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		<p>Sicherheitspolitik Schweiz und Air2030</p>
<p>info@allianzsicherheit.ch 24.08.2021</p>	<p>Allianz Sicherheit Schweiz ist lanciert</p>	<p>Die zunehmende Anspannung der Lage im strategischen Umfeld der Schweiz erfordert eine glaubwürdige Politik für innere und äussere Sicherheit. Die Allianz Sicherheit Schweiz will die Kräfte auf der bürgerlichen Seite bündeln, die Deutungshoheit über sicherheitspolitische Fragen innehaben und die Debatte prägen. Die Allianz Sicherheit Schweiz beschränkt sich nicht auf Wehrpolitik, sondern vertritt ein Ansatz der integrativen Sicherheitspolitik, d.h. die Verbindung von innerer und äusserer Sicherheit.</p> <p>(Vollständige Medienmitteilung abrufbar unter: https://mailchi.mp/96d270d2ff96/einladung-ao-vereinsversammlung-vss-4983201?e=6b2116ab3c2)</p>
<p>https://allianzsicherheit.ch Ab 24. August 2021</p>	<p>Gemeinsam für eine sichere Schweiz!</p> <p>Mitglied werden Die Allianz Sicherheit Schweiz ist nur so stark, wie die Mitglieder bereit sind, sich zu engagieren. Die Mitglieder sind deshalb das Herzstück der Allianz. Werde auch du jetzt Mitglied (Mitgliedschaftsbeitrag 100 CHF). Damit stärkst du die Allianz als schlagkräftige Fach- und Kampagnenorganisation, um permanent über sicherheitsrelevante Themen sachlich und kompetent zu informieren.</p> <p>(Anmeldung über Homepage)</p>	<p>Das Ziel und der Zweck der Allianz Sicherheit Schweiz</p> <p>Die Allianz Sicherheit Schweiz nimmt ihre sicherheitspolitische Verantwortung wahr und setzt sich für eine umfassende, stabile und langfristige Sicherheit in der Schweiz ein.</p> <p>Zur Zielerreichung werden u.a. folgende Massnahmen ergriffen:</p> <ul style="list-style-type: none"> ° Information der Öffentlichkeit über sicherheitspolitische Zusammenhänge ° Teilnahme an Vernehmlassungen zu sicherheitspolitischen Geschäften des Bundes sowie teilweise der Kantone ° Interessenvertretung gegenüber Parlamenten, Regierungen und Verwaltungen ° Publikationen in- und ausserhalb von Fachorganen ° Organisation von Veranstaltungen ° Ergreifen von Volksinitiativen und Referenden ° Führung und Unterstützung von Kampagnen anlässlich von Volksabstimmungen <p>Die Allianz Sicherheit Schweiz übernimmt als Fach- und Kampagnenorganisation gegenüber den angeschlossenen Institutionen, Verbänden und Vereinen eine koordinative Rolle und bezieht die Mitglieder bei Bedarf in die Aktivitäten mit ein. Sie arbeitet mit anderen Organisationen zusammen, die das gleiche Ziel verfolgen. Zur Zielerreichung wird eine Geschäftsstelle unterhalten.</p> <p>(Homepage abrufbar unter: https://allianzsicherheit.ch)</p>

<p>vision-armee.ch</p>	<p>Die Schweizer Armee im Jahre 2030</p>	<p>Auf dieser Seite erfahren Sie mehr zur Vision der Schweizer Armee. Zielgerichtetes, dezentrales und gemeinsames Arbeiten kann nur dann zum Erfolg führen, wenn alle Beteiligten wissen, wohin wir wollen. Wir brauchen ein gemeinsames und vereinbartes Ziel, welches als Grundlage und Referenzrahmen für alle unsere Entscheidungen dient. Unsere Vision ist deshalb als gemeinsame Ambition formuliert und soll auch so verstanden werden...</p> <ul style="list-style-type: none"> ° Wo wir hingehen ° Der Weg dahin ° Dialog ° Aktuell <p>(Homepage abrufbar unter: https://vision-armee.ch/)</p>
<p>admin.ch 25.08.2021</p>	<p>Aussenpolitik ist auch Sicherheitspolitik – und umgekehrt</p>	<p>Referat von Bundesrätin Viola Amherd, Chefin des Eidgenössischen Departements für Verteidigung, Bevölkerungsschutz und Sport (VBS) an der BotschafterInnen-Konferenz in Bern, Mittwoch, 25. August 2021.</p> <p>Referatteil Neues Kampfflugzeug</p> <p>Zum Schluss komme ich noch auf ein anderes aktuelles Thema zu sprechen: die Beschaffung des neuen Kampfflugzeugs. Sie alle haben das natürlich mitbekommen. Der Bundesrat hat entschieden, 36 Flugzeuge des Typs F-35 zu beschaffen. Der Entscheid für ein amerikanisches Flugzeug hat zu reden gegeben. Es gab teilweise Kritik und Unverständnis. Dem Bundesrat wurde vorgeworfen, politische Überlegungen zu wenig berücksichtigt zu haben, insbesondere mit Blick auf die Beziehungen zu unseren europäischen Partnern. Dem Vernehmen nach gab es auch aus Ihren Reihen kritische Stimmen. Es ist mir deshalb ein Anliegen, diesen Entscheid hier kurz zu erläutern – schliesslich vertreten Sie die Schweiz, ihre Regierung und damit auch ihre Entscheide nach aussen.</p> <p>Natürlich hat der Bundesrat die Diskussion über diese Beschaffung auf einer breiten Grundlage, in Kenntnis aller relevanten Informationen und Überlegungen geführt. Das Geschäft wurde auch gründlich und umfassend vorbereitet. Dabei wurden auch Möglichkeiten abgeklärt, die Beziehungen mit den drei Ländern über die sicherheitspolitische Zusammenarbeit hinaus zu stärken, und zwar in enger Zusammenarbeit mit dem EDA und anderen Departementen. Es wurde gegenüber der Öffentlichkeit und den drei Anbieterstaaten</p>

		<p>von Anfang an konsequent und transparent kommuniziert, dass politische Überlegungen durchaus eine Rolle beim Typenentscheid spielen können. Dabei wurde klar gemacht, dass solche Aspekte dann den Ausschlag geben könnten, wenn mehrere Ergebnisse aus der Kosten-Nutzen-Analyse in einer gewissen Nähe zueinander sind. Der Evaluationsbericht mit der Kosten-Nutzen-Analyse bildete somit die Basis für den Typenentscheid bildet, was ebenfalls bekannt war. Alles andere wäre unseriös gewesen und hätte Glaubwürdigkeit und Nutzen der mehrjährigen Evaluation in Frage gestellt. Das Resultat der Kosten-Nutzen-Analyse war nun aber so, dass es sehr deutlich zugunsten des F-35A ausfiel, mit beträchtlichem Abstand zu den Konkurrenten. Damit war nicht unbedingt zu rechnen, aber das sind die Fakten. Manche mögen das bedauern, aber auch das ändert nichts.</p> <p>Der Bundesrat konnte dieses eindeutige Ergebnis nicht einfach ignorieren und aus politischen Gründen umstossen. Er hat deshalb nach intensiver Diskussion und auf Basis der vorliegenden Fakten entschieden. Wichtig ist – und man kann das nicht genug betonen –, es ist auf keinen Fall ein Entscheid gegen Frankreich oder Deutschland. Beide Staaten sind erstrangige Kooperationspartner der Schweiz, in der Sicherheitspolitik und darüber hinaus. Wir wollen die Zusammenarbeit mit diesen beiden Staaten weiter pflegen und ausbauen, dort, wo es im gegenseitigen Interesse liegt. Es handelt sich auch nicht um einen Entscheid gegen Europa. Die Schweiz ist eng mit ihrem europäischen Umfeld verflochten; dies gilt auch für die Sicherheitspolitik. Wir wollen diese Kooperation weiterentwickeln; das entspricht auch einem der Ziele im neuen Sicherheitspolitischen Bericht. Zudem ist zu bedenken, dass immerhin sieben europäische Länder den F-35 betreiben, was ebenfalls Möglichkeiten zur Zusammenarbeit eröffnet.</p> <p>Ein wichtiger Entscheid ist nun gefallen. Das Projekt ist aber noch nicht am Ziel. Es gibt weitere Hürden, die wir nehmen müssen. Es wird eine Volksinitiative gegen die Beschaffung des F-35 geben. Auch die parlamentarische Beratung im Rahmen der ordentlichen Rüstungsbeschaffung steht noch aus. Es wird also noch einiges zu tun geben. Nicht nur hier, sondern in der ganzen Sicherheitspolitik. Genauso wie in der Aussenpolitik. Wir werden alle gefordert sein, ob hier an der Zentrale oder draussen an der Front. Umso wichtiger ist, dass wir eng und gut zusammenarbeiten – in der Aussen- und in der Sicherheitspolitik.</p> <p><i>(Vollständiges Referat Bundesrätin Viola Amherd abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-84846.html)</i></p>
chanceschweiz.ch 24.08.2021	CHANCE SCHWEIZ Newsletter Sommer 2021	Am 30. Juni 2021, an seiner letzten Sitzung vor den Sommerferien, beschloss der Bundesrat, dem Parlament den Kauf von 36 US-Kampffjets des Typs F35 zu beantragen. Das amerikanische Flugzeug der neuesten Generation habe in der ausführlichen Evaluation mit Abstand am besten abgeschnitten und sei bei einem

		<p>Beschaffungspreis von gut 5 Mrd. erst noch das günstigste. Der Entscheid mag überraschen, aber das Preis-/Leistungsverhältnis habe keine andere Wahl zugelassen, wie die Chefin VBS wiederholt versicherte. Künftige Kampfwertsteigerungen am F-35 werden billiger sein, weil über 3000 davon in Betrieb seien. Nicht beeinflussen liess sich der Bundesrat von der Drohung der GSoA und ihren links-grünen Verbündeten, die Wahl eines amerikanischen Flugzeuges mit einer Initiative zu bekämpfen. Wenn von vier Kandidaten nur einer gewinnen kann, gibt es unweigerlich Enttäuschte. Die Reaktionen der unterlegenen Vertretungen von Rafale und Eurofighter sind verständlich und trotzdem deplatziert. Den Nachweis, dass die EU auf die Wahl eines europäischen Kampffjets der Schweiz im Bereich des gescheiterten Rahmenabkommens entgegengekommen wäre, kann niemand mehr erbringen. Spekulationen erübrigen sich hiermit.</p> <p><i>(Vollständiger Newsletter abrufbar unter: file:///C:/Users/Standard/AppData/Local/Temp/210824_Newsletter_Sommer_I-1.pdf)</i></p>
<p>bulletin-1.ch 24.08.2021 Dr. Peter Forster</p>	<p>Burkart: Aufruf zur Allianz Sicherheit Schweiz</p>	<p>In den stets informativen, ansprechend gestalteten NEWS der AOG Zürich ruft Ständerat Thierry Burkart, Präsident Allianz Sicherheit Schweiz (ASS), zum Beitritt zur neuen kampagnenfähigen Kampforganisation pro Armee auf.</p> <p>Zuerst deckt Ständerat Burkart schonungslos die Schwächen auf, welche die Manöverkritik zum 27. September 2020 ergeben hat: "Die Kampagnenfähigkeiten, der Organisationsgrad und damit auch die sicherheitspolitischen Machtverhältnisse haben sich zu Ungunsten einer sicheren Schweiz verschoben." Daraus resultiere "die Notwendigkeit und die Zielsetzung, auf bürgerlicher Seite eine professionelle Organisation im Bereich des sicherheitspolitischen Engagements zu bilden."</p> <p>Diese solle "laufend über sicherheitsrelevante Themen sachlich, kompetent und wirksam informieren." Darüber hinaus müsse "den professionellen sicherheitspolitischen Kampagneorganisationen der Linken eine permanente Kraft" entgegengesetzt werden. Diese müsse "eine effektive und langfristig ausgelegte Kampagnentätigkeit gewährleisten."</p> <p>Die ASS "soll die führende sicherheitspolitische Bewegung der Schweiz werden." Unter ihrem Dach schliessen sich die wichtigsten Gruppen und Vereine der Sicherheitspolitik zusammen. Die ASS steht auch Einzelmitgliedern offen: "Gerade Letztere stehen im Zentrum und sollen eine aktive Rolle übernehmen können." Diesen Gedanken verbindet Ständerat Burkart mit dem Aufruf, der ASS beizutreten: "Werden Sie jetzt Mitglied bei der Allianz Sicherheit Schweiz und helfen Sie mit, die führende sicherheitspolitische Bewegung der Schweiz zu werden!"</p>

		> www.allianzschweiz.ch
srf.ch 22.08.2021	F-35: So ist die Digitalisierung bei den Kampffjets angekommen	Der Bundesrat hat sich für den Kampffjet F-35, den «Ferrari der Lüfte». Der Vergleich klingt gut, greift aber zu wenig weit. Der Jet ist vielmehr ein stark vernetztes fliegendes Rechenzentrum. (Vollständiger Beitrag abrufbar unter: https://www.srf.ch/news/schweiz/kampffjet-beschaffung-f-35-so-ist-die-digitalisierung-bei-den-kampffjets-angekommen-1)
ar.admin.ch 20.08.2021	Das Schweizer Patriot-Luftverteidigungssystem	Mit Patriot ist die bodengestützte Luftverteidigung grösserer Reichweite in der Lage, selbständig und in Kombination mit den Kampfflugzeugen, Räume zu schützen und dabei in erster Linie Ziele im mittleren und oberen Luftraum zu bekämpfen. Zu den Zielkategorien gehören Marschflugkörper, unbemannte Flugobjekte, Flugzeuge und Lenkwaffen. Gleichzeitig leistet Patriot einen grossen Beitrag zur erkannten Luftlage. (Vollständiger Beitrag abrufbar unter: https://www.ar.admin.ch/de/dokumente-und-publikationen/armasuisse-insights/air2030-bodlufv/patriot-luftverteidigungssystem.html)
blick.ch 17.08.2021	Schweizer Parlamentarier fordern eigene Transportflugzeuge	Fieberhaft versucht die Schweiz, lokale Mitarbeitende aus Afghanistan auszufliegen. Eine schwierige Aufgabe – auch weil der Bund keine eigenen Transportflugzeuge hat. Nun wird im Parlament erneut die Forderung nach dem Kauf solcher Flieger laut. (Vollständiger Beitrag abrufbar unter: https://www.blick.ch/politik/auch-um-afghanistan-fluechtlinge-zu-retten-schweizer-parlamentarier-fordern-eigene-transportflugzeuge-id16759363.html)
vbs.admin.ch 17.08.2021	Neue Kampfflugzeuge: Bewertung der Kandidaten mit der AHP-Methode	Die Bewertung der Kampffflugzeugkandidaten basiert auf der AHP-Methode. Diese erfüllt die beschaffungsrechtlichen Vorgaben und hat erhebliche Vorteile gegenüber einer einfacheren Nutzwertberechnung. Die Methode vereinfacht komplexe Bewertungsprobleme und führt zu belastbaren und nachvollziehbaren Resultaten. (Vollständige Medienmitteilung abrufbar unter: https://www.vbs.admin.ch/de/home.detail.news.html/vbs-internet/wissenswertes/2021/210817a.html)

		<i>(Anmerkung Redaktion: Da hat sich das Projekt «neues Kampfflugzeug» der armasuisse in der Kategorie Gross-Projekte für den Final des weltweit anerkannten Projektmanagementverband International Project Management Association qualifiziert und nun meint Tobias Gasser mit seinem Beitrag «Juristisch «heikle» Bewertungsmethode beim Kampfjet-Kauf» Wasser in diesen «Spitzen-Wein» giessen zu können. Man merkt die ideologisch geprägte Absicht und man ist verstimmt!)</i>
vbs.admin.ch 16.08.2021	Die Offsetpflicht von Lockheed Martin beim F-35A	Beim Verkauf des F-35A muss Lockheed Martin Aufträge an Unternehmen und Forschungseinrichtungen in der Schweiz vergeben. Dies dient der Stärkung der Schweizer Industrie und der Autonomie der Schweiz. Lockheed Martin hat beim VBS ein breit gefächertes Offsetkonzept eingereicht. Darin enthalten ist unter anderem der Aufbau eines F-35A Cyber Centers. <i>(Vollständige Medienmitteilung abrufbar unter: https://www.vbs.admin.ch/de/home.detail.news.html/vbs-internet/wissenswertes/2021/210816.html)</i>
vtg.admin.ch 15.08.2021	Die Schweizer Armee beendet Löscheinsatz in Griechenland	Die Schweizer Armee hat ihre Löschflüge in Griechenland beendet. Sie hat mit 75.5 Flugstunden der Super Puma und 386 Tonnen Wasser geholfen, mehrere Brände zu löschen oder einzudämmen und hat damit das Eigentum vieler Menschen geschützt. <i>(Vollständige Medienmitteilung abrufbar unter: https://www.vtg.admin.ch/de/organisation/kdo-op/lw.detail.news.html/vtg-internet/verwaltung/2021/21-08/griechenland-loeschende.html)</i>
nzz.ch 12.08.2021 Georg Häsler Sansano	Nicht richtig Krieg, aber auch nicht wirklich Frieden – wie sich die sicherheitspolitische Lage in den nächsten Jahren entwickeln könnte	Die Machtpolitik erlebt eine Renaissance. Führt dies zu neuen bewaffneten Konflikten? Ist eine Entspannung noch möglich? Was bedeutet die Konkurrenz zwischen den USA und China? Eine Analyse dreier möglicher Lageentwicklungen aus Schweizer Sicht. <i>(Vollständige, registrierpflichtige Analyse abrufbar unter: https://www.nzz.ch/schweiz/nicht-richtig-krieg-aber-auch-nicht-wirklich-frieden-wie-sich-die-sicherheitspolitische-lage-in-den-naechsten-jahren-entwickeln-koennte-ld.1638602)</i>
lexingtoninstitute.org 09.08.2021	The F-35 Is Going To Be The Free World's Fighter (From 1945)	The recent decision by the Swiss Federal Council (SFC) to acquire the F-35 Joint Strike Fighter (JSF) as Switzerland's next-generation air defense aircraft has made it all but official: the F-35 is fast becoming the free world's dominant fighter. The Swiss conducted a comprehensive technical evaluation which found that the F-35A "has the lowest operating costs of all of the candidates evaluated." The SFC's decision follows close on the heels of similar choices made by Poland and the UAE. It is important to note that these countries,

		<p>and others such as Israel, Japan, and South Korea, decided to acquire the F-35 based not just on its fifth-generation features, but also because of the global “ecosystem” that has been created to support it, including training, logistics, and maintenance.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.19fortyfive.com/2021/08/the-f-35-is-going-to-be-the-free-worlds-fighter/<i>)</i></p>
blick.ch 30.06.2021	<p>Kommentar von Christian Dorer:</p> <p>Kauft den besten Kampfjet!</p>	<p>Der Bundesrat hat sich von der Kritik am US-Flieger F-35 nicht beirren lassen. Sie kommt von denjenigen, die auch keinen europäischen Jet wollen – sondern gar keinen. Er kauft denjenigen Flieger, der bei der Evaluation gewonnen hat. Wer glaubt, SP, Grüne, GSoA und Co. sorgten sich wirklich um Qualität oder Herkunft des Fliegers, ist naiv: Diese Kreise wollen jeden Flieger verhindern – und zwar immer mit dem Argument, das gerade am besten zieht.</p> <p><i>(Vollständiger Kommentar abrufbar unter:</i> https://www.blick.ch/politik/kommentar-von-christian-dorer-kauft-den-besten-kampfjet-id16643201.html<i>)</i></p>
		Luft- und Marineluftstreitkräfte sowie strategische und weitere luftgestützte Einsatzmittel
reuters.com 26.08.2021	<p>TWN: Taiwan eyes jet fighter buy amid modest hike in 2022 defence spending</p>	<p>Taiwan announced a more modest pace in defence spending for next year on Thursday, but will spend \$1.44 billion on new fighter jets, as the island bolsters its forces in the face of increased pressure from Beijing. Though the government did not give details but likely refers to F-16s. The United States in 2019 approved an \$8 billion sale of F-16 fighter jets to Taiwan, a deal that would bring the island's total to more than 200, the largest F-16 fleet in Asia.</p>
news.usni.org 25.08.2021	<p>USN: HASC Chairman’s Mark Adds 12 Navy Super Hornets, Preserves Navy Nuclear Cruise Missile Funds</p>	<p>The chairman of the House Armed Services Committee is preserving money to develop a new surface-launched nuclear cruise missile, and is adding 12 Super Hornets and a second guided-missile destroyer to the Navy’s shipbuilding plan, according to a copy of the chairman’s mark for the Fiscal Year 2022 budget obtained by USNI News on Wednesday.</p>

thedrive.com 25.08.2021	USN: Navy Halts Plans To Give Its Super Hornets Conformal Fuel Tanks	The U.S. Navy appears to have all but scrapped its plans to equip its future Block III F/A-18E/F Super Hornets with conformal fuel tanks, or CFTs, at least for the time being. Boeing says it is not presently expecting to deliver any Block III jets with CFTs to the Navy. The service itself has also revealed that it issued a formal stop-work order to Boeing with regards to the continued development of the CFTs back in January.
tass.com 25.08.2021	KAZ: Russia to deliver four Su-30SM fighters to Kazakhstan by late 2022	Russia will deliver four Su-30SM multirole fighters to Kazakhstan, Director of Russia's Federal Service for Military-Technical Cooperation Dmitry Shugayev told a briefing on Wednesday. "Work continues to implement a contract on the delivery of another batch of four such fighters to our Kazakh partners by the end of 2022. So far, 20 advanced Su-30SM fighters have been delivered to the Republic of Kazakhstan," Russia's military cooperation chief said. The Su-30SM is a generation 4++ two-seat super-maneuverable all-weather fighter jet.
boeing.com 25.08.2021	QAT: Boeing Unveils F-15 Qatar Advanced Jets	Boeing in collaboration with the U.S. Air Force and Qatar Emiri Air Force (QEAF), celebrated the naming and rollout of Qatar's advanced F-15, the F-15QA. The first set of F-15QA jets will ferry to Qatar later this year following the completion of pre-delivery pilot training. "The Qatar F-15QA program further enhanced next-generation technologies in the advanced F-15 such as the fly-by-wire flight controls, an all-glass digital cockpit and contemporary sensors, radar and electronic warfare capabilities," said Prat Kumar, vice president of the F-15 program. "Driven by digital engineering and advanced manufacturing, these aircraft represent a transformational leap for the F-15. The F-15QA will enhance the superiority of the QEAF with more speed, range and payload than any fighter in the world."
asiatimes.com 23.08.2021	JPN: Japan's F-X 'Godzilla' fighter is taking shape	"Godzilla" is the nickname for the homegrown Mitsubishi F-X sixth-generation fighter jet being domestically developed at a projected cost of around 5 trillion yen (about US\$48 billion). The Mitsubishi F-X is a sixth-generation stealth fighter in development for Japan and is Japan's first domestically developed stealth fighter jet. Credit: Japanese Ministry of Defense. Advanced technologies include remote drone control capabilities, a VR-style helmet-mounted display, a radar that can double as a microwave weapon to fry enemy missiles and serpentine air intakes to help further reduce its radar cross-section and heat signature. The F-X will likely also come with heat shields and an integrated bonded structure that will likely be made of composite materials. This will help reduce the overall weight of the aircraft giving the F-X a much extended operational range and give the Japan Air Self-Defense Force (JASDF) the much-needed ability to be flexible with the airbases the F-X will operate from. With regards to propulsion, one of the main companies involved in the project, IHI Corporation, has been testing a new jet engine, the XF9-1

		<p>low-bypass turbofan engines since 2018. Reportedly it is capable of pumping out around 16.5 tons of thrust with afterburners. Japanese engineers have also been toying with thrust-vectoring nozzles for the XF9-1 engine which, if successful, could provide the F-X with some impressive maneuverability. Other team members for the project, including Toshiba and Fujitsu, will be taking the lead in developing the F-X's Gallium-Nitride "Active Electronically Scanning Array" (AESA) radar system.</p> <p>The twin-engine fighter may also come equipped with an "Integrated Fire Control for Fighters" (IFCF) system that could allow Japanese (and possibly US) fighters to pool together their sensor and missile targeting capabilities. Apparently, the F-X will also be able to control up to three drone-like "loyal wingmen" aircraft, or "Combat Support Unmanned Aircraft." It will probably also have the capacity for at least six internally-stowed weapons, including, but not limited to, air-to-air missiles, air-to-ground missiles and anti-ship missiles.</p> <p>Japan is hoping to build around 90 of the fighters initially, which will replace the venerable, but now aging F-2 planes. Perhaps even more ambitious are the plans to have a working prototype by about 2024, with its first flight around 2028. The F-X is also hoped to be in series production by 2031, with it finally entering service by the 2035 deadline.</p>
<p>eurasianimes.com 21.08.2021</p>	<p>USA: US Veteran Pilot Compares F-35 With F-22 Raptor; Explains What Makes F-35 Lightning-II An 'Unbeatable' Fighter Jet</p>	<p>For the US military, the Lockheed Martin F-35 and F-22 Raptors are a prized possession. The two stealth fighters are considered the most advanced warplanes on the planet.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://eurasianimes.com/us-veteran-pilot-compares-f-35-with-f-22-raptor-explains-what-makes-f-35-lightning-ii-an-unbeatable-fighter-jet/?fbclid=IwAR1Ta8Pb9aQcvRExPNVURD_z0KfMHSfI5bxpEG4QKcQ37xDBWvdFuBM-f-o<i>)</i></p>
<p>israeldefense.co.il 17.08.2021</p>	<p>USA: U.S. Air Force starts deploying new logistics hardware for F-35 fighters</p>	<p>The U.S. Air Force and Lockheed Martin have installed the new, cloud-based Operational Data Integrated Network (ODIN) system at two squadrons of F-35 stealth fighters. The ODIN system is replacing the Autonomic Logistics Information System that has been proven to be ineffective in terms of maintenance. The Inside Defense website reported that the new hardware was installed at Naval Air Station Lemoore in California and at Nellis Air Force Base in Nevada, and that the two deployments are the first of 14 installations scheduled through early next year. It is one of the most vital and important systems in a variety of missions carried out by F-35 fighters. Over the last few months, special teams conducted tests of ODIN kits to evaluate their performance. The new system is smaller than the previous one and costs 30% less.</p>

<p>sputniknews.com 17.08.2021</p>	<p>RUS: Il-112V Military Transport Aircraft Crashes</p>	<p>A prototype of Russia's new Il-112V military transport aircraft has crashed in the Moscow Region, a source in the defence sector told Sputnik. The Russian Emergency Services later confirmed to Sputnik that the aircraft had exploded during the fall and is now completely destroyed. Three men were on board and no one survived the crash. A video appearing to show the plane nosediving and then crashing, has since emerged on social media. The plane reportedly crashed because of an engine fire.</p> <p>The Il-112V military transport aircraft was designed for the transportation and airborne landing of personnel, weapons, and other cargoes with a maximum weight of 5 tonnes. Il-112V is expected to replace the An-26. The cruising speed of the aircraft is 470 kilometers per hour, while its flight range with a maximum load is 1,200 kilometres.</p> <p><i>(Ergänzende Information tass.com vom 23.08.2021: The program for creating the Il-112V light transport plane will be continued despite the recent air crash, Deputy Prime Minister Yuri Borisov told the media on Monday. The sole flying prototype of the light military transport plane Il-112V crashed during an attempt to land at the Kubinka airbase near Moscow on August 17. Before the crash the plane's starboard engine caught fire. The plane tilted to the starboard, lost speed, capsized and crashed. There was a crew of three on board. Il-112V is the first military transport plane developed in post-Soviet Russia from scratch. The project was launched in 2014. The plane is capable of carrying a payload of five tonnes - personnel, military vehicles and weapons. The plane is to replace the turboprop An-26 and An-24. There are plans for making two configurations of the plane - civilian (Il-112T) and military transport one (Il-112V).)</i></p>
<p>scmp.com 16.08.2021</p>	<p>CHN/RUS: Advanced PLA aircraft to debut at military games in Russia</p>	<p>The J-10B and J-16 fighter jets, and the Y-20 large transport aircraft will be among 11 Chinese aircraft at the International Military Games next week. Move reflects deepening China-Russia ties, as well as a more open publicity strategy from the Chinese military.</p>
<p>boeing.com 16.08.2021</p>	<p>JPN: Boeing KC-46A Tanker for Japan Completes First Refueling Flight</p>	<p>The first Boeing KC-46A tanker built for the Japan Air Self-Defense Force (JASDF) recently refueled another KC-46A aircraft in the skies over Washington state. The Japan-bound tanker also successfully received fuel in return. Japan is the KC-46 program's first non-U.S. customer and is scheduled to receive its first aircraft this year. The Japan KC-46A is capable of refueling U.S. Air Force, U.S. Navy, U.S. Marine Corps and JASDF aircraft. The U.S. Air Force awarded Boeing a contract for the JASDF's first KC-46A tanker in December 2017. A second Japan tanker is already in production. KC-46A is the world's most advanced air refueling aircraft and has already transferred more than 42 million gallons of fuel to other aircraft globally through its boom and drogue systems.</p>

<p>globaltimes.cn 15.08.2021</p>	<p>CHN: PLA Air Force accelerates pilot cadet training with advanced trainer jets</p>	<p>Now that the PLA has adopted the newly developed advanced trainer jet, the JL-10, which features many advanced technologies and resembles more to a genuine fighter with outstanding performances, it has partially replaced the JL-9 fighter trainer and now even the JL-8 intermediate trainer jet, the expert said. This also means that, after learning on the JL-10, the pilot cadets will find it easier to master genuine fourth-generation fighters, or even fifth-generation ones like the J-20, the expert said.</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://www.globaltimes.cn/page/202108/1231514.shtml)</i></p>
<p>hindustantimes.com 13.08.2021</p>	<p>IND: LCA Mk-1A to take first flight by March, says HAL chairman</p>	<p>State-run plane maker Hindustan Aeronautics Limited (HAL) has set a March 2022 deadline to carry out the first flight of the LCA (light combat aircraft) Mk-1A jet after wrapping up the necessary design activities, HAL chairman R Madhavan said on Thursday. The first Mk-1A aircraft will be delivered to the air force by March 2024, with the rest slated to join its combat fleet by 2029. The delivery schedule requires HAL to provide the IAF with the first two aircraft in 2024, eight in 2025 and the remaining in batches by 2029 at the rate of 14 to 16 fighters every year.</p> <p>“The preliminary design review is over and so is the critical design review for several systems, including mission computer, digital map generator and digital flight control systems. We are integrating the active electronically scanned array (AESA) radar and the electronic warfare suite on the final operational clearance (FOC) version of the LCA. After it is proven there, we will integrate it on the final Mk-1A version,” the HAL chairman said. AESA radar provides superior detection, tracking and targeting capabilities.</p> <p>The contract for the 83 Mk-1A jets took the total number of LCA variants ordered to 123. The 40 LCAs already ordered by IAF are in the initial operational clearance (IOC) and the more advanced FOC configurations. The LCA Mk-1A will come with a raft of additional improvements over the FOC aircraft, making it the most advanced LCA variant so far.</p>

		Hubschrauber und Kipprotor-Flugzeuge
eurasiantimes.com 25.08.2021	RUS: Russia To Equip Its Ka-52 'Alligator' Attack Helicopters With Vikhr-M Anti-Tank Missiles	<p>Russia will equip its Ka-52 "Alligator" attack helicopters with Vikhr-M anti-tank missiles next year, the Commander of the Russian Aerospace Forces, Sergei Surovikin, said on Wednesday. "In 2022, we will install them [the missiles] on the helicopter," Surovikin said when asked by the defense minister when the "Alligator" will be equipped with Vikhr-M. In addition, Shoigu ordered to continue the modernization of equipment on Ka-52M helicopters, which will allow their crews to carry out military tasks without entering the firing range of enemy missiles. The two-seat Ka-52 helicopter is a developed version of the single-seat Ka-50 aircraft. It is designed for the elimination of enemy tanks, armored and unarmored vehicles, helicopters and manpower, as well as the reconnaissance of possible targets. The Vikhr-M is an upgrade of the Vikhr missile system that has improved combat capabilities.</p> <p>Earlier in August, Russian Helicopters JSC, part of Russia's state aerospace and defense conglomerate Rostec, has signed a deal with the country's Defense Ministry for the design and production of Ka-52M helicopters for the navy until 2023, the holding's CEO Andrey Boginsky told Sputnik. He noted that, as part of the previous R&D, Russian Helicopters JSC had already built four models of the Ka-52 helicopter, which conducted test-landings on the deck of the Russian Navy ships. Helicopters of the Ka-52 type are expected to be primarily based on the Project 23900 universal amphibious assault ships and helicopter carriers, which are currently under construction at the shipyard in Kerch, Crimea.</p>
janes.com 24.08.2021	RUS: Army 2021: Russian Helicopters presents upgraded Mi-171SH Storm for special forces	<p>Rostec's Russian Helicopters presented the upgraded Mi-171Sh Storm helicopter at the Army 2021 defence exhibition being held in Kubinka near Moscow from 22–28 August. Russian Helicopters said in a press release on 21 August that the aircraft had taken five days to fly the 5,000 km from its aviation plant in Ulan-Ude in eastern Siberia. The company said the helicopter is specially designed for special forces missions and is powered by engines for high-altitude flights. It also features a new rotor system with improved-profile composite main rotor blades and X-shaped tail rotor, an integrated flight and navigation system, and improved weapon suite and defence systems. The Mi-171Sh Storm has improved armour protection on the fuselage and its onboard defence system (ODS) can detect launches of anti-aircraft missiles with infrared and thermal homing heads, and jam them or deceive them with decoys, according to Russian Helicopters. The ODS can also detect enemy radars and determine their type, the direction of their emissions, and their operating mode. The crew, troops in the cargo cabin, and vital components are protected by a combination of titanium and aramid armour, with detachable lightweight kevlar armour on the cabin floor and on both sides of the helicopter up to the windows. In addition, the helicopter has energy-absorbing seats designed for hard landings.</p>

bellflight.com 11.08.2021	US Army: Bell 360 Invictus Build Makes Significant Progress for Army's FARA Prototype Competition	Bell Textron Inc. has released new data on the build and testing for the Bell 360 Invictus competitive prototype. The Bell 360 program is rapidly progressing through manufacturing, assembly, components testing, and systems integration work for the U.S. Army's Future Attack Reconnaissance Aircraft (FARA) program. The team has completed multiple design and risk reviews with the Army and is on schedule for all program requirements. <i>(Produktbeschreibung Bell 360 Invictus abrufbar unter: https://www.bellflight.com/products/bell-360)</i>
		Unbemannte Luftfahrzeuge (UAV) und Robotik
acc.af.mil 24.08.2021	USAF: 489th ATKS utilizes new MQ-9 Capability	The 489th Attack Squadron recently made history as the first attack squadron under the 432nd Wing/432nd Air Expeditionary Wing to utilize the MQ-9 Reaper's Automatic Takeoff and Landing Capability (ATLC) Aug 3, 2021, during a routine training flight. ATLC is a key enabler for MQ-9 Agile Combat Employment and is expected to change how the MQ-9 will be employed in theaters worldwide. Previously, all ACC MQ-9 takeoffs and landings utilizing ATLC were tested by the 556th Test and Evaluation Squadron. With their recent successes in testing, the capability has now moved to the operational phase of familiarizing with the units. As more and more aircrew learn to utilize the capability, it can be expected that it will spread to more squadrons in the Remotely Piloted Aircraft Enterprise.
defense.gouv.fr 24.08.2021	FRA: Barkhane: Reaper Block 5 reaches full operational capability	On August 17, the Block 5 Standard Reaper delivered for the first time a laser-guided GBU12 ammunition in an operational setting. The block 5 system has thus just taken a new step towards its full operational capability. It offers more powerful Intelligence, Surveillance and Reconnaissance (ISR) sensors and paves the way for improved kinetic capabilities. The next milestones will validate the reaper block 5 win of the GBU 49 and the Hellfire Missile.
tasnimnews.com 21.08.2021	IRN: New Iranian Drone Being Developed for Special Purposes	In comments on Saturday, Air Force Commander Brigadier General Aziz Nasirzadeh said his forces are developing Kaman-19 (bow-19) unmanned aerial vehicle for a special operation. He said a previous version of the drone, Kaman-12, has already been employed in a number of military drills, while Kaman-22 is also in the final stage of production. Pointing to the remarkable flight endurance and great range of Kaman-22, General Nasirzadeh said the homegrown drone has special features in terms of carrying combat cargo and

		conducting patrol and reconnaissance missions. He explained that Kaman-19 will enjoy higher service ceiling and be equipped with a special engine more suitable for reconnaissance. Known as Iran's first wide-body combat drone, Kaman-22 is equipped with various combat, optical and electronic warfare systems, has a flight endurance of over 24 hours and a range of 3,000 kilometers. In January, the Iranian Army staged a war game and flew new military suicide drones that can conduct nonstop sorties to hit targets at a range of 4,000 km.
stripes.com 20.08.2021	USN: Debut summer for Navy's Triton drones flying from Japan	A Navy MQ-4C Triton unmanned surveillance plane has launched around 20 missions this summer from northeast Japan, where it shares airspace with U.S. and Japanese military and commercial aircraft, according to one of the drone pilots. The Triton from Unmanned Patrol Squadron 19 at Naval Air Station Jacksonville, Fla., deployed from Guam to Misawa Air Base, Japan, in May. Another Triton, still on Guam, is also scheduled to deploy to Misawa, according to the Navy. The aircraft, on their first mission in Japan, support the 7th Fleet at Yokosuka Naval Base throughout its area of operations, which covers the vast Indo-Pacific region. The Tritons' mission coincides with the deployment of RQ-4 Global Hawk drones to Yokota Air Base, home of U.S. Forces Japan in western Tokyo. U.S. forces have temporarily deployed the Guam-based Global Hawks to Japan each summer since 2014 to avoid typhoons. Tritons, which the Navy has flown out of Guam since January 2020, are akin to Global Hawks but specialized for maritime, rather than land, surveillance.
sputniknews.com 20.08.2021	RUS: Russia Working on Airborne Launch and Recovery Drones	Russia's defence sector is busy building several new types of unmanned aerial vehicles, including a heavy drone bomber, long-range reconnaissance UAVs, and drone wingmen for its 4++ and fifth-generation fighter jets. The new equipment is expected to help the military even the playing field in an area where Russia has traditionally lagged behind. Russian drone manufacturer Kronshtadt Group is working on a new type of air-launched swarm UAV that will be able to take off from and return to airborne "motherships," General Director Sergei Bogatikov has revealed. As the "mothership" Kronshtadt is looking at the Ilyushin Il-76, the longtime workhorse strategic airlifter used by the Russian military, as one possible platform to carry the Molniya drones and serve as their mothership, according to Bogatikov.
northropgrumman.com 19.08.2021	USAF: Northrop Grumman Global Hawk Connects the Joint Force in Advanced Battle Management System Exercise	Northrop Grumman Corporation's RQ-4B Block 30 Global Hawk, with imagery and signals intelligence collection capabilities, was utilized by the United States Air Force during Advanced Battle Management System (ABMS) exercises for the United States European Command. Global Hawk plays a significant role in autonomous high-altitude, long-endurance systems in support of numerous missions. To meet future operational needs, Global Hawk can extend and connect beyond its traditional strategic ISR mission and serve as an airborne network edge node, providing persistent communications relay and secure processing

		without putting personnel in harm's way. These capabilities will be critical to helping realize the Department of Defense's Joint-All Domain Command and Control (JADC2) vision.
boeing.com 18.08.2021	USN: U.S. Navy, Boeing Score Another MQ-25 First with E-2D Refueling	<p>The U.S. Navy and Boeing have completed a second carrier-based aircraft unmanned refueling mission with the Boeing-owned MQ-25TM T1 test asset, this time refueling a Navy E-2D Hawkeye command and control aircraft. "This flight keeps us on a fast track to getting the Stingray out to the fleet where its refueling capability will greatly increase the range and operational flexibility of the carrier air wing and strike group." said Capt. Chad Reed, the Navy's Unmanned Carrier Aviation program manager. This is the second aerial refueling mission the MQ-25 team has conducted this summer. On June 4, the MQ-25 T1 test asset became the first unmanned aircraft to refuel another aircraft, a U.S. Navy Super Hornet.</p> <p>Once operational the MQ-25 will refuel every receiver-capable platform, including E-2. The MQ-25 Stingray TM will be assigned to the carrier airborne early warning squadron within the carrier air wing, which currently operates the E-2 C/D aircraft – known as the "digital quarterback" of the fleet for its role in joint battle management and command and control. Boeing is currently manufacturing the first two of seven MQ-25 test aircraft and two ground test articles currently under contract. The Boeing-owned MQ-25 T1 test asset is a predecessor to these aircraft.</p>
janes.com 18.08.2021	ETH: Ethiopia may have Iranian UAVs	Photographs of a visit by Ethiopian Prime Minister Abiy Ahmed to an airport in the northeastern province of Afar suggest his country's military has acquired unmanned aerial vehicles (UAVs) from Iran to use against the rebel Tigray Defence Force (TDF). The photographs of the visit were released by pro-government social media channels on 3 August and showed Abiy inspecting at least one UAV and its mobile ground control station (GCS) at Semera airport. The UAV could not be seen clearly, making it impossible to identify conclusively, but satellite imagery revealed that two aircraft with a wingspan of 10–11 m have been deployed to Semera. This fuelled speculation about the type of UAV Ethiopia has acquired, with analysts noting that both the Karayel made by the Turkish company Vestel and the Chinese GAIC Air Sniper are about this size.
defbrief.com 16.08.2021	USAF: US Air Force downselects two for Skyborg AI-enabled attributable UAV program	The US Air Force has decided on the final two contractors that will proceed to the next stage of the Skyborg Vanguard program that aims to integrate full-mission autonomy with low-cost, attritable unmanned air vehicle technology to enable manned-unmanned teaming. According to a service announcement, the Fighters and Advanced Aircraft program executive office recently awarded contracts worth up to \$13.2 million to Kratos and up to \$7 million to General Atomics for further work on the program.

		<p>Skyborg is an autonomy-focused capability that will enable the air force to operate and sustain low-cost, teamed aircraft that can thwart adversaries with quick, decisive actions in contested environments. The program will enable airborne combat mass by building a transferable autonomy foundation for a family of layered, unmanned air vehicles. Skyborg will not replace human pilots. Instead, it will provide them with key data to support rapid, informed decisions. In this manner, Skyborg will provide manned teammates with greater situational awareness and survivability during combat missions.</p>
<p>debka.com 14.08.2021</p>	<p>AFG: With Taliban at the gates of Kabul, Al Qaeda and ISIS also set for comeback</p>	<p>Largely unnoticed by the Western media, Taliban this week seized, along with territory, large number of advanced US ScanEagle intelligence-gathering .in the battle for Konduz.</p>
<p>ga-asi.com 11.08.2021</p>	<p>GA-ASI Avenger Equipped with Lockheed Martin Legion Pod Autonomously Follows Target Aircraft</p>	<p>For the first time ever on July 2, 2021, General Atomics Aeronautical Systems, Inc. used an Avenger® Unmanned Aircraft System equipped with a Lockheed Martin Legion Pod® to autonomously track and follow targets of interest. This industry-funded demonstration brings military aviators one step closer to gaining autonomous systems that support manned-unmanned teaming (MUM-T) in joint all-domain operations. During the flight, Legion Pod’s infrared search and track system, IRST21®, detected multiple fast-moving aircraft operating in the area and fed target tracking information to the Avenger’s autonomy engine. The autonomy prioritized the targets informing Avenger maneuvers for target engagement.</p> <p>This flight demonstrates a critical sensor capability that enables unmanned combat air vehicles like the Avenger to operate autonomously in Joint All-Domain Operations. The Legion Pod is designed to passively detect and track targets for tactical fighter pilots in radar-denied environments. This capability provides the data necessary to enable unmanned vehicles to track and engage hostile airborne targets without human intervention.”</p>
<p>defense.gouv.fr 29.07.2021</p>	<p>FRA/CHAMMAL: New technology at the service of the anti-drone fight in the Levant</p>	<p>New equipment recently received by the Anti-Drone Detachment (LAD), the Autonomous Anti-Drone Jammer (BADA) complements the equipment set up for the benefit of the personnel of the protection detachment on the Projected Air Base (BAP) in the Levant. With a capability to defend against drones, the jammer rifle responds to the emergence of a current threat. With a superior jamming ability in a wide range, the MULTI-FREQUENCY BADA jammer rifle is a real added value against a threat that continues to evolve.</p>

		Bewaffnung und weitere Nutzlasten
navair.navy.mil 25.08.2021	USN: Navy's AARGM-ER to enter production	The Navy's Advanced Anti-Radiation Guided Missile – Extended Range (AARGM-ER) received Milestone C (MS-C) approval Aug. 23, allowing the program to move into its first phase of production. The Navy plans to award the first two low-rate initial production lots over the next several months. Captive and live fire flight testing is planned to continue through 2022 and initial operational capability is planned for 2023. The Navy is integrating AARGM-ER on the F/A-18E/F and EA-18G, and it will be compatible for integration on the F-35. By leveraging the U.S. Navy's AARGM program, the AARGM-ER with a new rocket motor and warhead will provide advanced capability to detect and engage enemy air defense systems.
dsca.mil 25.08.2021	KOR: Precision Guided Munitions	The State Department has made a determination approving a possible Foreign Military Sale to the Republic of Korea of Precision Guided Munitions and related equipment for an estimated cost of \$258 million. The Republic of Korea has requested to buy three thousand nine hundred fifty-three (3,953) Joint Direct Attack Munition (JDAM) Guidance Kits, KMU-556 for GBU-31; one thousand nine hundred eighty-one (1,981) JDAM Guidance Kits, KMU-557 for GBU-31, GBU-56; one thousand one hundred seventy-nine (1,179) JDAM Guidance Kits, KMU-572 for GBU-38; and one thousand seven hundred fifty-five (1,755) FMU-139 Fuze Systems. Also included are DSU-42/B Detectors, Laser Illuminated Target for GBU-56 and weapon spare parts. The proposed sale will improve the Republic of Korea's capability to meet current and future threats by increasing available stores of munitions on the Korean Peninsula in support of Alliance Operations Plans (OPLANs), as well as to fulfill conditions outlined by the Condition-Based Operational Control (OPCON) Transition Plan.
afrl.af.mil 20.08.2021	USAF: Rapid Dragon conducts first system-level demonstration of palletized munitions	The Air Force Rapid Dragon Program, a fast-paced experimentation campaign led by the Air Force Strategic Development Planning and Experimentation office, has completed two more successful demonstrations during its first system-level flight tests of this potential new capability at White Sands Missile Range, New Mexico in July 2021. The tests assessed the operational utility of delivering long-range strike weapons en masse from military cargo aircraft, and showcased the ability for a Beyond-Line-of-Sight Command and Control node to transfer AGM-158B Joint Air-to-Surface Standoff Missile-Extended Range cruise missile (JASSM-ER) targeting data to airborne Air Force Special Operations Command and Air Mobility Command aircraft. The SDPE office, along with its partners, Air Force Futures, Air Force Special Operations Command, Air Mobility Command, U.S. Special Operations Command Det 1, and the 412th Test Wing, completed its first system-level flight test on EC-130SJ and C-17A aircraft.

		<p>The aircraft-agnostic Battle Management System onboard the aircraft received new targeting data and uploaded it to a JASSM-ER emulator. The JASSM-ER emulator successfully demonstrated the ability to retarget missiles while the aircraft was airborne. This set in motion the airdrop of the palletized weapon deployment system from each aircraft. While stabilized and descending under-chute, this new deployment system sequentially released multiple JASSM-ER mass simulants and demonstrated the ability to safely de-conflict the airspace between weapon release intervals. This capability can provide combatant commanders greater flexibility to respond in dynamic operational environments.</p> <p>The Rapid Dragon Program will complete a live-fire test with a production JASSM-ER from a cargo aircraft before the end of 2021. These tests will inform potential design refinement and accelerate the maturation of these systems for further capability experimentation and rapid fielding. A follow-on program will look at expanding the Rapid Dragon portfolio to include additional weapon systems and multiple effects capabilities.</p> <p>Rapid Dragon could ultimately lead to a roll-on, roll-off system that transforms mobility aircraft into lethal strike platforms that augment the strike capacity of tactical fighters and strategic bombers.</p>
<p>economictimes. indiatimes.com 20.08.2021</p>	<p>IND: DRDO develops advanced chaff technology for IAF to distract enemy's radar-guided missiles</p>	<p>According to a PTI report, DRDO has developed an advanced chaff technology, which is used to distract enemy's radar-guided missiles, to safeguard IAF fighter jets from enemy missiles. radar-guided missiles</p> <p>According to a PTI report, DRDO has developed an advanced chaff technology, which is used to distract enemy's radar-guided missiles, to safeguard IAF fighter jets from enemy missiles. "The importance of this (advanced chaff) technology lies in the fact that very less quantity of chaff material deployed in the air acts as decoy to deflect enemy's missiles for ensuring safety of the fighter aircraft," DRDO stated.</p>
<p>economictimes. indiatimes.com 17.08.2021</p>	<p>IND: Bharat Dynamics, MBDA sign pact to set up facility for Advanced Short Range Air-to-Air Missile (ASRAAM) at Bhanur</p>	<p>Bharat Dynamics and MBDA, a European missile maker are establishing a facility for the final assembly, integration and test (FAIT) of Advanced Short Range Air-to-Air Missile (ASRAAM) at Bhanur. Under the licensing agreement, MBDA will transfer the equipment and knowledge to BDL for establishing the facility. The facility is expected to commence operations by the year 2022-'23. ASRAAM is one of the "Within Visual Range" missiles available and BDL will be manufacturing these at its Bhanur unit here for the domestic and export in future through MBDA.</p> <p><i>(Produktbeschreibung ASRAAM abrufbar unter: https://www.mbda-systems.com/product/asraam/)</i></p>

<p>afrl.af.mil 17.08.2021</p>	<p>USAF: AFRL showcases new precision effects capability</p>	<p>he Air Force Research Laboratory concluded its Dialable Effects Munition demonstration program during a test of the experimental weapon July 28. The DEM, an Office of the Secretary of Defense-funded Joint Capability Technology Demonstration, aims to mature, demonstrate and transition technologies that enable a weapon's effects to be tailored dynamically in flight. This new capability will give the Department of the Air Force the ability to prosecute targets more effectively in high-end fights, which equates to greater mission flexibility. During the mission, an F-16 from the 96th Test Wing released a single DEM onto the target area. Prior to the weapon's release, the pilot programmed the DEM to conduct a precise lethal footprint attack from the cockpit. The precise lethal footprint attack focuses the weapons effects to a limited area where collateral damage could be a concern. Ultimately, the DEM achieved the mission as planned with evidence of its effectiveness visible throughout the target area. An earlier successful mission demonstrated the DEM's ability to conduct a wide area attack mission, which delivers effects across a large target area. Additionally, a sled test was conducted to confirm the weapon's perforation capability in late 2020.</p> <p>The DEM is a 2,000-pound munition containing a number of AFRL Munitions Directorate technologies as well as contributions from the Army Combat Capabilities Development Command and contractor partners including Faxon Machining and L3 Harris. DEM technologies include a pre-formed fragment warhead case, an electronic safe and arm device, distributed embedded firesets, and a precision height-of-burst sensor. These technologies control the weapon's lethal footprint, fragment speed and direction, while a Joint Direct Attack Munition tail kit guides the munition to the target.</p> <p>In effect, the pilot can select munition effects based on three critical mission areas: An Area Attack effect that detonates high above the target for maximum dispersed effects over the area where collateral damage is not an issue; A Precise Lethal Footprint effect that detonates lower over the target to confine effects to a small area for low-collateral damage; and a Surface Target Perforation effect that detonates after the weapon punches through a structure.</p>
		<p>Air Power</p>
<p>taiwannews.com.tw 26.08.2021 23:00 PM</p>	<p>TWN/CHN:</p>	<p>Two anti-submarine aircraft that intruded into Taiwan's air defense identification one (ADIZ) on Thursday (Aug. 26), included a Harbin Z-9 anti-submarine warfare helicopter (Z-9 ASW) for the first time. On Thursday, the Ministry of National Defense (MND) reported that one Z-9 ASW and one Shaanxi Y-8 anti-submarine</p>

	Chinese Z-9 helicopter penetrates Taiwan's ADIZ for 1st time	warfare aircraft (Y-8 ASW) penetrated into the southwestern corner of Taiwan's ADIZ. The presence of the Z-9 ASW helicopter was significant because it is the first time that the MND has announced an intrusion by the aircraft in Taiwan's ADIZ.
defenseone.com 26.08.2021 10:12 AM	USA/AFG: Explosion Outside Kabul Airport, Pentagon Says; No Word on Casualties	<p>An explosion has occurred at Hamid Karzai International Airport in the final days of U.S. evacuation operations there, the Pentagon said Thursday. Few details were available on the explosion, which occurred outside one of the gates, according to Pentagon press secretary John Kirby. "We can confirm an explosion outside Kabul airport. Casualties are unclear at this time. We will provide additional details when we can," Kirby said via tweet. To date, U.S. military and chartered aircraft have evacuated 101,300 people from Kabul, and almost 96,000 of those were airlifted out in just the last 12 days. But the window to get out is quickly closing, with rising security threats from ISIS-K and embassies shutting down their evacuation operations in the next 24 to 48 hours.</p> <p><i>(Ergänzende Information cnn.com vom 26.08.2021 19:10 PM: Pentagon press secretary John Kirby tweeted that he can confirm that "a number" of US service members have been killed in the airport attack. The official also said "a number of others" are being treated for wounds. He noted that the US is also aware that Afghans "fell victim" to this attack. He did not provide exact numbers.)</i></p> <p><i>(Ergänzende Information stripes.com vom 26.08.2021: The attacks come after U.S. evacuation numbers slowed down after three consecutive days of exceeding its goal of moving 5,000-9,000 people per day from Kabul. Military aircraft lifted 5,100 people out of the country on Thursday, the White House said, compared to 11,200 people Tuesday, 12,700 on Monday, and 11,000 on Sunday.)</i></p> <p><i>(Ergänzende Information thehill.com vom 27.08.2021 01:31 MS: Multiple explosions rocked Kabul, Afghanistan, on Thursday, killing 13 American service members and at least 60 Afghans, as well as injuring 14 other U.S. troops and more than 140 Afghan civilians.)</i></p>
taiwannews.com.tw 26.08.2021 09:20 AM	TWN/CHN: Chinese military spotter plane enters Taiwan's ADIZ	A single People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 anti-submarine warfare plane flew into the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND), marking the 10th intrusion this month.
reuters.com 25.08.2021 11:57 PM CEST	GBR: UK says it has evacuated over 11,000 people from Afghanistan	The United Kingdom said on Wednesday it has evacuated more than 11,000 people from Afghanistan, adding that the evacuation process will run as long as the security situation allows and that no firm date had been set for the end of evacuation flights.

airforcemag.com 24.08.2021	USAF: B-2s from Whiteman Deploy to Iceland for Bomber Task Force	A trio of B-2s from Whiteman Air Force Base, Mo., arrived in Iceland on Aug. 24, ahead of a Bomber Task Force mission in which they will conduct training across Europe and Africa. The bombers and their crews, from the 509th Bomb Wing, will integrate with NATO allies and regional partners during their deployment.
voanews.com 24.08.2021	TUR: Reported Turkish Drone Attacks Over Syria Raise Kurdish Concerns	U.S.-backed Kurdish forces in Syria say they are increasingly concerned about a wave of Turkish drone attacks against their commanders in northeast Syria. Turkey reportedly carried out dozens of airstrikes last week, including several with unmanned aerial vehicles, against positions belonging to the Syrian Democratic Forces (SDF), a Kurdish-led military alliance that has been a major U.S. partner in the fight against the Islamic State group, also known as IS or ISIS.
news.defence.gov.au 24.08.2021	AUS: Extending our reach across oceans	Air-to-air refuelling is essential to Air Force capabilities; extending the reach of combat aircraft across vast distances. With some help from Australia's coalition partners, EA-18G Growlers, from No. 6 Squadron, were able to successfully make the 11,400km journey across the Pacific Ocean to Eielson Air Force Base, Alaska, United States for Exercises Red Flag Alaska 21-3 and Distant Frontier 21. United States Air Force KC-10 Extender and KC-135 Stratotanker aircraft provided support to the RAAF Growlers with air-to-air refuelling during the second leg of the journey to Alaska, between Andersen Air Force Base, Guam, and Hickam Air Force Base, Hawaii. The United States KC-135 was used to provide additional fuel to the KC-10, which then provided a total of 164,000-pounds of fuel to the No. 6 Squadron Growlers over the eight-hour, 6000km flight.
taiwannews.com.tw 24.08.2021 09:33 AM	TWN/CHN: Two Chinese military turboprops enter Taiwan's ADIZ	Two Chinese military planes entered Taiwan's air defense identification zone (ADIZ) on Monday, marking the ninth intrusion this month. A People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 electronic warfare plane and a Shaanxi Y-8 anti-submarine warfare aircraft flew into the southwestern corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, broadcast radio warnings, and deployed air defense missile systems to track the PLAAF planes.
@IAFsite 24.08.2021 00:30 AM	ISR/GAZA: IAF strikes HAMAS targets	A short while ago, fighter jets struck a Hamas weapons manufacturing site in Khan Yunis as well as terror tunnel entrance in Jabalia. A Hamas underground rocket launch site that is located adjacent to civilian homes and a school in Shejaiya, was also struck. The strikes were in response to Hamas launching incendiary balloons into Israeli territory earlier today, another example of how Hamas continues to employ terror tactics and target civilians. Israel holds the Hamas terror organization responsible for all activity within the Gaza Strip and will continue to respond forcefully to any terror attempts emanating from Gaza.

		<p>(Einsatzvideo abrufbar unter: https://www.ipost.com/breaking-news/idf-strikes-gaza-in-response-to-incendiary-balloons-report-677536)</p>
<p>defenseone.com 23.08.2021 10:21 AM ET</p>	<p>USA: US Flights Out of Afghanistan Set to ‘Increase Significantly’ as Aug. 31 Deadline Nears</p>	<p>The U.S. Air Force has more than 230 cargo planes, tankers, and other aircraft now committed to the massive airlift underway in Kabul and evacuation flights are expected to “increase significantly” in the coming hours, as the U.S. races to get people out before Aug. 31, according to a defense official. On Monday, the Taliban announced that they consider Aug. 31 a “red line” for when U.S. forces must depart, even as President Joe Biden said Sunday he is considering extending that deadline.</p> <p>Air Mobility Command has called up aircraft and crews across its platforms, including C-130 Hercules, C-5 Galaxy and C-17 Globemaster III cargo aircraft. The C-17s and C-130s are flying into Kabul, while C-5s are bringing supplies elsewhere in the theater. KC-46 tankers are refueling aircraft along the U.S. Atlantic seaboard. Some KC-10 and KC-135 tankers are not refueling the airlifters, but have been reconfigured to haul people themselves, by installing seat pallets.</p> <p>On Sunday, Defense Secretary Lloyd Austin ordered the activation of the Civil Reserve Air Fleet, adding at least 18 aircraft from American Airlines, Delta Air Lines, United Airlines, Omni Air, Atlas Air, Hawaiian Airlines and Southwest Airlines to bring evacuees from staging bases in the Middle East and Europe, and on to bases inside the United States.</p> <p>To date, Air Force planes have airlifted more than 30,000 people from the airport, which is being secured by Marines and soldiers from the 10th Mountain Division and 82nd Airborne Division. An estimated 20,000 are now on the airport grounds trying to board both U.S. military and commercial aircraft. Thousands more Afghans and U.S. personnel are still elsewhere in Taliban-controlled Afghanistan.</p> <p><i>(Ergänzende Information defenseone.com vom 23.08.2021: The U.S. evacuated about 11,000 people over a 30-hour stretch this weekend, the president said Sunday. Indeed, "In one 24-hour period this weekend, 23 U.S. military flights—including 14 C-17s, 9 C-130 flights—left Kabul carrying 3,900 passengers." However, he added, "That number will change day to day as the air and ground operations in Kabul vary." So far, nearly 28,000 people have been evacuated since August 14. That includes U.S., coalition, and civilian flights. And since July, nearly 33,000 people have made it out of Afghanistan, according to Biden.)</i></p> <p><i>(Ergänzende Information defenseone.com vom 23.08.2021 01:26 PM: Military, commercial, and contracted aircraft have evacuated 16,000 people from Kabul in the last 24 hours, Pentagon officials said, underscoring the still-quickening race to withdraw Americans, allied partners, and Afghans before an Aug. 31 deadline. The Air Force has</i></p>

		<p><i>committed more than 230 cargo planes, tankers, and other aircraft to the massive airlift underway from Kabul. The pace of evacuation flights is expected to rise again in coming hours.</i></p> <p><i>(Ergänzende Information defenseone.com vom 24.08.2021: Almost 64,000 people have been evacuated or relocated out of Kabul since July. The latest White House metrics revealed 21,600 people were evacuated in the past 24 hours. They exited on 37 different U.S. military flights—32 C-17s and 5 C-130s—which carried approximately 12,700 evacuees; 57 additional coalition flights carried another 8,900 people out of the Afghan capital. (Pentagon officials on Monday said 42,000 people had been evacuated at that point; Tuesday's 21,600 total brings the latest figures to 63,900 people, according to the White House.)</i></p> <p><i>(Ergänzende Information emailalerts.cnn.com vom 24.08.2021 22:10 PM: The first US troops have started leaving Afghanistan on the same day President Joe Biden decided not to extend the August 31 evacuation deadline, two defense officials told CNN. "So far, the reduction does not affect the mission," one of the officials said, adding that the commander on the ground can decide what military personnel are in units that are no longer required. That decision can be based on a few factors, including the number of gates open at the airport, the number of people coming through and more.)</i></p> <p><i>(Ergänzende Information thehill.com vom 26.08.2021 02:05 AM MS: The Pentagon on Wednesday said 19,000 people were evacuated from Afghanistan in the past 24 hours, bringing the total number to roughly 82,300 evacuees out of Kabul since the country fell to the Taliban on Aug. 15, and 88,000 since the end of July. Over a 24-hour period beginning early Tuesday morning, 42 U.S. military flights carrying about 11,200 evacuees and 48 coalition flights carrying another 7,800 people left the Hamid Karzai International Airport (HKIA) in Kabul. The pace equated to a plane every 39 minutes leaving the airport, where more than 10,000 people are still waiting for a flight out of the country.⁷</i></p>
<p>taiwannews.com.tw 23.08.2021 10:51 AM</p>	<p>TWN/CHN: Chinese military turboprop enters Taiwan's ADIZ</p>	<p>A Chinese military aircraft entered Taiwan's air defense identification zone (ADIZ) on Sunday afternoon (Aug. 22), marking the eighth intrusion this month. A People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 anti-submarine warfare plane flew into the southwest corner of the ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, issued radio warnings, and deployed air defense missile systems to track the PLAAF plane.</p>
<p>aviationweek.com 22.08.2021</p>	<p>USAF: Coalition Fighter Shoots Down UAS In Northeast Syria</p>	<p>A Coalition aircraft shot down an unmanned aircraft system (UAS) with an AIM-9X Sidewinder air-to-air missile near a U.S. military base in eastern Syria on Aug. 21, U.S. Central Command told Aviation Week. "The UAS was deemed a threat and self-defense measures were taken," a Central Command spokesman told Aviation Week. The ownership and identity of the UAS is not being released.</p>

		<p><i>(Ergänzende Information jpost.com vom 22.08.2021: In May 2021, Israel released video that showed an F-16 fighter jet shooting down an armed suicide drone that was flown from Gaza, an Iranian-style kamikaze drone. An Apache helicopter shot down an Iranian drone that flew from the T-4 base in Syria in February 2018 and another Iranian drone was downed near Beit Shemesh in May 2021. Drones are relatively easy to shoot down by manned aircraft because they tend to fly slow. In February 2009, the US army shot down an Iranian drone in Iraq, apparently using an aircraft, while in 2002 Iraqi Air Force pilots also shot down an American Predator Drone. Serbian air defense also downed US drones during conflict in the Balkans in the 1990s. Russia shot down a number of drones flown by George in 2008.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 23.08.2021: A Fox News journalist reported that the drone was Iranian, and was shot down “after flying ‘too close’ to some of the 900 US troops deployed” in eastern Syria.)</i></p>
jpost.com 22.08.2021 05:36 AM	ISR/GAZA: IDF attacks in Gaza in response to border shooting of police officer	<p>The IDF carried out airstrikes within the Gaza Strip on Saturday night after a Border Police officer was critically injured during the riots along the border fence. Fighter planes targeted four different sites throughout Gaza which were manufacturing and storing weapons, the IDF announced shortly after the attacks. The IDF also reinforced its Iron Dome missile-defense unit, according to Israeli media.</p> <p><i>(Zielvideo abrufbar unter: https://twitter.com/IAFsite/status/1429302364792659969)</i></p>
voanews.com 21.08.2021	USA/AFG: White House: US Has Evacuated 17,000 From Kabul in Past Week	<p>The U.S. military evacuated about 3,800 people from Hamid Karzai International Airport in Kabul in the past 24 hours, the White House announced Saturday, and 17,000 since August 14, the Saturday before the Taliban entered Kabul. The White House said a total of about 22,000 people had been evacuated since the end of July. Among the 17,000 evacuated over the past week were 2,500 Americans, Army Major General William Taylor said Saturday at a Pentagon media briefing.</p> <p><i>(Ergänzende Information reuters.com vom 22.08.2021: An Afghan woman gave birth on board a U.S. evacuation plane on Saturday, moments after landing at Ramstein Air Base in Germany, the U.S. Air Force said. The woman delivered a baby girl in the cargo bay of an Air Force C-17 aircraft after going into labor and experiencing complications during the flight, U.S. Air Mobility Command said on Twitter. “The aircraft commander decided to descend in altitude to increase air pressure in the aircraft, which helped stabilize and save the mother’s life,” the tweet said.)</i></p>
taiwannews.com.tw 20.08.2021 13:26	TWN/CHN: Chinese H-6 bomber intrudes into Taiwan’s ADIZ	<p>A People’s Liberation Army Air Force (PLAAF) Xian H-6 strategic bomber flew into the southwestern corner of Taiwan’s ADIZ from the south, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, broadcast radio warnings, and deployed air defense missile systems to track the PLAAF bomber.</p>

		<p>Chinese planes have been spotted in Taiwan's identification zone so far this month on Aug. 8, 11, 12, 15, 16, 17, and 19. While last month all the planes sent into the zone were slow-flying Y-8 turboprops, this month has seen a mix of spotter planes and warplanes.</p>
<p>timesofisrael.com 19.08.2021 11:53 PM</p>	<p>SYR/ISR: Explosions rock Syria in alleged Israeli airstrikes on Hezbollah arms depots</p>	<p>Syrian air defenses were activated against Israeli missile attacks on sites near Damascus and Homs, Syrian state media reported late Thursday, citing a military source. Loud explosions shook the Syrian capital during the reported air strikes, two days after the Israeli military reportedly conducted twin missile strikes on a Syrian army base and an outpost controlled by the Lebanese terror group Hezbollah. A military source said the missiles had come from the direction of Beirut in neighboring Lebanon just after 11 p.m. The Syrian Observatory for Human Rights, a UK-based war monitor linked to the Syrian opposition, claimed the strikes had targeted weapons depots and military sites belonging to Hezbollah. Blasts could be heard in videos distributed by SANA, which showed what appeared to be missiles streaking across the sky.</p> <p><i>(Ergänzende Information timesofisrael.com vom 20.08.2021 05:50 AM: Lebanon complained to the United Nations after Israeli jets allegedly violated its airspace to carry out an airstrike on targets in Syria late Thursday, Beirut's defense minister said. Zeina Akar said Israeli planes "blatantly violated Lebanon's airspace at low altitude, causing a state of panic among citizens.")</i></p> <p><i>(Ergänzende Information jpost.com vom 20.08.2021 19:27 PM: Four Syrian civilians were killed after regime air defenses responded to an alleged Israeli airstrike targeting sites in the Qalamoun Mountains near the capital of Damascus. According to Halab Today news, the four were killed when regime missiles fell on residential areas in the town of Qara. Hezbollah affiliated al-Manar reported another three people were injured. The Syrian Arab Army (SAA) fired over ten anti-aircraft missiles towards Israeli jets who struck targets belonging to Iranian-backed militias overnight on Thursday.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 21.08.2021 01:46 AM: Rear Adm. Vadim Kulit, head of the Russian military's Reconciliation Center in Syria, said six Israeli fighter jets targeted facilities in the provinces of Damascus and Homs from Lebanon's airspace late Thursday. Kulit said Syrian air defense units downed 22 of the 24 missiles launched by the Israeli warplanes with Russia-supplied air defense systems Pantsyr-S and Buk-M2. There was no immediate reaction from Israel, which rarely comments on its military operations in Syria.)</i></p> <p><i>(Ergänzende Information jpost.com vom 22.08.2021 17:23 PM: But Syrian air defenses also fired wildly, with shrapnel and debris falling over Jordan and Israel, according to varying reports. This was apparently debris from a Syrian S-200. Two commercial airliners also had to divert during the Syrian air-defense operations.)</i></p>

<p>ac.nato.int 18.08.2021</p>	<p>NATO/POL: Polish F-16 jets to ensure NATO Air Policing over Iceland</p>	<p>The Polish Air Force deployment will consist of airmen, auxiliary personnel and four F-16 fighter aircraft assigned to the 32 Tactical Air Force Base, located in Łask, Poland, that will operate out of Keflavik Air Base, Iceland for three weeks in September 2021. This is the first time for Polish fighter aircraft to join the NATO mission in the High North.</p>
<p>raf.mod.uk 17.08.2021</p>	<p>GBR/ROU/RUS: RAF Typhoons in Romania intercept Russian Fighter SU-24 Fencer</p>	<p>RAF Typhoons on Quick Reaction Alert based in Romania with 121 Expeditionary Air Wing have scrambled to intercept a Russian fighter SU-24 flying in International Airspace over the Black Sea. Operating out of the Romanian Mihail Kogalniceanu Air Base near Constanta on the Black Sea coast, RAF Typhoons on the NATO Enhanced Air Policing mission scrambled on 17th August as the Russian aircraft was detected entering the Bucharest Flight Information Region and heading towards Romanian territorial airspace. As with many Russian Military sorties the aircraft had not filed a Flight plan and was not speaking with Romanian Air Traffic Control so making it a flight safety hazard to all air users. Alongside other NATO Allies that have been carrying out this mission on a rolling basis since 2017, the UK has been providing Quick Reaction Alert assistance to enhance the Air Policing carried out by the Romanian Air Force's own fleet of fast-jet aircraft since May. Romania is equipped with MiG -21LanceR and the American built F-16 aircraft.</p>
<p>airforcemag.com 17.08.2021</p>	<p>AFG: 9 C-17s Arrive in Afghanistan to Help with Evacuations</p>	<p>Nine C-17s flowed into Kabul overnight after the international airport opened, carrying in more U.S. troops for security and conducting evacuations of American, Afghan, and other third-country people following a chaotic day at the last U.S.-controlled position in Afghanistan. In addition to U.S. C-17s, international aircraft including United Kingdom and Australian C-130s and a French A400M have operated from the airport, according to reports and flight tracking data.</p> <p><i>(Ergänzende Information defenseone.com vom 17.08.2021: The U.S. is ramping up its airlift for Americans and Afghans fleeing the Taliban and will be able to evacuate 5,000 to 9,000 people per day, Pentagon press secretary John Kirby said Tuesday.)</i></p>
<p>tass.com 17.08.2021 16:12 PM</p>	<p>RUS: Russian Tu-95MS strategic bombers perform scheduled flight over Sea of Japan</p>	<p>Russian Tu-95MS strategic bombers have performed routine flights over the neutral waters of the Sea of Japan, the Russian defense ministry said on Tuesday. The flight lasted for around nine hours. "The bombers were escorted by Su-35S fighter jets of the Eastern Military District," the ministry said. According to the ministry, all flights of the Russian aerospace forces are performed in strict compliance with the international rules of the use of airspace. Russian long-range aircraft regularly fly over neutral waters of the Arctic, North Atlantic, Black and Baltic Seas, and the Pacific Ocean.</p>

<p>israelradar.com 17.08.2021</p>	<p>ISR/SYR: IDF Allegedly Bombs Sites in Syria After Border Incident</p>	<p>Israel bombed military targets on the Syrian side of the Golan Heights Tuesday evening, local sources reported. The IDF targeted a Hezbollah or Iranian observation post as well as a Syrian army facility according to some reports. At least two missiles were fired in the attack, which was apparently carried out by the Air Force from Israeli territory. The strike comes after 12 armed and masked Syrian soldiers approached the Israel border fence Sunday night. The troops proceeded to train near an IDF outpost in an area without a border fence.</p> <p><i>(Ergänzende Information jpost.com 17.08.2021: Explosions were heard in Quneitra, Syria at approximately 9 p.m., Syrian Arab News Agency (SANA) reported. Syrian media claimed Israel was behind the explosions. Arab news agencies report that an Israeli missile attack targeted the Qir al-Nafl area, west of the town of Hader in the northern countryside of Quneitra. Kan reported that there were two missiles launched toward the target.)</i></p> <p><i>(Ergänzende Information jpost.com vom 18.08.2021 10:46 AM: Israel struck a military outpost near Quneitra late on Tuesday night, Syrian media reported. The state-run SANA news agency said that two missiles were fired in the strike "west of the town of Hadr in the northern Quneitra countryside." Video sent to The Jerusalem Post and shared on social media showed a missile flying in the air before exploding. The video was taken from the town of Magdal Shams, which is on the Israeli side of the border in the Golan Heights. According to the Syrian Observatory for Human Rights, the strike targeted the post that belonged to Iranian-backed militias including the Lebanese Shi'ite terror group Hezbollah near the Druze town of Hadr. Hadr lies just approximately 3 km. from the border between the two countries, on the Golan Heights in the Quneitra province. Pro-opposition sources were quoted as saying that two sites were hit, one belonging to Hezbollah and the other being the office of Syrian First Division 90th Brigade commander Brig.-Gen. Hussein Hamoush. The IDF doesn't comment on foreign reports, but in May, it dropped leaflets accusing the Syrian Arab Army of cooperating with Hezbollah and explicitly named Hamoush as working with the head of the group's operations on the Golan, Hajj Hashem.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 18.08.2021 06:27 PM: The Israel Defense Forces reportedly dropped threatening pamphlets in southern Syria on Wednesday, warning Syrian soldiers to stop cooperating with Hezbollah, hours after reportedly conducting twin missile strikes on a Syrian military base and an outpost controlled by the Lebanese terror group. The flyers, which were written in Arabic and addressed to "Syrian [Arab] Army soldiers," matched the style of similar leaflets that have been dropped in Syria in the past and included the silhouette of an eagle — the symbol of the IDF's 210th "Bashan" Division, which is tasked with defending Israel's frontier with Syria and the Golan Heights. The IDF refused to comment on the matter.)</i></p>
<p>@IAFsite 17.08.2021</p>	<p>ISR:</p>	<p>For the first time: IAF "Shimshon" (C-130J Super Hercules) aircraft dropped 16 tons of fire retardant as part of the IAF's effort to assist in putting out the wildfires in the Jerusalem Hills. The decision was made after a joint situational assessment with the IDF, Israeli Police, and Israeli Fire and Rescue Services. The military</p>

	<p>Firefighting with the IAF "Shimshon" (C-130J Super Hercules) aircraft</p>	<p>support included Home Front Command firefighters, IAF aircraft providing a real-time situational image of the fires, and soldiers from the IDF Search and Rescue Brigade. Additionally, the IAF's Cooperation Unit created a command center to coordinate the aerial activity of the operation. The IAF's Airborne Combat Search-and-Rescue Unit 669 is on call to perform evacuations if necessary.</p> <p><i>(Eindrückliches Einsatzvideo abrufbar unter: https://www.youtube.com/watch?v=vkONWdprz_w)</i></p>
<p>reuters.com 17.08.2021</p>	<p>CHN/TWN: China holds assault drills near Taiwan after 'provocations'</p>	<p>China carried out assault drills near Taiwan on Tuesday, with warships and fighter jets exercising off the southwest and southeast of the island in what the country's armed forces said was a response to "external interference" and "provocations". A senior official familiar with Taiwan's security planning told Reuters that China's air force had carried out a "capturing air supremacy" drill, using their advanced J-16 fighters. "In addition to seeking air supremacy over Taiwan, they have also been conducting frequent electronic reconnaissance and electronic interference operations," the person said. Taiwan believes China is trying to gather electronic signals from U.S. and Japanese aircraft so that they can "paralyse reinforcing aircraft including F-35s in a war", the source said, referring to the U.S.-operated stealth fighter. Taiwan's Defence Ministry said 11 Chinese aircraft entered its air defence zone, including two nuclear-capable H-6K bombers and six J-16 fighters, and that it had scrambled jets to warn China's planes away. While the Chinese statement gave no exact location for the drills, Taiwan's Defence Ministry said the aircraft flew in an area between mainland Taiwan and the Taiwan-controlled Pratas Islands at the top part of the South China Sea.</p> <p><i>(Ergänzende Informationen taiwannews.com.tw vom 17.08.2021 21:20: On Tuesday 17.08.2021, the Ministry of National Defense (MND) reported that one Shaanxi Y-8 anti-submarine warfare plane (Y-8 ASW), one Shaanxi Y-8 electronic warfare plane (Y-8 EW), one Shaanxi KJ-500 airborne early warning and control aircraft (AEW&C), six Shenyang J-16 fighter jets, and two Xian H-6K bombers penetrated into the southwestern corner of Taiwan's ADIZ.)</i></p> <p><i>(Und die offizielle Version China's abrufbar unter globaltimes.cn vom 17.08.2021 08:52 PM: https://www.globaltimes.cn/page/202108/1231745.shtml)</i></p>
<p>taiwannews.com.tw 17.08.2021 10:54</p>	<p>TWN/CHN: Chinese military turboprop intrudes into Taiwan's ADIZ</p>	<p>A People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 anti-submarine warfare plane entered the southwest corner of the ADIZ. In response, Taiwan sent aircraft, issued radio warnings, and deployed air defense missile systems to track the PLAAF plane, according to the Ministry of National Defense (MND). This month, Chinese planes have been tracked in the identification zone on Aug. 8, 11, 12, 15, and 16. Most of the aircraft have been slower-flying Y-8 turboprops, consisting of anti-submarine warfare variants (four), electronic intelligence variants (two), and electronic warfare variants (one).</p>

<p>reuters.com 17.08.2021 06:16 PM CEST</p>	<p>AFG/UZB: Uzbekistan says hundreds of Afghan soldiers flee over border with dozens of aircraft</p>	<p>Hundreds of Afghan soldiers have fled to Uzbekistan with 22 military planes and 24 helicopters last weekend, including one aircraft that collided with an escorting Uzbek fighter jet causing both to crash, Uzbekistan said on Monday.</p>
<p>@IAF site 16.08.2021 12:49 PM</p>	<p>ISR/GAZA: A rocket was just fired from Gaza into Israel</p>	<p>Following sirens that sounded in the city of Sderot and the area surrounding the Gaza Strip, one rocket was fired from the Gaza Strip into Israeli territory. Iron Dome Air Defense soldiers intercepted the rocket.</p> <p><i>(Ergänzende Information timesofisrael.com vom 16.08.2021 02:21 PM: Palestinian terrorists fired two rockets from the Gaza Strip toward the town of Sderot on Monday afternoon. The Iron Dome missile defense system intercepted one of the rockets, while the second landed inside the Gaza Strip. The attack triggered sirens in Sderot, as well as the communities of Ivim, Nir Am and Erez in the Sha'ar Hanegev region of southern Israel, according to the Israel Defense Forces.)</i></p>
<p>defense.gouv.fr 16.08.2021</p>	<p>FRA: Operation to evacuate nationals in Afghanistan</p>	<p>Faced with the deterioration of the security situation and on the order of the President of the Republic, the Armed Forces launched operation APAGAN to evacuate nationals in Afghanistan. Two Air and Space Force transport aircraft, a C130 and an A400M, with cargo and personnel on board, will take off tonight and tomorrow morning for Al Dhafra Air Base 104 (BA104) in the United Arab Emirates (UAE). Reinforced by soldiers of the French forces stationed in the United Arab Emirates, the joint arrangement comprising elements of protection, air transit, reception, medical support and command and coordination will carry out norias between Abu Dhabi and Kabul airport. The first rotation is scheduled for August 16.</p>
<p>bundeswehr.de 16.08.2021</p>	<p>DEU/AFG: Afghanistan: Bundeswehr bringt deutsche Staatsangehörige und Ortskräfte in Sicherheit</p>	<p>An Bord der drei Luftfahrzeuge des Typs A400M, die am Montag in den frühen Morgenstunden aus Wunstorf über ein Drittland Richtung Kabul starteten, sind ein Krisenunterstützungsteam, ein Air Mobile Protection Team und Fallschirmjäger. Der Fokus liegt auf der Evakuierung der deutschen Botschaft in der afghanischen Hauptstadt, bei der die Soldaten unterstützen. Ein weiteres Team der Bundeswehr reist mit einem Airbus A310 der Luftwaffe in ein sicheres Drittland, um von dort aus beim weiteren Transport zu unterstützen und gegebenenfalls die medizinische Versorgung sicherzustellen. Die Bundeswehr bringt die Evakuierten zunächst in ein sicheres Drittland. Von dort aus werden alle weiteren Schritte zum Weitertransport nach Deutschland durch das Auswärtige Amt koordiniert.</p> <p><i>(Ergänzende Information defenseone.com vom 16.08.2021: A U.S. Air Force C-17 Globemaster III safely evacuated some 640 Afghans from Kabul late Sunday to Qatar, according to U.S. defense officials and photos obtained by Defense One. That's believed to be among the most people ever flown in the C-17, a massive military cargo plane that</i></p>

		<p><i>has been operated by the U.S. and its allies for nearly three decades. Flight tracking software shows the plane belongs to the 436th Air Wing, based at Dover Air Force Base in Delaware. The C-17, using the call sign Reach 871, was not intending to take on such a large load, but panicked Afghans who had been cleared to evacuate pulled themselves onto the C-17's half-open ramp, one defense official said.)</i></p> <p><i>(Ergänzende Information jpost.com vom 16.08.2021 22:29 PM: The first of three German evacuation planes en route to Afghanistan diverted to the Uzbek capital Tashkent after it could not land at Kabul airport, a German general said on Monday. A foreign ministry spokesperson said earlier in Berlin that no evacuation flights were leaving Kabul airport because desperate people trying to flee the country were blocking the runway.)</i></p> <p><i>(Ergänzende Information reuters.com vom 16.08.2021 11:04 PM CEST: A German military aircraft has landed in Kabul to evacuate foreign nationals and local Afghan staff, security sources told Reuters late on Monday. The A400M was to load people to be evacuated and take them to the Uzbek capital, Tashkent, one source said, adding passengers would travel on in civilian aircraft from there. The German military uses Tashkent as a hub for its air bridge to Kabul. The German government has pledged to bring as many foreign nationals and local staff as possible out of Afghanistan while the airport is still open.)</i></p> <p><i>(Ergänzende Information reuters.com vom 16.08.2021 06:35 PM CEST: U.S. forces are working with Turkish and other international troops to clear Kabul airport to allow evacuation flights to resume, Pentagon spokesman John Kirby said on Monday. Kirby said no flights were currently coming or going from the airport out of an abundance of caution and he did not know when they would resume, but U.S. forces had control of air traffic control at Kabul.)</i></p> <p><i>(Ergänzende Information military.com vom 20.08.2021: The Air Force said Friday that Reach 871, the C-17 Globemaster III flight from Afghanistan packed with evacuees in an instantly iconic photo, carried 823 Afghan civilians, nearly a couple hundred more than initially reported. The Air Force at first said that 640 Afghans were on the Sunday flight, as reported by Defense One. But after the flight crew appeared on CNN, Air Mobility Command spokeswoman Maj. Hope Cronin said on Twitter that number accounted only for the adult passengers, adding that there were also 183 children on board.)</i></p>
<p>airforcetimes.com 12.08.2021</p>	<p>CENTCOM: US, coalition airstrikes in CENTCOM region plummet amid withdrawal plans</p>	<p>Though the United States is still dropping ordnance on the Taliban and Islamic State group, the pace of U.S.-led airstrikes in the Middle East has slowed considerably in 2021. Reconnaissance flights appear to be tapering off as well, according to new figures provided to Air Force Times. Since Jan. 1, manned and unmanned American and coalition aircraft have conducted more than 400 airstrikes across the Middle East in a sporadic yet enduring campaign to help local militaries keep the Taliban, Islamic State and other militias at bay, Air Forces Central Command said Aug. 6. Coalition assets have fired more than 1,100 munitions so far this year — a fraction of the volume in recent years, according to AFCENT. U.S. AC-130 gunships, B-52 bombers, F-15 fighter jets and drones are in action across Afghanistan, hoping to slow the Taliban's stunning</p>

		<p>sweep through the country to take control of 10 provincial capitals so far in August, the AP and Task and Purpose reported this week.</p> <p>About one-third of the airstrikes so far this year were part of an offensive against the Islamic State alongside Iraqi security forces in March. "Aircraft from the U.S. and three additional coalition partners conducted 133 precision airstrikes in [the] Qarachogh mountain range, destroying 61 hideouts, 24 caves and eliminating a number of terrorists," spokesperson 1st Lt. Joshua Sinclair said in an Aug. 6 email.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.airforcetimes.com/news/your-air-force/2021/08/12/us-coalition-airstrikes-in-centcom-region-plummet-amid-withdrawal-plans/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2008.13.21&utm_term=Editorial%20-%20Early%20Bird%20Brief<i>)</i></p>
		Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
af.mil 22.08.2021	USAF: Utah ANG demonstrates multi-domain battlespace connectivity on KC-135	<p>On Aug. 7, the Utah Air National Guard, in collaboration with Collins Aerospace, successfully demonstrated advanced communication, mission computing and sensor technologies to support Joint All Domain Command and Control and Advanced Battle Management System initiatives on a KC-135 Stratotanker at the Roland R. Wright ANG Base in Salt Lake City. The presentation showed how integrated technologies and joint connectivity can provide warfighters with the actionable data and increased situational awareness they need to make informed, split-second decisions in evolving threat conditions against cyber-sophisticated adversaries. Giving the KC-135 the situational awareness via advanced tactical datalinks is the first step in creating a survivable tanker force while buying down technological risk to almost all mobility Air Force aircraft. The demonstration showed a streaming connection between a mobile ground party, an airborne contracted aircraft, and the pride of our KC-135 fleet, aircraft 0275, the most advanced KC-135 in the Air Force inventory.</p>

		In July 2020, the Utah ANG's 151st Air Refueling Wing upgraded the first KC-135 with NATO-Standard Link 16 communication capabilities as part of its real-time information in the cockpit system (RTIC), bringing the aircraft into the 21st century and revolutionizing the tanker's role in combat.
thedrive.com 17.08.2021	USAF: RC-135W Rivet Joint Spy Plane Is Flying Orbits Over Kabul	<p>The RC-135W, serial number 62-4138, using the callsign Python 52, was tracked leaving Al Udeid Air Base in Qatar in the Persian Gulf earlier today. The jet then flew out over the North Arabian Sea, before turning north toward Afghanistan via Pakistan. This is a routine route for American military aircraft flying from the Persian Gulf to Afghanistan. Online flight tracking software showed that a U.S. Air Force RC-135W Rivet Joint, an airliner-sized intelligence, surveillance, and reconnaissance aircraft, was orbiting around Kabul today as the United States and other countries continue to conduct evacuation operations from Hamid Karzai International Airport.</p> <p>Regardless, the Rivet Joint's presence in the skies around Kabul, where the risks to the high-flying aircraft would be virtually non-existent, makes good sense. These aircraft are extremely powerful electronic and signals intelligence-gathering platforms. They are regularly used to scoop information about the type and location of various signal emitters, such as radars, to help in the construction of an "electronic order of battle" detailing the air defense, command and control, and other capabilities of an adversary or potential adversary.</p>
		Cyber- und Electromagnetic Warfare
israeldefense.co.il 26.08.2021	IRN: Iran developed new electronic warfare capabilities	Iran has developed special capabilities in the field of electronic warfare and it is producing related equipment, said Brigadier Shahrokh Shahram, a senior Iranian Defense Ministry official, adding that the country's defense companies have a special mission to defend the country from cyberattacks. The IRNA news agency also quoted Shahram as saying that Iran is "first in the region" in the field of electronic warfare, that the manufacturing of electronic warfare systems and related equipment has grown by five times this year, and that Iranian defense companies have a special mission to defend the country from cyberattacks and war.
watson.ch 20.08.2021	CHE: Schweizer Gemeinde wird gehackt und	Die Gemeinde Rolle VD, idyllisch am Genfersee gelegen, ist von einem massiven Daten-Leak betroffen. Kriminelle haben interne und vertrauliche Dokumente im Darknet veröffentlicht, wie Recherchen von watson zeigen. Die illegale Veröffentlichung der Dateien geht auf das Konto einer relativ jungen Internet-

	verschweigt Datendiebstahl	Erpresserbande namens Vice Society zurück. Es handelt sich gemäss den bisherigen Recherchen um eine versuchte Ransomware-Attacke. Die Bürgermeisterin von Rolle, Monique Choulat Pugnale, hat am Freitag gegenüber 24heures.ch Auskunft geben. Sie bestätigte eine Ransomware-Attacke und sagte, die Gemeinde habe kein Lösegeld bezahlt.
thedrive.com 18.08.2021	The Truth About Cyber Warfare's Impact On Airpower	There's a lot of bad info out there about how the cyber and aerial domains of warfare will converge. Here's the reality, for better or worse. (Vollständiger Beitrag abrufbar unter: https://www.thedrive.com/the-war-zone/42006/the-reality-of-how-cyber-warfare-will-impact-aerial-combat)
israeldefense.co.il 12.08.2021	ISR/CHN: Cyberattacks attributed to Chinese intelligence target Israeli security organizations	Cyber intelligence company FireEye published a report attributing offensive cyber activity in Israel to Chinese intelligence. The researchers call the Chinese group UNC215. The attack campaign exploited known vulnerabilities in Microsoft SharePoint in order to install web shells which were then used to inject malware called FOCUSJORD. (Vollständiger Artikel abrufbar unter: https://www.israeldefense.co.il/en/node/51372)
		Boden- und seegestützte Luftverteidigungssysteme
reuters.com 25.08.2021 04:39 AM CEST	MMR: Russia to deliver missile systems to post-coup Myanmar on time	Russia will deliver Pantsir missile defence systems to Myanmar on schedule as outlined in the relevant sales contract, the RIA news agency cited the head of Russia's Federal Service for Military-Technical Cooperation as saying on Wednesday. The truck-mounted systems are used to shoot down aircraft, drones and cruise missiles.
sputniknews.com 24.08.2021	Russia to Present S-500 Missile System for Export by 2030, State Arms Exporter Says	Russia plans to present its prospective S-500 Prometey surface-to-air missile/anti-ballistic missile system on the international arms market by 2030, Alexander Mikheev, the head of Russia's state arms exporter Rosoboronexport, told Sputnik on 24 August. The first S-500 deliveries to the Russian Armed Forces are scheduled for the end of the year. The S-500 Prometey is a next-generation surface-to-air missile system

		with a range of around 600 kilometres (370 miles), designed for intercepting and destroying intercontinental ballistic missiles, as well as hypersonic cruise missiles and aircraft.
dailysabah.com 23.08.2021	TUR: Turkey may sign new S-400 deal soon, Russian official says	<p>Turkey and Russia are in the process of signing a new contract for the purchase of additional S-400 missiles in the near future, the Interfax news agency cited the head of Russia's Rosoboronexport arms exporter as saying Monday. Ties between NATO allies Turkey and the United States were badly strained over Ankara's acquisition of the advanced S-400 Russian air defense system, prompting Washington to remove Turkey from its F-35 Lightning II jet program. The U.S. argued that the system could be used by Russia to covertly obtain classified details on the Lockheed Martin F-35 jets and is incompatible with NATO systems. Turkey, however, insists that the S-400 would not be integrated into NATO systems and would not pose a threat to the alliance.</p> <p><i>(Ergänzende Information defenseworld.net vom 25.08.2021: Russian claim of Ankara being in the 'final stages' of a deal to buy a second batch of S-400 air defense system (ADS) is false, a Turkish official told Middle East News. "There is no change in the status of discussions to buy a second S-400 battery.")</i></p>
jpost.com 23.08.2021 20:43 PM	USA: US Army fires first Iron Dome interceptor in test	<p>US Army forces completed a firing test of the first Iron Dome missile defense battery purchased by the United States, the Defense Ministry announced on Monday. The series of experiments took place at White Sands Missile Range in New Mexico and saw US Army troops successfully intercept targets.</p> <p>The US Army purchased the two off-the-shelf batteries from Rafael in August 2019 that were delivered in late 2020. The army has since been in the process of examining and building training systems for the batteries. The purchase of the batteries included 12 launchers, two sensors, two battlement management centers and 240 interceptors. The purchase was made to fill its short-term needs for an Indirect Fire Protection Capability, until a permanent solution to the problem is put in place to best protect ground maneuvering troops against an increasingly wide range of aerial threats, including short-range projectiles.</p> <p>The Iron Dome, which is designed to shoot down short-range rockets, is an integral component of Israel's multi-layered defense array. The Arrow-2 and Arrow-3 systems intercept ballistic missiles outside of the Earth's atmosphere, while the David's Sling missile defense system is designed to intercept tactical ballistic missiles and medium- to long-range rockets, as well as cruise missiles fired from ranges of 40 km. to 300 km.</p> <p><i>(Ergänzende Information jpost.com vom 25.08.2021: The US Army has decided not to buy Israel's Iron Dome to counter aerial threats, despite the United States military having successfully carried out a first live-fire test of the missile defense system. According to the report, the US Army chose Leidos-owned Dynetics' launcher after a shoot-off between the two systems last month at White Sands Missile Range in New Mexico. The Dynetics system, called</i></p>

		<i>Enduring Shield, has 360-degree detection and can fire at multiple threats simultaneously. The system is simple to operate and can be fully integrated with the army's Integrated Air and Missile Defense Battle Command System.)</i>
tasnimnews.com 22.08.2021	IRN: Iran Uses Homegrown Missile Defense System in War Game	Iran has for the first time employed its homegrown missile defense system 'Bavar-373' in a military exercise. Bavar-373 has been operated in a joint air defense exercise, codenamed 'Guardians of Velayat Sky-99', underway in more than half of the country's territories. The Iranian air defense missile system successfully destroyed standoff targets on Thursday. Iran unveiled Bavar-373 in August 2019. The long-range air defense system is capable of detecting up to 100 targets, tracking 60 of them, and engage with six concurrently. A distinguishing feature of Bavar-373 is its vertical launching system with square launchers, mostly used for air defense on warships. Bavar-373 uses a long-range, phased array fire-control radar, dubbed Me'raj-4. The air defense system employs three different types of missiles to hit targets at various altitudes.
en.yna.co.kr 18.08.2021	KOR: S. Korea to begin mass production of surface-to-air interceptor missile	South Korea will begin mass production of a newly upgraded interceptor missile, often dubbed the Korean equivalent of the U.S.-made Patriot missile defense system, after successfully completing a number of quality tests, officials said Wednesday. Cheongung II, the upgraded version of the country's first locally-developed medium-range surface-to-air guided missile, accurately hit a missile and an aircraft target in firing tests conducted at the Anheung test site in the western city of Taean, in July and August, respectively, according to the Defense Agency for Technology and Quality.
		Boden- und seegestützte Einsatzkräfte, Strategische Kampfmittel und Space Forces
tass.com 24.08.2021	RUS: Zircon tests from nuclear submarine planned September	Flight tests of Zircon hypersonic missile from a submarine carrier - the Severodvinsk nuclear submarine - are scheduled to begin in September 2021, a source in the military-industrial complex told TASS. It is planned to complete them before the White Sea freezes, with several launches. Zircon flight design tests are also being actively carried out onboard the surface carrier - the Admiral Gorshkov frigate. Launches have already been carried out on both above-water and ground targets.
navy.mil 22.08.2021	USN/RN: United Kingdom Carrier Strike Group and USS America Expeditionary	United Kingdom (U.K.) Carrier Strike Group (CSG 21) and USS America Expeditionary Strike Group (AMA ESG) with embarked 31st Marine Expeditionary Unit, begin multinational advanced aviation operations in support of Large Scale Global Exercise (LSGE) 21, Aug. 20. While sailing together, the strike groups will conduct large-formation steaming maneuvers, anti-submarine and surface warfare exercises, and aviation integration

	Strike Group Join Together for LSGE 21 Operations	events to enhance their capability and proficiency throughout all domains. "The ability for the United States and the United Kingdom to be 'interoperable' and operate their fifth generation jets from the same deck at the same time is testament to the special relationship between our two countries," said Commodore Steve Moorhouse, OBE, Commander of the U.K.'s Carrier Strike Group. HMS Queen Elizabeth leads the U.K.'s Carrier Strike Group and is operating a mixed air group of F-35Bs, with a squadron of U.K. jets and a squadron from the U.S. Marine Corps. Integrating Marine Fighter Attack Squadron (VMFA) 211's F-35Bs into the carrier air wing provides the opportunity to share experiences, tactics, and procedures, highlighting common interests and strong bilateral relationship, between the U.S. and the U.K.
defence-blog.com 21.08.2021	USMC: U.S. Marine Corps robotic launcher becomes global sensation	A new robotic vehicle equipped with two Naval Strike Missiles has become an "internet sensation" after Large Scale Exercise in Hawaii. This unfamiliar new vehicle with the ability to be remotely controlled by a distant operator looked like a JLTV but without a cab, equipped with an assortment of sensors and cameras, and topped with a launcher for a multi-mission cruise missiles. The new vehicle is called the Navy/Marine Expeditionary Ship Interdiction System (NMESIS). NMESIS integrates ROGUE Fires unmanned ground vehicle (UGV) that leverages the JLTV's extreme off-road mobility and payload capacity. As part of the demonstration, a NMESIS launcher successfully launched a Naval Strike Missile (NSM) and scored a direct hit on a target at sea. The NSM is designed to destroy heavily defended maritime and land targets. It is a multi-mission cruise missile developed by Raytheon and Kongsberg. These new systems and capabilities represent a major change for the artillery community as it shifts focus to implement Force Design 2030 concepts and refine its support to distributed maritime operations.
globaltimes.cn 21.08.2021	CHN: PLA Rocket Force holds live-fire drills, testing new-type conventional missiles	Under harsh natural environment and complex electromagnetic jamming, the 1st Conventional Missile Brigade attached to the PLA Rocket Force launched two new-type missiles in a rapid-reaction confrontational exercise, accurately hitting well-protected "enemy" defense positions hundreds of kilometers away, and effectively paralyzing the opponents' key information nodes in their defense systems, China Central Television (CCTV) reported on Saturday. The launches show that the PLA Rocket Force has expanded its arsenal with the new-type advanced warheads, and enhanced the capabilities of conventional missiles in striking with precision in different situations, paralyzing key hostile nodes and destroying "enemy" target, CCTV said. Judging from the report footage and the narration, the new-type missiles seem to be of a new variant of the DF-15 short-range ballistic missile family, upgraded with two new advanced warheads, observers said. The warhead uses new technologies which could feature new guidance systems and stronger anti-jamming functions, Song Zhongping, a Chinese military expert and TV commentator, told the Global Times on Saturday.

		Using road-mobile missile vehicles, the brigade troops took advantage of nighttime for fast maneuvering, and after receiving orders to launch, the troops took half the time to initiate the launch sequence when compared to past records, CCTV report said. Song said that this means the missile is capable of fast-reaction and has higher levels of automatization, informatization and intelligentization.
cnn.com 19.08.2021	RUS: New satellite images show Russia may be preparing to test nuclear powered 'Skyfall' missile	New satellite images obtained by CNN show Russia may be preparing another test of its nuclear-powered cruise missile, known as "Skyfall"-- a controversial weapon that is designed to defeat US defense systems. The photos, which were captured on August 16 by the commercial satellite imaging company Capella Space, offer "strong indications Russia was preparing to test a nuclear-powered cruise missile" at a known launch site located near the Arctic Circle, experts at the Middlebury Institute of International Studies Center for Nonproliferation Studies who analyzed the photos told CNN. US officials are aware that Russia could be preparing another test of what it calls the "Burevestnik" missile as part of its advanced weapons program, according to a source briefed on the matter. <i>(Vollständiger Beitrag einschliesslich Satellitenbilder abrufbar unter: https://edition.cnn.com/2021/08/18/politics/russia-skyfall-missile-test-satellite-images/index.html)</i>
minister.defence.gov.au 12.08.2021	AUS: Australia and US partner to spearhead precision strike missile capability	The Australian Defence Force and the United States Armed Forces will partner to develop a new precision missile capability to further interoperability and modernise both militaries. Australia's participation in the US led Precision Strike Missile co-development program contributes to both nations' strategic objectives, delivering on a key aspect of Australia's 2020 Defence Strategic Update. Australia has contributed \$70 million to the \$907 million Precision Strike Missile program (PrSM) to advance long-range precision fire capabilities of Australian and US militaries. The surface-to-surface, all weather, precision-strike guided missile will be capable of destroying, neutralising and suppressing diverse targets at ranges from 70 to over 400 kilometres.
usni.org 12.08.2021	USN/USMC: Raytheon Says it Can Meet U.S. Naval Strike Missile Demand	Key to the Navy and Marine Corps future battle plans in the Western Pacific are populating ships and expeditionary ground units with anti-ship missiles. In particular, both services are ramping up their acquisition of the Norwegian-designed Naval Strike Missile – the subsonic anti-ship missile produced in the U.S. in partnership with Raytheon. The Navy is set to buy just under 200 by the end of fiscal year 2025 for its fleet of Littoral Combat Ships, while the Marines have created an unmanned modified Joint Light Tactical Vehicle to haul an NSM launcher ashore to support its emerging Marine Littoral Regiment concept. Equipping the new regiment with 35 more missiles for \$57.8 million, over the initial request for 29 missiles, appeared on the Marine Corps' annual wish list for the Fiscal Year 2022 budget request. With demand for the missile growing in both services, Raytheon officials told USNI News they can handle the demand from its factories

		<p>in Tuscon, Ariz., and in Louisville, Ky. Raytheon did not disclose their production rate, but according to an unclassified DoD summary of the program the company can produce about 120 missiles a year.</p> <p>In the short term, the Littoral Combat Ships in the Western Pacific are the priority for the Department of the Navy. The service has pledged every LCS deployed to U.S. 7th Fleet will be armed with NSM. USS Charleston (LCS-18) and USS Tulsa (LCS-16), both in 7th Fleet, have recently been outfitted with the missiles after operating for weeks without them, a Navy official confirmed to USNI News on Thursday.</p>
		Geo- und Sicherheitspolitik, militärische Übungen
<p>jpost.com 25.08.2021 21:22 PM</p>	<p>ISR/IRN: Israel is accelerating operational plans to take action against Iran - IDF chief Kohavi</p>	<p>Israel's military is accelerating its operational plans against Iran due to the progress of the Islamic Republic's nuclear program, IDF Chief of Staff Lt.-Gen. Aviv Kohavi has warned. "The progress of the Iranian nuclear program has led the IDF to accelerate its operational plans and the recently approved defense budget is earmarked for that," he said. Israel considers Iran's nuclear program as its No. 1 concern, and though Iran has consistently denied seeking to build a nuclear bomb, tensions have risen as the West seeks to resume talks on reviving the deal to curb Tehran's nuclear program.</p> <p>Iran has several kinds of rockets that could reach Israeli territory, including the Khorramshahr 2 with a range of up to 2,000 kilometers (1,243 miles) and the Shahab-3. The IDF has admitted that Iran's conventional missile threat is a major concern for Israel. Despite its multilayered air defenses, it may not be able to contend with intensive missile barrages fired by Iran and its proxy groups, such as Hezbollah in Lebanon or Shi'ite militias in Iraq.</p> <p><i>(Vollständiger Artikel jpost.com abrufbar unter: https://www.jpost.com/middle-east/iran-news/chief-of-staff-kohavi-idf-accelerating-operational-plans-against-iran-677680)</i></p>
<p>iaf.org.il 25.08.2021</p>	<p>ISR: Fighter Squadrons Face-Off in Annual Competition</p>	<p>Which is the best fighter squadron in the IAF? The number of answers to that question is equal to the number of fighter squadrons. Nevertheless, each year, the squadrons have the opportunity to prove their capabilities in the "Champions League" tournament that begins with the "Skewer" competition.</p>

		<p>"Competitive spirit is deeply ingrained in the IAF. It's part of our character and when people compete, it brings out the best of each side and increases the level of operation", said Capt. A, an officer in the fighter training department. "The squadrons received the format and scenarios of the competition a week in advance, which gave them an opportunity to come fully prepared. Some of the information was given at the last minute, however, in order to add some difficulty to the already challenging tasks. We evaluate every small detail in their performance, forcing them to be as professional as possible, which is exactly what we are trying to achieve".</p> <p>Though the "Skewer" competition is a long-lasting tradition that takes place annually, this was the first year that the "Adir" (F-35I) Squadrons participated – the 116th ("Lions of the South") and 140th ("Golden Eagle"). The squadrons drilled low altitude and depth strike scenarios. "The goal was to perform the scenarios in the best way possible, fourth generation and fifth generation squadrons alike", explained Capt. B, an aircrew member in the 116th Squadron. "The main difference was that while the fourth generation squadrons received precision strike missions, we had a slightly different task – striking SAM (Surface-to-Air Missile) batteries". "We chose to integrate the 'Adir' in the competition since as time goes by, more of the aircraft will join the IAF. The F-35's are not the only change this year - the competition typically includes formations of four jets, but this year larger formations took part and the tasks were adapted to simulate the northern operational arena, which is a major point of focus for us".</p>
<p>globaltimes.cn 24.08.2021</p>	<p>CHN: PLA holds 100+ drills in all Chinese sea areas in 3 months, 'sets up strategic defense perimeter'</p>	<p>Amid frequent foreign military provocations from the sea, the Chinese People's Liberation Army (PLA) held more than a hundred military exercises across all major Chinese sea areas over the past three months, with Chinese military experts saying on Tuesday that the PLA has set up a strategic maritime defense perimeter and is prepared for simultaneous battles in multiple directions.</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://www.globaltimes.cn/page/202108/1232351.shtml)</i></p>
<p>tasnimnews.com 21.08.2021</p>	<p>Iranian Armed Forces Focal Center of Regional Security</p>	<p>In a statement released on Saturday in commemoration of the Defense Industry Day, the Iranian Defense Ministry said the Islamic Republic's definite and unchanging strategy entails growing defense power and constant updating of the capabilities to effectively counter the threats from the enemies. The statement also pointed to Iran's perfect standing in the international arena, especially in West Asia, highlighted the country's role in fortifying the resistance front and extending the range of protection of national security beyond the borders, and noted that the Iranian Armed Forces and defense power outperform a mere reactive force and have turned into the focal center of regional security and stability by safeguarding the goals of the Islamic Revolution and supporting anti-arrogance nations against hegemons.</p>

		<i>(Ergänzende Information timesofisrael.com vom 21.08.2021: "We will not hesitate to strengthen our military capabilities, including the missile program designed solely for defense purposes," it added. The statement came as the foreign ministries of Germany, France, and Britain expressed "grave concern" over Iran's growing violations of the moribund 2015 nuclear accord.)</i>
asia.nikkei.com 20.08.2021	JPN/CHN: Japan missile plan on Ishigaki island helps boost Taiwan defense	Japan's plans to ramp up the defense of its remote southwestern islands are being seen as a move to boost support for Taiwan as it faces a heightened Chinese military threat. The move to station anti-aircraft and anti-ship missiles and hundreds of troops on Ishigaki island, 300 kilometers from Taiwan, comes amid a growing Chinese naval presence in the area and tensions between Beijing and Washington over Taiwan and a host of other issues. Japanese Defense Minister Nobuo Kishi said earlier this month that Tokyo plans to deploy medium-range ground-to-air guided ammunition units, ground-to-ship guided ammunition units, and 500 to 600 troops on Ishigaki by the end of March 2023. Ishigaki will become the fourth missile-armed island in the Nansei or Ryukyu island chain, which stretches south from Japan's southern Kyushu island toward Taiwan, and covers an area of around 1,200 kilometers. Analysts say the plan is aimed as much at defending Taiwan as Japan, as any attack on the democratic island could quickly spread to Japan's southern islands -- Tokyo's front line of defense.
ac.nato.int 19.08.2021	NATO/NOR: NATO Multi-Domain exercise on Norwegian coast	A NATO E-3A AWACS provided airborne command and control for the pre-planned training event in the Arctic region, which enabled Norwegian F-35 fighters to integrate with maritime forces and Allied Intelligence, Surveillance and Reconnaissance (ISR) aircraft. The exercise trained Alliance forces to integrate, operate, and communicate in the unique conditions of the High North. NATO E-3A AWACS can constantly monitor the airspace within a radius of more than 400 km and exchange information in near real-time, via digital data links, with ground-based, sea-based and airborne commanders. By using pulse Doppler radar during this exercise, the E-3A was able to give early warning of low- or high-flying aircraft. The NATO Airborne Early Warning and Control Force operates from Geilenkirchen Air Base, Germany. Norway supported the exercise with F-35 fighter aircraft from 332 Squadron based at Ørland and F-16 fighter aircraft from 331 Squadron based in Bodø. Both Squadrons are under the command of 332 Air wing at Ørland.
defbrief.com 18.08.2021	USA/CAN: US, Canadian defense ministers back NORAD modernization	The heads of defense departments Canada and the US have expressed support for the enhancement of the ability of the North American Aerospace Defense Command (NORAD) to defend the two countries' critical assets. "As an integral part of ongoing work to strengthen the security and defense of Canada and the United States, we reaffirm our commitment to supporting NORAD's ability to detect, deter, and defend against aerospace threats and to detect maritime threats to North America, today and in the future," Canadian defense minister Harjit Sajjan and his US counterpart Lloyd James Austin III said in a joint statement.

<p>timesofisrael.com 16.08.2021 09:41 PM</p>	<p>IAEA/IRN: Iran producing uranium metal, which can be used in nuclear bomb</p>	<p>With the chances of a return to the 2015 nuclear deal fading, Iran has progressed with producing uranium metal, the UN nuclear watchdog said on Monday. "On 14 August 2021, the Agency verified... that Iran had used 257g of uranium enriched up to 20% U-235 in the form of UF4 (uranium tetrafluoride) to produce 200g of uranium metal enriched up to 20% U-235," the International Atomic Energy Agency wrote. Uranium metal can be used as a component in nuclear weapons. Iran had signed up to a 15-year ban on "producing or acquiring plutonium or uranium metals or their alloys," under the so-called Joint Comprehensive Plan of Action (JCPOA) signed in 2015 with world powers.</p>
<p>forsvaret.no 2021</p>	<p>NOR: The Royal Norwegian Air Force - The Air Force monitors, controls and protects Norwegian airspace.</p>	<p>As of 2020, the Air Force is undergoing a major restructuring. New bases are developing, and capacities like the F-35 fighter jets, the NH90 helicopters and the AW101 rescue helicopters are being implemented into the organisation. Ørland Air Station is Norway's main F-35 base. The F-35 fleet will be fully operational in 2025, when Norway has received all its 52 aircraft. The implementation of F-35 will change the Royal Norwegian Air Force fundamentally. Most of the F-35 will operate from Ørland, while the Quick Reaction Alert (QRA) will be carried out from Evenes Air Base in northern Norway from 2021. The Quick Reaction Alert is carried out on behalf of NATO, and is per 2020 operated by F-16s from Air Force Base Bodø. From 2022, the P-3 Orion maritime surveillance aircraft will be replaced by five new P-8 Poseidon. The new aircraft will operate from Evenes Air Base. Bardufoss Air Station in northern Norway was established as a maritime helicopter wing in autumn 2019. Station Group Gardermoen, north of Oslo, is home to Norway's C-130J Hercules and DA-20, while Rygge Air Base houses the Bell 412 helicopters.</p>
<p>reuters.com 16.08.2021 03:00 AM CEST</p>	<p>AFG: Taliban declares 'war is over' as president and diplomats flee Kabul</p>	<p>The Taliban declared the war in Afghanistan was over after insurgents took control of the presidential palace in Kabul as U.S.-led forces departed and Western nations scrambled on Monday to evacuate their citizens. Taliban says form of new regime to be announced soon</p>
<p>scmp.com 13.08.2021</p>	<p>CHN/RUS: China-Russia military drill makes room for combined force against US</p>	<p>The 10,000 troops, from the PLA's Western Theatre Command and the Eastern Military District of Russia, wrapped up the Zapad/Interaction-2021 exercises in Ningxia region on Friday. The drills gave the PLA an opportunity to test its newest weapons, as well as showing an ability to work coherently with the Russian forces. For the first time the two armies used a joint command and control system in a move which echoes the Nato approach. Chinese and Russian troops were integrated and shared equipment during the joint operations. Russian newspaper Kommersant reported that Su-30SM fighters and motorised rifle units took part in the exercise which included strikes with Chinese troops against conventional ground targets with high-explosive fragmentation bombs. The joint forces also rehearsed avoiding enemy air defence systems, it said.</p>

		<i>(Ergänzende Information globaltimes.cn vom 13.08.2021: Kicking off the live-fire drills and mimicking an anti-terrorism operation, four J-20 stealth fighter jets of the Chinese People's Liberation Army (PLA) Air Force spearheaded an air raid on hostile frontline command centers and air defense observation outposts, followed up by another round of attacks by two JH-7 fighter bombers, China Central Television (CCTV) reported on Friday. Artillery forces on the ground then simultaneously shot volleys that accurately rained down on targets and kept them in their tracks, and that was when attack helicopters and transport helicopters carrying special operations troops closed in at low altitude and joined the multidimensional, multidirectional attack. In an innovative tactic that was used for the first time, fully-loaded Y-20 large transport aircraft airdropped heavy equipment including airborne assault vehicles while also hosting airborne troops parachuting simultaneously from three hatch doors, greatly increasing the effectiveness of airborne combat. A joint warplane group featuring China's H-6 bombers, J-11 and J-16 fighter jets as well as Russia's Su-30SM fighter jets continued air strikes, while air defense forces used different types of missiles and artillery to accurately intercept hostile drone swarms. One of the highlights of the exercises was the deployment of the J-20s, some of China's most advanced warplanes, observers said, noting that this is the first time China has sent the J-20 in a joint exercise with another country.)</i>
israelradar.com 13.08.2021	ISR/LBN: Hezbollah Builds Tunnels, Boosts Defenses Across Lebanon	Hezbollah built a huge network of tunnels across Lebanon with Iranian and North Korean support, according to a new report by the Alma research center. The vast system contains command and control centers, weapons depots, and shafts for firing missiles, the in-depth report says. The total length of the offensive and logistical tunnels is estimated at hundreds of kilometers. Hezbollah also built several tiers of robust defense lines extending all the way to Beirut to prolong a future war with Israel and avoid a quick defeat, ex-IDF general Gershon Hacohen says.
		Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos
crsreports. congress.gov 24.08.2021	USA: Afghan Aerial Evacuation in Context	On August 15, 2021, the U.S. military began evacuating thousands of persons from Hamid Karzai International Airport, in Kabul, Afghanistan. As of August 24, the military has airlifted approximately 64,000 persons since July (Figure 1)—of those, approximately 40,000 were reportedly evacuated since August 16 and 12,700 were reportedly evacuated on August 23 alone. President Biden has stated that he intends to complete the evacuation and the Taliban have stipulated that U.S. forces need to withdraw from Afghanistan by August 31.

		<p><i>(Vollständiger Report abrufbar unter:</i> https://crsreports.congress.gov/product/pdf/IN/IN11730)</p>
japcc.org 23.08.2021	NATO: The Multinational Multi-Role Tanker Transport Fleet Programme	<p>The shortcomings of AT in Europe were obvious following 9/11, as the Member States (MS) of the EU had to resort to initiatives as the Strategic Airlift International Solution (SALIS) or the Strategic Airlift Capability (SAC). Further, and more recently, when referring to Air-to-Air Refuelling (AAR)², these shortcomings were seen in the allied air operations in Kosovo, Libya and Mali, in which some members of the EU had to call upon and rely again on US refuelling aircraft. Simply stated, the EU identified major gaps, over a number of deployments, among the capabilities required to successfully carry out those military operations to include strategic AAR, AT and Aeromedical Evacuations (AE).</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.japcc.org/the-multinational-multi-role-tanker-transport-fleet-programme/)</p>
japcc.org 23.08.2021	POL: Polish Air Force – Transition from Warsaw Pact to NATO	<p>The JAPCC's (Joint Air Power Competence Centre) Interview with Brigadier General Sławomir Żakowski, Deputy Commander, Combined Air Operations Centre (CAOC) Uedem, Germany</p> <p><i>(Interview abrufbar unter:</i> https://www.japcc.org/polish-air-force-and-the-transition-from-warsaw-pact-to-nato/)</p>
news.usni.org 23.08.2021	USN: USNI News Fleet and Marine Tracker: Aug 23, 2021	<p>These are the approximate positions of the U.S. Navy's deployed carrier strike groups and amphibious ready groups throughout the world as of Aug. 23, 2021, based on Navy and public data. In cases where a Carrier Strike Group (CSG) or Amphibious Ready Group (ARG) is conducting disaggregated operations, the chart reflects the location of the capital ship.</p> <p><i>(Infographic abrufbar unter:</i> https://news.usni.org/2021/08/23/usni-news-fleet-and-marine-tracker-aug-23-2021)</p>
globaltimes.cn 23.08.2021	CHN: China's Mach 30 wind tunnel expected to be completed in 2022, help develop aerospace, hypersonic aircraft	<p>China's latest, world-leading hypervelocity wind tunnel that can simulate a speed of Mach 30 at high altitude is expected to finish construction in 2022, and will contribute to the country's hypersonic and aerospace aircraft programs. Hypersonic aircraft developed through the technology can reach anywhere in the world within one or two hours, and the technology could also help develop aerospace aircraft that reduces satellite and spacecraft launch costs by 90 percent. Dubbed the cradle of China's next-generation aircraft, the JF-22 hypervelocity wind tunnel can simulate a top speed of 10 kilometers a second, or 30 times the speed of sound, at an altitude of from 40 to 100 kilometers, China Central Television (CCTV) reported on Monday. The</p>

		<p>JF-22 will be the world's most advanced hypervelocity wind tunnel when it is fully built in 2022, CCTV reported, noting that it will contribute to the development of hypersonic and aerospace aircraft. Hypersonic aircraft will be able to fly at Mach 5 to 10 and arrive at any location in the world within one or two hours, and aerospace aircraft reduce the launch cost of satellites and spacecraft by 90 percent, Jiang Zonglin, a research fellow at the Institute of Mechanics at the Chinese Academy of Sciences and the leader of the project, was quoted as saying.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.globaltimes.cn/page/202108/1232234.shtml<i>)</i></p>
<p>strategicassessment.inss.org.il 22.08.2021</p>	<p>IRN: Iran's Deterrence Concept</p>	<p>The Iranian regime has assembled a large toolbox to deter military, economic, and political challenges and threats. The foundation of this deterrence system is a large arsenal of missiles built in Iran and in the possession of Shiite militias, most prominently, Hezbollah. The militias are designated for land warfare against Iran's adversaries; Iran's large naval array threatens shipping and oil exports in the Persian Gulf. Nuclear capability would compound Iran's deterrence, even if Tehran is in no hurry to use it. Consequently, even Iran's powerful adversaries, including the United States and Israel, avoid steps liable to lead to large-scale conflict. Nonetheless, there are weak points in Iran's deterrence system. Realizing the superiority of the US military, the regime too is careful to avoid large-scale conflict. Iran has no solution for the heavy economic pressure leveled by the US or for the Israeli attacks on Iranian and Shiite targets in Syria. It recoils from using its missile system against the US and Israel, except on a limited scale. The killing of Qasem Soleimani and Mohsen Fakhrizadeh demonstrate that Iran faces difficult deterrence challenges.</p>
<p>airuniversity.af.edu 12.08.2021</p>	<p>CHN: PLA Likely Begins Construction of an Intercontinental Ballistic Missile Silo Site near Hanggin Banner</p>	<p>By mid-May 2021, the People's Liberation Army (PLA) likely began construction of a potential intercontinental ballistic missile (ICBM) silo site in Hanggin Banner, Ordos City, Inner Mongolia (approximately at 40.113, 108.104). Images taken by the European Space Agency's Sentinel-2 mission between 16 May and 9 August 2021 reveal a construction footprint similar to those found at known PLA ICBM silo construction sites at Jilantai, Guazhou (typically referred to as the Yumen site), and Hami.</p> <p><i>(Vollständige Analyse abrufbar unter:</i> https://www.airuniversity.af.edu/CASI/Display/Article/2729781/pla-likely-begins-construction-of-an-intercontinental-ballistic-missile-silo-si/<i>)</i></p>
<p>crsreports.congress.gov 10.08.2021</p>	<p>USA: Overview of Department of Defense</p>	<p>Communication using the electromagnetic spectrum ("the spectrum") enables a number of modern military capabilities. The Department of Defense (DOD) uses electromagnetic radiation to enable military communications, navigation, radar, nonintrusive inspection of aircraft, and other equipment. DOD also</p>

	Use of the Electro-magnetic Spectrum	<p>heavily relies on electromagnetic radiation for intelligence, surveillance, and reconnaissance (ISR) applications such as missile early warning and signals intelligence. Individual branches of the military (e.g., the Air Force, Army, Marine Corps, Navy and Space Force) currently are allotted significant ranges of frequency bands to enable various equipment and applications that support military operations.</p> <p>Potential adversaries like China and Russia have observed how the United States wages war through conflicts ranging from Desert Storm to Allied Force, Iraqi Freedom, and Enduring Freedom over the past 30 years. These potential adversaries have identified the DOD's use of the spectrum as a critical enabler, and, as a result, have developed weapon systems, particularly electronic warfare (EW) platforms, designed to challenge the DOD's ability to effectively use the spectrum.</p> <p><i>(Vollständiger Report abrufbar unter:</i> https://crsreports.congress.gov/product/pdf/R/R46564<i>)</i></p>
rand.org 14.07.2021	RUS: Russia's Su-57 Heavy Fighter Bomber: Is It Really a Fifth-Generation Aircraft?	<p>RAND Defense Analyst Ryan Bauer discusses the variety of developmental challenges that the Russian Su-57 fifth-generation jet has experienced, decreasing the likelihood of Russia exporting the aircraft for a number of years despite continued marketing efforts.</p> <p><i>(Video abrufbar unter:</i> https://www.rand.org/multimedia.html#recent/multimedia/video/2021/07/13/russias-su-57-heavy-fighter-bomber-is-it-really-a-fifth-generation-aircraft/_jcr_content/par/multimediamvideoplaye_597926641.xml<i>)</i></p>
crsreports.congress.gov 01.07.2021	USA: Joint All-Domain Command and Control(JADC2)	<p>What Is JADC2? Joint All-Domain Command and Control (JADC2) is the Department of Defense's (DOD's) concept to connect sensors from all of the military services—Air Force, Army, Marine Corps, Navy, and Space Force—into a single network.</p> <p><i>(Vollständiger Report abrufbar unter:</i> https://crsreports.congress.gov/product/pdf/IF/IF11493<i>)</i></p>

<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"> ° Die Fähigkeiten und die Schlüsselfunktion von Air Power, ° die zentrale Bedeutung einer integrierten Luftverteidigung, ° die Weiterentwicklung von Luftstreitkräften mit einem besonderen Fokus Europa, ° Entwicklungen und Entwicklungstendenzen in der 3. Dimension sowie ° die möglichen verheerenden Folgen eines ungeschützten schweizerischen Luftraums für unsere Bevölkerung und Souveränität im Frieden, bei Terrorangriffen aus der Luft sowie im Konfliktfall <p>zu orientieren.</p> <p>Dafür werden offene staatliche und Firmen-Quellen sowie die Tages- und Fachpresse ausgewertet und in primär englischer Sprache thematisch und chronologisch zusammengeführt.</p>
<p>Ausgewählt und bearbeitet von MILITÄRPOLITISCHE NACHRICHTEN SCHWEIZ (MNS) Konrad Alder Hermann Hiltbrunner-Weg 1 Tel. 044 926 39 36 <i>konrad.alder@bluewin.ch</i></p>	<ul style="list-style-type: none"> ° Fact and Figures ° Science and Technology ° Entwicklungstrends ° Beschaffungsprogramme ° Luftkriegseinsätze ° Militär- und geopolitische Entwicklungen
<p>Beilagen im Anhang zum Versandmail NACHBRENNER 2021-17</p>	
<p>Verbunden in einem Informationsnetzwerk mit</p>	<ul style="list-style-type: none"> ° Peter Bosshard – Forum Flugplatz Dübendorf – www.forum-flugplatz.ch ° Thomas Bosshard – Pro Schweizer Luftwaffe – thomasbosshard@bluewin.ch ° Dr. Peter Forster – Das Bulletin Nr. 1 – https://bulletin-1.ch/ ° H.U. Helfer – Informationsgruppe Pro Kampfflugzeuge – helfer@presdok.ch ° Daniel Hildinger – Verein Schweizer Armeefreunde - www.chaf.ch ° Christoph Vollenweider – Gruppe Luftverteidigung – www.lilienberg.ch
<p>Neuabonnement NACHBRENNER</p>	<p>Für eine regelmässige, kostenlose Zustellung des NACHBRENNER übermittelt man seine Mailadresse an konrad.alder@bluewin.ch.</p>

	Auf die gleiche Art erfolgt die Annulation des Abonnements.
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