2022. The aim of BALTOPS 22 is to enhance NATO member and partner nations' interoperability in joint air, naval and amphibious operations. For the Finnish Air Force, the national aim is to enhance the joint operating capabilities of the Navy and the Air Force, and to train personnel in participating in multinational air operations.)</i></p>

<p>reuters.com 06.06.2022 01:16 AM GMT+2</p>	<p>GBR/USA/UKR: Britain to send M270 rocket launchers to Ukraine</p>	<p>Britain will supply Ukraine with the M270 Multiple Launch Rocket System (MLRS) that can strike targets up to 80 km (50 miles) away, it said on Monday, in a move that was coordinated with the United States in response to Russia's invasion. Defence Secretary Ben Wallace said Britain's support for Ukraine would change as Russia's tactics evolved, explaining the gift of the M270 multiple-launch systems. "These highly capable multiple-launch rocket systems will enable our Ukrainian friends to better protect themselves against the brutal use of long-range artillery, which (Russian President Vladimir) Putin's forces have used indiscriminately to flatten cities," Wallace said in a statement.</p> <p>U.S. President Joe Biden last week said Washington would supply Ukraine with M142 High Mobility Artillery Rocket Systems, or HIMARS, after he received assurances from Kyiv that it would not be used to hit targets inside Russian territory. Putin said the arms shipments were "nothing new" but warned that there would be a response if the United States supplied longer-range munitions for the HIMARS systems. The U.S. Department of Defense said it was supplying Ukraine four M142 HIMARS systems along with the Guided Multiple Launch Rocket System that it said had a range of over 40 miles (64 km). Britain said Ukrainian troops would be trained on how to use the new launchers in Britain, after it previously announced that it would train Ukrainian personnel to use armoured vehicles.</p> <p><i>(Ergänzende Information gov.uk vom 06.06.2022: The UK will give multiple-launch rocket systems (MLRS) to Ukraine to help the country defend itself against Russian aggression, the Defence Secretary has announced. The cutting edge M270 weapon system, which can strike targets up to 80km away with pinpoint accuracy, will offer a significant boost in capability for the Ukrainian forces. The UK's decision has been co-ordinated closely with the US decision to gift the High Mobility Artillery Rocket System (HIMARS) variant of MLRS. Alongside the weapon system, the UK will also supply M31A1 munitions at scale.)</i></p>
<p>reuters.com 05.06.2022 09:46 AM GMT+2</p>	<p>ESP/UKR: Ukraine to get anti- aircraft missiles and tanks from Spain</p>	<p>Spain is to supply Ukraine with low-level Shorad Aspide anti-aircraft missiles, which the Spanish Army has replaced with a more advanced system, and Leopard battle tanks in a step up of its military support to the country, according to government sources cited by newspaper El Pais on Sunday.</p> <p>Spain will also provide essential training to the Ukrainian military in how to use the tanks. It would take place in Latvia, where the Spanish Army has deployed 500 soldiers within the framework of NATO's Enhanced Advanced Presence operation. A second phase of training could take place in Spain, according to the sources cited by El Pais.</p>

<p>taiwannews.com.tw 05.06.2022 10:35</p>	<p>TWN/CHN: Taiwan warns China will achieve long-range strike capabilities by 2027</p>	<p>China will have long-range air and sea strike capabilities as well as strengthened regional air defense by 2027, which would allow Beijing to attack Taiwan and fend off foreign forces, the Ministry of National Defense (MND) said recently. The MND said that China's aircraft carriers, the Liaoning, Shandong, and the Type 003, will be delivered to the Navy in 2027. Meanwhile, the Type 055 10,000-ton destroyer, the Y-20U refueling tanker, and Chengdu J-20 stealth fighter will be mass-produced, CNA reported. These assets will greatly extend China's combat range, the MND said. It predicted that Beijing would subsequently conduct joint strikes against targets within and beyond the first island chain, implement a blockade against Taiwan, and gain maritime and air superiority in the Taiwan Strait.</p> <p>With regard to countermeasures, the MND said it will establish "joint countermeasures, all-around air defense, and maritime interception." It will also seek out any armaments with mature technology being developed that can be dovetailed into the mass production process, and include them in the "Naval and Air Force Enhancement Program," it said.</p>
<p>bundeswehr.de 03.06.2022</p>	<p>DEU/NATO: Luftwaffe, Heer und Marine üben mit neun Nationen in Norwegen</p>	<p>In Norwegen trainierte die Luftwaffe gemeinsam mit Heer und Marine aus neun Nationen, um für ein besonderes militärisches Szenario gewappnet zu sein. Bei der Übung „Stand off Weapon“ simulierte die Luftwaffe mit sechs Tornados, zwei Eurofightern und einem A400M den Einsatz von Abstandswaffen. Ziel der Übung „Stand off Weapon“ war vor allem die Bekämpfung von Zielen über weite Distanzen mit dem bunkerbrechenden Lenkflugkörper Taurus, der simuliert zum Einsatz kam. Mit dieser Waffe werden die Tornados ausgestattet, wenn sie Ziele in weiter Entfernung bekämpfen müssen.</p> <p>Für die Übung starteten die Kampfflugzeuge der Luftwaffe in Deutschland. In entsprechender Reichweite schossen sie dann simuliert die Raketen in der Luft ab – das Ziel ein Übungsplatz im Norden Norwegens. Die Besonderheit dieses Lenkflugkörpers: Der Taurus hat Antworten auf elektromagnetische Angriffe, beherrscht den Tiefflug, besitzt eine enorme Geschwindigkeit und steuert selbstständig ins Ziel.</p> <p>Ein Novum bei der Übung war auch die Tatsache, dass das Heer und die Marine ebenfalls integriert waren. „Joint“ ist der militärische Begriff dafür, wenn Teilstreitkräfte gemeinsam trainieren. Das Training im Joint-Rahmen wurde jüngst massiv ausgeweitet. Die Stärken der Luft-, Land- und Seekräfte der multinationalen Teilnehmer zu kombinieren und Schwächen auszugleichen, war ein vehement wichtiger Aspekt bei der aktuellen Übung. Bei „Stand off Weapon“ nahm das Heer mit dem „Army Tactical Missile System“ (kurz: ATACMS), das heißt ballistischen Kurzstreckenraketen, teil. Die Marine beteiligte sich an der Abstandswaffen-Übung mit dem Marschflugkörper Tomahawk Land Attack Missile (kurz: TLAM).</p>

		<p>Ein Tornado IDS Interdiction Strike kann in der Einsatzkonfiguration zwei Taurus KEPD 350 mitführen. Der Taurus KEPD 350 ist ein moderner Luft-Boden-Marschflugkörper für große Distanzen. Bis zu 350 Kilometer beträgt die Reichweite des Lenkflugkörpers. Derzeit wird untersucht, ob diese auch ausbaufähig ist, so ein Experte des Zentrums für Luft- und Raumfahrtoperationen. Auch die Übung „Stand off Weapon“ mit Abstandswaffen sei eine direkte Antwort auf die Entwicklungen in Russland. Das russische Militär habe seinen Fokus in der Vergangenheit unter anderem auf die Ausstattung und Entwicklung von Luftabwehrraketen mit 300 oder mehr Kilometern Reichweite gelegt, auf die die Bundeswehr nun eine Antwort brauche.</p> <p><i>(System-Beschreibung Taurus KEPD 350 abrufbar unter:  <a href="https://www.mbd-systems.com/product/taurus-kepd-350/">https://www.mbd-systems.com/product/taurus-kepd-350/</a>)</i></p>
michigan.gov 02.06.2022	USAF: Michigan Air National Guard, Air Force Special Operations Command to Touch Down on Upper Peninsula Highway This Summer	<p>From June 27-29, the Michigan Air National Guard (ANG) will partner with Air Force Special Operations Command (AFSOC), the Michigan Department of Transportation, and local agencies to host exercise “Northern Agility 22-1,” which prepares military aircrews for operations in austere environments under the Air Force’s Agile Combat Employment (ACE) doctrine. Northern Agility 22-1 will showcase A-10 Thunderbolt II, AFSOC MC-12W and U-28A aircraft conducting agile combat employment at Sawyer International Airport and on a closed portion of M-28 east of Munising. Northern Agility 22-1 will focus on contested logistics and the ability to conduct Integrated Combat Turns (ICTs) in an austere environment and will eight A-10 Thunderbolt II aircraft, one MC-12W aircraft and one U-28A aircraft on a closed-off portion of M-28 to demonstrate engine-running refueling and inert munitions loading in austere environments. Additionally, an MQ-9 Reaper from the North Dakota ANG’s 119th Wing, Fargo ANG Base, crewed by Airmen from the Michigan ANG’s 110th Wing, Battle Creek ANG Base, will provide overwatch for the event.</p>
debka.com 01.06.2022	ISR: Around 100 Israel warplanes simulate anti-Iran operation over Cyprus	<p>Around 100 Israeli Air Force fighter jets, transport planes and refueling aircraft took off for Cyprus from bases in Israel this week to test operations “over the horizon” during the IDF’s month-long Chariots of Fire war game. Also tested, for the first time, was the landing on Cypriot beaches of a complete division of troops, including naval units, the elite Shayetet 13, paratroops, Yahalom special combat engineering unit, intelligence forces and members of the C41 and Cyber Defense Directorate. They also practiced the rapid transfer of casualties to hospitals at home. This is the largest scale war game in Israel’s military history and encompassed thousands of troops including reservists. It was carried out as part of Israel’s stance of readiness to take on a variety of offensive operations – especially in the light of heightened war threats from Tehran. Some military experts estimated that the IDF would need a year at least to be ready for a comprehensive attack on the Islamic Republic. Meanwhile, Israel is keeping up its operations to upend Iran’s entrenchment in Syria and its projects for outfitting Hizballah’s and Syrian rockets with high precision gear.</p>

		<b>Interviews, Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos</b>
esut.de 15.06.2022	DEU: Entscheidende Lücke schließen – Landstreitkräfte sind ungenügend geschützt	Für den Schutz von Landstreitkräften gegen Bedrohungen aus der Luft zeigt sich weiterhin dringender Handlungsbedarf aufgrund bestehender quantitativer und qualitativer Fähigkeitslücken.  <i>(Vollständiger zahlungspflichtiger Fachbeitrag abrufbar unter: <a href="https://esut.de/2022/06/fachbeitraege/34288/entscheidende-luecke-schliessen-landstreitkraefte-sind-ungenuegend-geschuetzt/">https://esut.de/2022/06/fachbeitraege/34288/entscheidende-luecke-schliessen-landstreitkraefte-sind-ungenuegend-geschuetzt/</a>)</i>
news.usni.org 13.06.2022	USN: USNI News Fleet and Marine Tracker: June 13, 2022	These are the approximate positions of the U.S. Navy’s deployed carrier strike groups and amphibious ready groups throughout the world as of June 13, 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.  <i>(Infographic abrufbar unter: <a href="https://news.usni.org/2022/06/13/usni-news-fleet-and-marine-tracker-june-13-2022">https://news.usni.org/2022/06/13/usni-news-fleet-and-marine-tracker-june-13-2022</a>)</i>
defensenews.com 13.06.2022	NATO: The war in Ukraine should serve to bolster Europe’s air power ambitions	Russia’s invasion of Ukraine is a stark reminder that Europe’s NATO members need to spend more wisely — and not simply spend more — in bolstering their collective defense against unwarranted aggression. Kyiv’s success so far in blunting Moscow’s armed forces provides a pointer as to where at least some of the additional investment and focus should go, not least of all in air and counter-air systems as well as what are sometimes termed combat enablers. The needs are both near- and medium-to-long term. In the near-term, continuing to improve air and missile defense would bolster the conventional deterrence of NATO European members, providing the capacity to better address the threat of short-range ballistic and longer-range cruise missiles.  <i>(Vollständiger Report abrufbar unter: <a href="https://www.defensenews.com/opinion/commentary/2022/06/13/the-war-in-ukraine-should-serve-to-bolster-europes-air-power-ambitions/">https://www.defensenews.com/opinion/commentary/2022/06/13/the-war-in-ukraine-should-serve-to-bolster-europes-air-power-ambitions/</a>)</i>
jpost.com 09.06.2022 19:57	IRN: Iran’s drone war over Iraq is getting dangerous – analysis	A drone incident on Wednesday night highlights the dangers of their proliferation and Iran’s spreading of attack drones across the Middle East.  <i>(Vollständige Analyse abrufbar unter: <a href="https://www.jpost.com/middle-east/iran-news/article-708944">https://www.jpost.com/middle-east/iran-news/article-708944</a>)</i>

ukdefencejournal.org.uk 09.06.2022	RUS: Why has Russia lost so many Ka-52s in Ukraine?	<p>From an aviation perspective, the first day of war on February 24th can be considered a serious tactical failure for Russia. Its fixed-wing combat aircraft and strategic bombers failed to destroy the Ukrainian Air Force and associated radar and early warning infrastructure, leading to an ongoing and prolonged operation to clear the skies of UKAF adversaries. Alongside this, the Russian Air Force is confirmed to have lost no less than six helicopters on February 24th, two of which were Ka-52 "Alligator" Attack Helicopters. The author of this article is Defence and Conflict Analyst @Sierra__Alpha, he can be found on Twitter by clicking here and can often be found in the UK Defence Journal as well as other publications providing an insightful view on current events. This article is the opinion of the author and not necessarily that of the UK Defence Journal. If you would like to submit your own article on this topic or any other, please see our submission guidelines. Since then, over 15 Ka-52s have been lost in action to Ukrainian Air Defence, equating to 12% of their overall fleet of 133 aircraft (as of 2020), nearly 15% if accidents during training missions in Russia are accounted for during recent months. So why is the loss rate so high for the Ka-52?</p> <p><i>(Vollständige Analyse abrufbar unter:</i>  <a href="https://ukdefencejournal.org.uk/why-has-russia-lost-so-many-ka-52s-in-ukraine/">https://ukdefencejournal.org.uk/why-has-russia-lost-so-many-ka-52s-in-ukraine/</a><i>)</i></p>
airforcemag.com 06.06.2022	USA/CHN: Chinese UAV Industry Creates New Challenge for the US Air Force	<p>China's growing capability in the production of unmanned aerial vehicles, along with its lack of end-user restrictions, will require the U.S. Air Force to ramp up counteroffensive measures, panelists and attendees at the recent China Aerospace Studies Institute (CASI) conference told Air Force Magazine. "That's one of those things that scares me," Brendan Mulvaney, CASI director, said in an interview. Mulvaney believes that high-power microwave energy directed at a swarm of cheaply produced Chinese unmanned aerial vehicles is not enough to defeat the threat. "We'll be able to take out a whole bunch of drones, but I don't know that that's applicable everywhere, all the time," he added.</p> <p><i>(Vollständige Analyse abrufbar unter:</i>  <a href="https://www.airforcemag.com/chinese-uav-industry-new-challenge-for-us-air-force/">https://www.airforcemag.com/chinese-uav-industry-new-challenge-for-us-air-force/</a><i>)</i></p>
timesofisrael.com 05.06.2022 02:10	UKR: How long can Ukraine keep fighting as its troop losses mount?	<p>Relentless Russian artillery barrages are causing major losses in east, with Zelensky saying country is now losing 60 to 100 soldiers each day in combat.</p> <p><i>(Vollständiger Bericht abrufbar unter:</i>  <a href="https://www.timesofisrael.com/how-long-can-ukraine-keep-fighting-as-its-troop-losses-mount/">https://www.timesofisrael.com/how-long-can-ukraine-keep-fighting-as-its-troop-losses-mount/</a><i>)</i></p>
jpost.com 05.06.2022	RUS/USA:	<p>The Main Directorate of Intelligence (GUR), Ukraine's military intelligence service, claimed last Tuesday in a post on its official website that it had obtained evidence that invading Russian forces are using microchips</p>

04:54	Ukraine military intelligence claims Russia dependent on western tech	made in the United States. According to the post, US-made electronics were found in Russian Pantsir air defense systems, Ka-52 Alligator attack helicopters and Kh-101 cruise missiles. According to Howard Altman of The War Zone, who received component lists from the GUR, Ukrainians found microchips manufactured by AMD, Rochester Electronics, Texas Instruments and Linear Technology in a Pantsir air defense system and at least 35 additional US-made chips were found in a Kh-101 cruise missile. The GUR claimed that these findings emphasize Russia's dependence on Western technology. These underscore the GUR's previous claims that western sanctions have disrupted Russian military production.
asiatimes.com 03.06.2022	USA/RUS: US-made parts keep Russia's artillery firing in Ukraine	It's utterly unclear why the US has not sanctioned the export of high-tech electronic and optical systems to Russia.  <i>(Vollständiger report abrufbar unter: <a href="https://asiatimes.com/2022/06/us-made-parts-keep-russias-artillery-firing-in-ukraine/">https://asiatimes.com/2022/06/us-made-parts-keep-russias-artillery-firing-in-ukraine/</a>)</i>
apnews.com 03.06.2022	RUS/UKR: Deadly secret: Electronic warfare shapes Russia-Ukraine war	Electronic warfare technology targets communications, navigation and guidance systems to locate, blind and deceive the enemy and direct lethal blows. It is used against artillery, fighter jets, cruise missiles, drones and more. Militaries also use it to protect their forces. It's an area where Russia was thought to have a clear advantage going into the war. Yet, for reasons not entirely clear, its much-touted electronic warfare prowess was barely seen in the war's early stages in the chaotic failure to seize the Ukrainian capital of Kyiv. It has become far more of a factor in fierce fighting in eastern Ukraine, where shorter, easier-to-defend supply lines let Russia move electronic warfare gear closer to the battlefield. "They are jamming everything their systems can reach," said an official of Aerorozvidka, a reconnaissance team of Ukrainian unmanned aerial vehicle tinkerers, who spoke on the condition of anonymity because of safety concerns. "We can't say they dominate, but they hinder us greatly."  <i>(Vollständiger Bericht abrufbar unter: <a href="https://apnews.com/article/russia-ukraine-kyiv-technology-90d760f01105b9aaf1886427dbfba917?campaign_id=249&amp;emc=edit_ruwb_20220603&amp;instance_id=63177&amp;nl=russia-ukraine-war-briefing&amp;regi_id=95831761&amp;segment_id=94195&amp;te=1&amp;user_id=5063c6c1b1cea85c99796be8061e2ac6">https://apnews.com/article/russia-ukraine-kyiv-technology-90d760f01105b9aaf1886427dbfba917?campaign_id=249&amp;emc=edit_ruwb_20220603&amp;instance_id=63177&amp;nl=russia-ukraine-war-briefing&amp;regi_id=95831761&amp;segment_id=94195&amp;te=1&amp;user_id=5063c6c1b1cea85c99796be8061e2ac6</a>)</i>  <i>(Ergänzende Information timesofisrael.com vom 03.06.2022 08:58: <a href="https://www.timesofisrael.com/theyre-jamming-everything-secretive-electronic-warfare-shapes-war-in-ukraine/">https://www.timesofisrael.com/theyre-jamming-everything-secretive-electronic-warfare-shapes-war-in-ukraine/</a>)</i>

<p>Zielsetzung NACHBRENNER</p>	<p>Der NACHBRENNER hat zum Ziel eine am Thema Militärluftfahrt und Luftkriegsführung interessierte Leserschaft zeitnah über</p> <ul style="list-style-type: none"> <li>° Die Fähigkeiten und die Schlüsselfunktion von Air Power,</li> <li>° die zentrale Bedeutung einer integrierten Luftverteidigung,</li> <li>° die Weiterentwicklung von Luftstreitkräften mit einem besonderen Fokus Europa,</li> <li>° Entwicklungen und Entwicklungstendenzen in der 3. Dimension sowie</li> <li>° die möglichen verheerenden Folgen eines ungeschützten schweizerischen Luftraums für unsere Bevölkerung und Souveränität im Frieden, bei Terrorangriffen aus der Luft sowie im Konfliktfall</li> </ul> <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 <a href="mailto:konrad.alder@bluewin.ch">konrad.alder@bluewin.ch</a></p>	<ul style="list-style-type: none"> <li>° Fact and Figures</li> <li>° Science and Technology</li> <li>° Entwicklungstrends</li> <li>° Beschaffungsprogramme</li> <li>° Luftkriegseinsätze</li> <li>° Militär- und geopolitische Entwicklungen</li> </ul>
<p>Beilagen im Anhang zum Versandmail NACHBRENNER 2022-38</p>	<ul style="list-style-type: none"> <li>° Nachrichtenblatt NACHBRENNER 2022-38</li> </ul>
<p>Verbunden in einem Informationsnetzwerk mit</p>	<ul style="list-style-type: none"> <li>° Peter Bosshard – Forum Flugplatz Dübendorf – <a href="http://www.forum-flugplatz.ch">www.forum-flugplatz.ch</a></li> <li>° Thomas Bosshard – Pro Schweizer Luftwaffe – <a href="mailto:thomasbosshard@bluewin.ch">thomasbosshard@bluewin.ch</a></li> <li>° Dr. Peter Forster – Das Bulletin Nr. 1 – <a href="https://bulletin-1.ch/">https://bulletin-1.ch/</a></li> <li>° H.U. Helfer – Informationsgruppe Pro Kampfflugzeuge – <a href="mailto:helfer@presdok.ch">helfer@presdok.ch</a></li> <li>° Daniel Hildinger – Verein Schweizer Armeefreunde - <a href="http://www.chaf.ch">www.chaf.ch</a></li> <li>° Christoph Vollenweider – Gruppe Luftverteidigung – <a href="http://www.lilienberg.ch">www.lilienberg.ch</a></li> </ul>
<p>Neuabonnement NACHBRENNER</p>	<p>Für eine regelmässige, kostenlose Zustellung des NACHBRENNER übermittelt man seine Mailadresse an <a href="mailto:konrad.alder@bluewin.ch">konrad.alder@bluewin.ch</a>.</p>

	<b>Auf die gleiche Art erfolgt die Annulation des Abonnements.</b>
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