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		Sicherheitspolitik Schweiz und Air2030
bulletin-1.ch Dr. Peter Forster 08.09.2021	Good News – Burkart behält die «Allianz Sicherheit Schweiz»	Nach menschlichem Ermessen wird der Aargauer Ständerat Thierry Burkart zum neuen Präsidenten der FDP Schweiz gewählt. Wie verlautet, behält er auch im Fall der Wahl das Präsidium des Lastwagenverbandes Astag und der Allianz Sicherheit Schweiz (ASS). Letztere Meldung ist für die Landesverteidigung eine gute Nachricht. In Armeeabstimmungen kommt dem Freisinn traditionell Gewicht zu. Das Burkart die Präsidien seiner Partei und der kampagnefähigen ASS in Personalunion auf sich vereint, stärkt die staatspolitische Position der Armee, auch mit Blick auf künftige Abstimmungen.
admin.ch 07.09.2021	Einblicke in aktuelle Technologien zur Drohnenabwehr	Am 09. September 2021 findet auf dem Waffenplatz Bure (JU) ein Anlass zum Thema «Abwehr von Mikro- und Minidrohnen» statt. Organisiert wird dieser Anlass von armasuisse Wissenschaft und Technologie zusammen mit dem Gefechtsausbildungszentrum West der Schweizer Armee. Das Ziel ist es, Vertretern aus der Bundesverwaltung, Armee sowie Behörden und Organisationen für Sicherheit und Rettung Einblicke in aktuelle Drohnentechnologien zu ermöglichen. <i>(Vollständige Medienmitteilung abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-85003.html)</i>
bulletin-1.ch Dr. Peter Forster 05.09.2021	BISS – Riesenvogel: Brauchen wir den?	Den Erwartungen entsprechend erhält das Transportflugzeug für unsere Luftwaffe politisch Aufwind. Die Schweizer Evakuierung aus Kabul gelang nur dank der deutschen Bundeswehr und deren A400M. Und in Sachen Corona und Afghanistan ging es nur dank der a.o, Beweglichkeit und Disponibilität der SWISS. Am lautesten rufen die Sozialdemokraten – ausgerechnet sie, die sie 2005/2006 in der unheiligen Allianz mit der SVP die beiden Casa C-295M wuchtig abschossen. Im Nationalrat wurden ihre Redner nicht müde, gegen die zwei spanischen Flugzeuge zu wettern. Nun taucht die Beschaffung einer Transportmaschine so wacker wieder auf wie Nessie aus dem Loch Ness. Für die F-35-Gegner hat die Forderung offenbar noch den “Vorzug”, dass sie mit dem massigen Airbus A400M gleich auch noch die deutsche Karte gegen die Amerikaner spielen können. <i>(Vollständiger Blog abrufbar unter: https://bulletin-1.ch/biss-riesenvogel-brauchen-wir-den/)</i>
aargauerzeitung.ch 05.09.2021	Viola Amherd verteidigt die Kampfjets gegen die Initiative	Die Nervosität beim Bundesrat ist bereits lange vor einer allfälligen Abstimmung über die Kampfjet-Wahl spürbar. Viola Amherd hält das neuerliche Volksbegehren für «etwas fraglich». <i>(Vollständiger Beitrag abrufbar unter:</i>

		https://www.aargauerzeitung.ch/news-service/inland-schweiz/abstimmung-viola-amherd-verteidigt-die-kampffjets-gegen-die-initiative-ld.2183137)
srf.ch 04.09.2021	Samstagsrundschau Viola Amherd: Warum braucht die Schweiz einen Tarnkappen-Bomber?	Abzurufen unter: https://www.srf.ch/play/radio/popupaudioplayer?id=352934de-26fe-4479-b3c0-dc7ff4ca5905
nzz.ch 03.09.2021	Die Behauptungen der Kampffjetgegner werden auch bei ständiger Wiederholung nicht wahr	Die vereinigte Linke will die Beschaffung des F-35 über einen antiamerikanischen Artikel in der Verfassung verhindern. Einmal mehr werden die Volksrechte benutzt, um die eigenen Klientel zu bespassen. Mitverantwortung der SP für die Sicherheit der Schweiz Befremdlich wirkt dagegen die Unterstützung der Initiative durch die Bundesratspartei SP, die behauptet, nicht die Beschaffung eines Kampfflugzeugs verhindern zu wollen, sondern einfach den Typen. <i>(Vollständiger Beitrag von Georg Häsler Sansano abrufbar unter:</i> https://www.nzz.ch/meinung/f-35-die-linke-durchsetzungsinitiative-ld.1643082?mktcid=smch&mktcval=twpost_2021-09-03)
MNS 2021-07 03.09.2021	«SP und Grüne wollen nun ein europäisches Kampfflugzeug kaufen – Man merkt die Absicht und man ist verstimmt!»	Um eine Beschaffung des für unsere Luftwaffe bestgeeigneten amerikanischen Kampfflugzeugs F-35A zu verhindern, ist den Initianten SP und Grüne Schweiz so ziemlich jedes Mittel recht! <i>(Vollständige Stellungnahme im Anhang zu diesem NACHBRENNER Versandmail vom 10.09.2021)</i>
tagesanzeiger.ch 02.09.2021	Viele möchten den Transportflieger für die Schweizer Luftwaffe	Bei der Rettung aus Kabul war die Schweiz vom Ausland abhängig. Nun wollen Parlamentarier der Regierung ein Transportflugzeug aufzwingen. <i>(Vollständiger Artikel abrufbar unter:</i> https://www.tagesanzeiger.ch/viele-moechten-den-riesenvogel-doch-der-bundesrat-sagt-nein-492457835949)

<p>admin.ch 01.08.2021</p>	<p>Bundesrat verabschiedet Botschaft zur Stärkung der Cyber- Defence der Armee</p>	<p>Der Bundesrat hat an seiner Sitzung vom 1. September 2021 vom Ergebnis des Vernehmlassungsverfahrens zu verschiedenen Änderungen von Militärgesetz, Verordnung über die Armeeorganisation und weiteren rechtlichen Grundlagen Kenntnis genommen und die entsprechende Botschaft zuhanden des Parlaments verabschiedet. Insbesondere will der Bundesrat ein Kommando Cyber schaffen und die Milizbestände in diesem Bereich ausbauen. Neu soll unter anderem auch die Betriebssicherheit der Luftwaffe mit einer neuen Militärluftfahrtbehörde besser gewährleistet und die Unterstützung ziviler Anlässen gestärkt werden.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-84925.html)</i></p>
<p>MNS Stellungnahme 2021-06 01.09.2021</p>	<p>"Vereint macht dauerhaft, Zertrennung unheil schafft"</p> <p><i>Wahlspruch Zunft zum Widder, Zürich</i></p>	<p>Schlimmer noch als die notorischen Armee-Abschaffer GSoA, SP und Grüne Schweiz sind unterlegene Anbieter, gewisse Journalisten als unsägliche Steigbügelhalter und unverständlicherweise auch Exponenten aus Armeekreisen, die zurzeit versuchen, die Beschaffung des F-35 mit dem Ziel eines neuen Auswahlverfahrens zu Gunsten eines europäischen Modells zu torpedieren. Eine solche Strategie muss als realitätsfern und verhängnisvolle Fehleinschätzung gewertet werden.</p> <p>In der aktuellen Gemengelage Air2030 geht es bei der Beschaffung unseres neuen Kampfflugzeugs nun vorrangig und entscheidend darum:</p> <p><i>(Vollständige Stellungnahme im Anhang zu diesem NACHBRENNER Versandmail vom 10.09.2021)</i></p>
<p>forum-flugplatz.ch 01.09.2021</p>	<p>Homepage swiss-f35.ch</p>	<p>Ich nutze die Gelegenheit gerne, um auf die vom Forum Flugplatz Dübendorf mit seinem initiativen Präsidenten Peter Bosshard gestaltete und betriebene Homepage «https://www.swiss-f35.ch/» aufmerksam zu machen. Die Seite mit dem Titel «Swiss F-35» hat zum Ziel, eine am Thema interessierte Leserschaft zeitnah über die F-35-Beschaffung und des damit verbundenen politischen Prozesses zu informieren. Leider versuchen Armeegegner und solche, die lieber einen anderen Flugzeugtyp wünschen, die F-35A aus politischen und anderen Gründen zu diskreditieren. Diese Webseite will dazu einen faktenbasierten Kontrapunkt bieten. Sie ist ab dem 1. September 2021 in Betrieb.</p>
<p>srf.ch 31.08.2021</p>	<p>Stopp-F-35-Initiative - Eine «undemokratische»</p>	<p>Es war ein denkbar knappes Resultat im letzten September. 50.1 Prozent Ja-Stimmen. Doch es war eine Mehrheit, die dem Bundesrat das Vertrauen aussprach, den für die Schweiz geeignetsten Kampfjet auszuwählen. Ist es also eine Zwängerei, ja geradezu «undemokratisch», wie die Kampfjet-Befürworter kritisieren, dass nun ein Initiativkomitee nochmals über den Kauf abstimmen lassen will?</p>

	Initiative mit gewissen Erfolgchancen	<i>(Vollständige Analyse von Andy Müller abrufbar unter: https://www.srf.ch/news/schweiz/stopp-f-35-initiative-eine-undemokratische-initiative-mit-gewissen-erfolgchancen)</i>
vbs.admin.ch 31.08.2021	Richtig- und Klarstellungen	In einem Beitrag vom 31. August 2021 stellt Radio SRF in der Sendung «Echo der Zeit» in Frage, dass die Offerte des US-Staats für den F-35A als neues Kampfflugzeug für die Schweiz verbindlich sei. Diese Darstellung ist falsch. Das Bundesamt für Rüstung armasuisse hält dazu fest: <i>(Die Richtigstellung ist abrufbar unter: https://www.vbs.admin.ch/de/aktuell/richtigstellungen.html)</i>
nzz.ch 31.08.2021	Linke will neue Kampfjet-Abstimmung erzwingen	Ein linkes Komitee hat am Dienstag eine Volksabstimmung gegen den F-35 lanciert. Die Wirtschaft setzt sich dagegen vehement für die Beschaffung des US-Kampfjets der neuesten Generation ein. <i>(Vollständiger registrierpflichtiger Artikel von Georg Häsler Sansano abrufbar unter: https://www.nzz.ch/schweiz/die-linke-will-die-naechste-volksabstimmung-ueber-das-neue-kampfflugzeug-erzwingen-ld.1643005)</i>
tagblatt.ch 31.08.2021	Initiative gegen US-Kampfjets: Eine Zwängerei der Armegegner und eine Verteidigungsministerin ohne Plan	Die Armegegner wollen den F-35 mit einer Volksinitiative abschiessen. Ihre Chancen sind intakt, wenn Bundesrätin Viola Amherd und das VBS so weitermachen. <i>(Vollständiger Artikel abrufbar unter: https://www.taagblatt.ch/meinung/kommentare/kommentar-initiative-gegen-us-kampfjets-eine-zwaengerei-der-armeegegner-und-eine-verteidigungsministerin-ohne-plan-ld.2181077)</i>
MNS Konrad Alder 31.08.2021	Arme Schweiz!	Die Interview-Stellungnahmen der NR Marionna Schlatter und Priska Seiler Graf im Zusammenhang mit der Pressekonferenz zum Start der Unterschriftensammlung von GSoA, SP und Grünen Schweiz sind im Lichte ihrer Äusserungen in der Abstimmungskampagne im September 2020 der Gipfel der Unverfrorenheit und Unehrllichkeit: "Man sei nicht gegen ein europäisches Kampfflugzeug (und erwähnt den Rafale), nur gegen den F-35 Luxusbomberaus US amerikanischer Fertigung!!! Kommt hinzu: Woher wollen GSoA, SP und Grüne bei Ihrem Initiativtext «Das Armeebudget wird entsprechend angepasst»

		<p>dann überhaupt die finanziellen Mittel für den Kauf eines teureren, aber weniger leistungsfähigen europäischen Kampfflugzeugs anstelle des F-35A nehmen? Man merkt die Absicht und man ist einmal mehr verstimmt!</p> <p>Die roten und grünen Sicherheitspolitiker in Bern sind nicht einmal mehr ehrlich an ihrer verantwortungsvollen Arbeit. Sie lügen wie gedruckt. Von ihrer mangelnden fachlichen Kompetenz ganz zu schweigen.</p>
nzz.ch 31.08.2021	Linke will neue Kampffjet-Abstimmung erzwingen	<p>Ein linkes Komitee hat am Dienstag eine Volksabstimmung gegen den F-35 lanciert. Die Wirtschaft setzt sich dagegen vehement für die Beschaffung des US-Kampffjets der neuesten Generation ein.</p> <p><i>(Vollständiger registrierpflichtiger Artikel von Georg Häsler Sansano abrufbar unter:</i> https://www.nzz.ch/schweiz/die-linke-will-die-naechste-volksabstimmung-ueber-das-neue-kampfflugzeug-erzwingen-ld.1643005?mktcid=sms&mktcval=E-mail%3CBR%3Ehttps%3A%2F%2Fwww.nzz.ch%3CBR&reduced=true<i>)</i></p>
GSoA 31.08.2021	Text Eidgenössische Volksinitiative «Gegen den F-35 (Stopp F-35)»	<p>Im Bundesblatt veröffentlicht am 31.08.2021. Die unterzeichneten stimmberechtigten Schweizer Bürgerinnen und Bürger stellen hiermit, gestützt auf Art. 34, 136, 139 und 194 der Bundesverfassung und nach dem Bundesgesetz vom 17. Dezember 1976 über die politischen Rechte, Art. 68ff., folgendes Begehren:</p> <p>Die Bundesverfassung (1) wird wie folgt geändert: Art. 197 Ziff. 13 (2) 13. Übergangsbestimmungen zu Art. 60 (Organisation, Ausbildung und Ausrüstung der Armee)</p> <p>1 Der Bund beschafft keine Kampfflugzeuge des Typs F-35. 2 Das Armeebudget wird entsprechend angepasst. 3 Diese Bestimmungen treten am 1. Januar 2040 ausser Kraft.</p> <p>(1) SR 101 (2) Die endgültige Ziffer dieser Übergangsbestimmungen wird nach der Volksabstimmung von der Bundeskanzlei festgelegt</p>

<p>gruene.ch 31.08.2021</p>	<p>Stoppen wir den Tarnkappenbomber F-35!</p>	<p>Findest du, die Schweiz brauche eine riesige Kampffjet-Flotte? Es sei jetzt an der Zeit für einen amerikanischen Luxuskampffjet? Auch Ferrari der Lüfte genannt? Ein Tarnkappenbomber, der für den Erstschlag, für offensive Bombardierung und den Luftkampf konzipiert ist? Dafür bist du bereit Milliarden auszugeben? 😱</p> <p>Nicht? Gut, dann bist du – wie wir GRÜNE – nicht auf der Linie des Bundesrates. Um die vom Bundesrat vorgesehene Beschaffung des Luxuskampffjets zu verhindern, haben wir heute die Initiative gegen den F-35 lanciert.</p> <p><i>(Vollständiger Aufruf zur Unterschrift der Initiative abrufbar unter: https://gruene.ch/gesellschaft/frieden-und-sicherheit/stopp-f-35)</i></p>
<p>allianzsicherheit.ch 31.08.2021</p>	<p>Medienmitteilung: Allianz Sicherheit Schweiz stellt sich der GSoA-Salamitaktik entgegen</p>	<p>Im Abstimmungskampf kämpfte die GSoA mit dem Kostenargument gegen die Beschaffung. Nun wird das günstigste und modernste Flugzeug beschafft, aber auch hier findet die GSoA neue Argumente. Sie will nicht nur den Typenentscheid via Verfassungsänderung verhindern, sondern auch gleich die Kürzung des Armeebudgets in der Verfassung festschreiben. Die GSoA stellt damit unter Beweis, dass es ihr nicht um die Wahl eines anderen Flugzeugtypen geht, sondern, dass sie den Volksentscheid zur Beschaffung eines Kampfflugzeuges schlichtweg ignoriert. Ihre Argumentation erweist sich damit als Salamitaktik und politische Zwängerei.</p> <p><i>(Vollständige Medienmitteilung Allianz Sicherheit Schweiz abrufbar unter: https://allianzsicherheit.ch/2021/08/31/allianz-sicherheit-schweiz-stellt-sich-der-gsoa-salamitaktik-entgegen/)</i></p>
<p>admin.ch 31.08.2021</p>	<p>Kontrollschüssen mit Stinger-Lenk Waffen in der Türkei</p>	<p>Bereits zum fünften Mal überprüft armasuisse zusammen mit der Schweizer Armee im Rahmen eines technischen Munitionsüberwachungsschiessen ihre Stinger-Lenk Waffen auf ihre Funktionstüchtigkeit.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-84906.html)</i></p>
<p>blick.ch 30.08.2021 00:23</p>	<p>Amherd verspricht günstige Jets</p>	<p>Verteidigungsministerin Viola Amherd muss nochmals ran. Am Dienstag startet die Initiative gegen den Kauf von US-Kampffjets. Im Blick-Interview spricht sie über Wunder, schlechte Verlierer und Vorbilder.</p> <p><i>(Vollständiger Beitrag einschliesslich Video abrufbar unter: https://www.blick.ch/politik/erstmals-seit-dem-kampffjet-entscheid-spricht-die-verteidigungsministerin-ueber-die-f-35-amherd-verspricht-queenstige-jets-id16788902.html?utm_source=newsletter&utm_medium=email&utm_campaign=weekday-2021-08-30)</i></p>

sp-ps.ch 28.08.2021	Die SP ist die Partei der Freiheit	<p>Heute fand in St. Gallen der Parteitag der SP Schweiz statt. Der heutige Parteitag hat die Unterstützung der Initiative gegen den Kauf von F-35A-Kampffjets beschlossen.</p> <p><i>(Ergänzende Information nzz.ch vom 30.08.2021: Ja sagten die Sozialdemokratinnen und Sozialdemokraten auch zur Stopp-F-35-Initiative: diese mit 252 gegen 48 Stimmen bei 23 Enthaltungen.)</i></p>
nationalinterest.org 28.08.2021	Unstoppable: Can Anyone Overcome the F-35 Fighter's 60:1 Advantage?	<p>The Red Flag exercise, and annual live combat-like training event, drew from an unprecedented amount of advanced threat scenarios, representing "near peer" threats. Red Flag aggressors, according to the Air Force report, included "advanced integrated air-defense systems, an adversary Air Force, cyber-warfare and information operations."</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://nationalinterest.org/blog/reboot/unstoppable-can-anyone-overcome-f-35-fighter%E2%80%99s-601-advantage-192705)</i></p>
vtg.admin.ch 26.08.2021	Luftwaffenformationen proben die Mobilmachung	<p>Als letzte Sicherheitsreserve des Bundes ist die Armee bereit, zu helfen zu schützen oder auch zu kämpfen, wenn sie gebraucht wird. Als Grundlage für diese Fähigkeit dient die Mobilmachung. Im Rahmen der Übung «Aero 21» haben fünf Formationen der Luftwaffe zum ersten Mal eine Mobilmachung in dieser Grössenordnung einem Stresstest unterworfen.</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://www.vtg.admin.ch/de/organisation/kdo-op/lw.detail.news.html/vtg-internet/verwaltung/2021/21-08/210826-aero21.html)</i></p>
srf.ch 20.08.2021	Podcast Kampffjet F35	<p>Der F-35A ist ein Kampfflugzeug der 5. Generation. Wie er sich zu anderen Kampfflugzeugen unterscheidet und zu was der F-35A fähig ist, erklärt Beni Berset, Cheftestpilot im Projekt «Neues Kampfflugzeug» im Podcast SRF Digital. Wir zeigen, was an digitaler Technologie im Kampffjet F35 steckt.</p> <p><i>(Podcast abrufbar unter: https://www.srf.ch/audio/digital-podcast/kampffjet-f35-kritik-an-apple-groesster-bankraub-der-geschichte?id=12040578)</i></p>

		Luft- und Marineluftstreitkräfte sowie strategische und weitere luftgestützte Einsatzmittel
latribune.fr 08.09.2021	IND: India offers 56 C-295MW (Airbus) transport aircraft	<p>The Indian Ministry of Defence has approved the purchase of 56 C-295MW transport aircraft. Sixteen aircraft will be delivered by Airbus from Seville, and the remaining 40 will be manufactured by Tata in India as part of the "Make in India" policy.</p> <p>(Ergänzende Information mod.gov.in vom 08.09.2021: All aircraft to be installed with indigenous Electronic Warfare Suite. To replace the ageing Avro aircraft of IAF. Transport aircraft of 5-10 Tonne capacity with contemporary technology.)</p>
defenseworld.net 08.09.2021	RUS: Russia to Modernize MiG-31 Fighters	<p>Two contracts pertaining to the same were signed on August 24 during the ARMY-2021 Forum. One of the contracts inked is for the upgrade of MiG-31K fighter-interceptors that are capable of carrying "Kinzhal" hypersonic missiles. The other state contract is to modernize MiG-31 aircraft to the MiG-31BM configuration, the company said in a recent release. Efficiency of modernized MiG-31BM is said to be 2.6 times greater than basic MiG-31. The MiG-31BM's maximum detection range for air targets was increased in the upgrade to 320 km. It had the ability to automatically track up to ten targets, and the latest units can track up to 24 targets and simultaneously engage up to eight targets. The on-board Argon-K is replaced with new Baget 55-06 computer that selects four targets of highest priority, which simultaneously are engaged by long-range air-to-air missiles. New long range missile with speed of Mach 6 and range up to 400 km (250 mi) is developed during modernization process for use with newly modernized MiG-31. MiG-31BM has multi-role capability as is capable of using anti-radar, air to ship and air to ground missiles. It has a refueling probe. MiG-31BM broke world record while spending seven hours and four minutes in the air while covering the distance of 8,000 km.</p> <p>The MiG-31K is the modified MiG-31BM variant capable of carrying hypersonic Kh-47M2 Kinzhal missiles. With this modification and with removed APU for air-to-air missiles, the aircraft gained a sole role of an attack aircraft.</p>
defensenews.com 07.09.2021	USAF: New US Air Force study asks: What's the right number of F-35s?	<p>A new tactical aircraft study underway could make certain what has until now been a suspicion: The U.S. Air Force is unlikely to purchase all of the 1,763 F-35A jets in its program of record. The service is undertaking the study as it readies its fiscal 2023 budget and grapples with reducing the types of fighters it flies from seven to four main platforms by 2030, as prescribed by the service's chief of staff.</p>

		<p>The four platforms could include:</p> <ul style="list-style-type: none"> The sixth-generation Next Generation Air Dominance system, or NGAD, which will supersede the F-22. The F-35A Joint Strike Fighter, which will make up the preponderance of the fleet. The F-15EX, which will replace much of the existing F-15 inventory. And either the F-16 or its replacement. <p>That last decision is the most significant for the F-35 program. The Air Force's original plan was to purchase enough F-35s to supersede all of its F-16s. So if the Air Force keeps the F-16 — or develops a separate low-cost replacement for part of the F-16 fleet — does it need to buy as many F-35s?</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.defensenews.com/digital-show-dailies/air-force-association/2021/09/07/new-us-air-force-study-asks-whats-the-right-number-of-f-35s/<i>)</i></p>
<p>dailysabah.com 07.09.2021</p>	<p>TUR: Turkey says open to cooperation on 5th-gen fighter jet</p>	<p>Turkey is open to talking with anyone who wants to cooperate on projects such as manufacturing a combat aircraft jointly, Turkey's top defense body chairperson said late Monday, answering a question about whether Ankara has intentions to build such craft with Moscow. One of the country's most-awaited projects, the National Combat Aircraft (MMU) will be a fifth-generation domestically designed stealth fighter jet. Turkish Aerospace Industries (TAI) is the main contractor of the project, and it will also see contributions from several local defense industry firms. The combat aircraft will be unveiled for the first time on March 18, 2023.</p> <p>The MMU will be powered by a ready-made engine in the beginning, with future iterations employing an engine to be developed by TRMotor. Demir had also said earlier on regarding engine procurement that British Rolls Royce had offered to develop engines for this particular aircraft in a certain partnership; however, not all the conditions were acceptable by Ankara.</p> <p>Among other projects for which the country is also eagerly awaiting, Demir mentioned that an unmanned fighter jet and a domestic rocket to be sent into space are at the top of the list in terms of generating excitement.</p>
<p>janes.com 06.09.2021</p>	<p>KWT: Boeing completes Super Hornet deliveries for Kuwait</p>	<p>With Kuwait's 22 single-seat F/A-18Es and six twin-seat F/A-18Fs being contracted in a government-to-government deal, they have all been handed over to USN ahead of their expected transfer to the Kuwait Air Force (KAF) in the coming months (a precise timeline has not been disclosed). As previously reported by Janes, this delivery milestone was delayed slightly due to the effect of the Covid-19 pandemic. In November 2016</p>

		<p>the US State Department approved the sale of up to 40 Super Hornets (32 F/A-18Es and eight F/A-18Fs) for Kuwait, valued at USD10.1 billion (including related equipment and support).</p> <p>The deal for Kuwait (including radar warning receivers and weapons) involves Super Hornets built largely to the USN's latest Block 3 standard (with some legacy Block 2 elements reportedly retained). The Block 3 includes upgrades to the Raytheon AN/APG-79 active electronically scanned array radar; an Elbit Systems large area display 'glass' cockpit and next-generation avionics; an infrared search and track; Integrated Defensive Electronic Countermeasures; and new General Electric F-414-400 enhanced engines. Further to the capability enhancements, the Block 3 airframe is extended from 6,000 to 9,000 hours. The previously included 'shoulder-mounted' conformal fuel tanks were axed by the USN earlier in 2021.</p>
defbrief.com 05.09.2021	TUR: Turkey receives first KC-135R upgraded to Block 45 standard	<p>The Turkish defense ministry has welcomed its first KC-135R Stratotanker aerial refueling aircraft to undergo the Block 45 upgrade. The Turkish Air Force currently has a total of 7 Stratotankers, with the remaining six currently configured with GATM (Block 40.4) avionics. Block 45 upgrades will match Turkey's Stratotankers to the US Air Force's Block 45.1 configuration, which introduces digital avionics cockpit instruments to an aircraft model that first flew in the 1950s. The instrument panel replacement modification replaces most of the remaining analog gages in the cockpit of the aging KC-135 with new instrumentation, coupled with a modern LCD display. Avionics such as the radio altimeter, auto-pilot, digital flight director and other components associated with these systems in the aircraft are also replaced.</p>
tass.com 04.09.2021	RUS/CHN: Russia ready to supply China with new Su-35 fighters if there is interest	<p>Russia is ready to partner with China in the supply of Sukhoi Su-35 multipurpose combat aircraft, Director of the Federal Service for Military-Technical Cooperation Dmitry Shugaev told reporters at the Eastern Economic Forum (EEF-2021). "To date, no new applications from China for the purchase of additional batches of multirole Su-35 fighters have been received. At the same time, Russia is ready for further cooperation with the Chinese side on this topic upon receiving relevant requests," Shugaev said.</p> <p><i>(Ergänzende Information thediplomat.com vom 17.04.2019: Russia has completed the delivery of 24 Sukhoi Su-35S (NATO reporting name: Flanker-E) multirole fighter aircraft destined for service in the People's Liberation Army Air Force (PLAAF), Russia's Federal Service for Military-Technical Cooperation (FSVTS) told local media on April 16. "In compliance with the contract, all the Su-35 planes have been delivered to the foreign customer," FSVTS was quoted as saying by TASS news agency. A FSVTS official also confirmed the delivery of the fighter aircraft to China in a statement to IHS Jane's on April 16. The official did not reveal when the last batch of aircraft was delivered.)</i></p>
royalnavy.mod.uk 03.09.2021	RN/USN/KOR:	<p>It's the first time the US and UK carrier strike groups have worked together and it saw the two F-35B Lightning jet squadrons from Queen Elizabeth work closely with four F-35C Lightnings, five F/A-18 E/F Super Hornets,</p>

	UK Carrier Strike Group completes joint F-35 missions and exercises with Republic of Korea	two EA-18G Growlers and a E-2D Advanced Hawkeye from USS Carl Vinson. It was the first time the UK Carrier Strike Group has interacted with the 'C' model of the F-35 jet, which is intended for catapult launches from aircraft carriers opposed to the short take-off and vertical landing versions that HMS Queen Elizabeth operates. "Additionally, the mission further demonstrates the F-35's ability to support distributed maritime operations, refuelling 5th generation aircraft from Super Hornets allows the United States and our allies to operate stealth fighters inside contested areas where legacy platforms could be vulnerable." The UK Carrier Strike Group then looked to the Korean peninsula and exercises with the Republic of Korea Navy.
flightglobal.com 03.09.2021	CHN: China's Y-20U tanker spotted flying with fighter	Footage has emerged of China's new Xian Y-20U tanker aircraft working with a Chinese fighter. The short video shows what appears to be a Y-20U with either a Shenyang J-11 or J-16 fighter just behind its left wing. The Y-20U variant is distinguished by under-wing refuelling pods located between the jet's wingtips and outboard engines. The Xian Y-20U is based on the Y-20A strategic transport. While Beijing has given considerable exposure to its Y-20A strategic transport – on which the tanker variant is based – little is known about the Y-20U. There is speculation that one or two examples may already have entered service with the People's Liberation Army Air Force (PLAAF). Air-to-air refuelling capacity is seen as a weakness for the PLAAF, which operates just 24 Harbin H-6Us and a trio of Ilyushin Il-78s in the tanker mission. Improved tanking capacity would greatly enhance the effectiveness of new types such as the H-6N – the first H-6 bomber variant with a refuelling probe – and the developmental Xian H-20 bomber. In addition, Chinese fighters are equipped with air-to-air refuelling probes. The Y-20U could one day be the core of China's air-to-air refueling capability. In addition to the Y-20U, Beijing is understood to be developing an airborne early warning and control variant tentatively designated KJ-3000.
sputniknews.com 03.09.2021	RUS: Two-Seater Version of Russia's New Checkmate Fighter Will be Offered to Woo Foreign Buyers	A prototype of the fifth-generation fighter jet was unveiled this past July at the MAKS-2021 air show. While it's based on the same advanced technology used in making Russia's first fifth-generation fighter, the Su-57, it has a number of unique features, including a single jet engine instead of two. Likely buyers include nations from the Middle East, North Africa and Southeast Asia, Russian Federal Service for Military-Technical Cooperation Director Dmitry Shugayev told Sputnik during the debut air show. Denis Manturov, the head of Russia's Ministry of Industry and Trade noted Friday that foreign buyers often ask for two-seat versions of aircraft, such as the Su-30 variant of Sukhoi's Su-27 fighter, so he anticipates a two-seat version of Checkmate will also be sought, in which case it will be built. However, he noted the Russian Air Force will likely have use for such an aircraft, as well. Two-seat versions of aircraft can serve a variety of purposes, including facilitating training of pilots or allowing a second pilot to be a dedicated weapons officer. In the forthcoming two-seat version of the Su-57, the second pilot's concern will be directing a swarm of Okhotnik combat drones that can accompany the stealthy jet on missions. Sukhoi expects to begin deliveries within the next six years.

<p>alert5.com 01.09.2021</p>	<p>RAF/USN: F-35Bs from HMS Queen Elizabeth conduct mid-air refueling with F/A-18E from USS Carl Vinson</p>	<p>Two F-35B Lightning II from Marine Fighter Attack Squadron (VMFA) 211, embarked on the Royal Navy aircraft carrier HMS Queen Elizabeth (R08), and an F/A-18E Super Hornet, assigned to Strike Fighter Squadron (VFA) 192, embarked on aircraft carrier USS Carl Vinson (CVN 70), conduct mid-air refueling in support of joint interoperability flights between Carl Vinson Carrier Strike Group (VINCSG) and U.K. Carrier Strike Group (CSG-21), Aug. 26, 2021. Carl Vinson Carrier Strike Group is on deployment in the U.S. 7th Fleet area of operation to enhance interoperability with allies and partners to serve as a ready-response force in support of a free and open Indo-Pacific region.</p> <p><i>(Ergänzende information globaltimes.cn vom 08.09.2021: As the first carrier to get the F-35C, the USS Carl Vinson went straight to the South China Sea with the aim of deterring China, but China has already developed a number of anti-stealth radar systems, so the F-35C can be detected, Fu said, noting that China also has countermeasures against the vertical take-off and landing-capable CMV-22Bs, which could land on islands and reefs in the region.)</i></p>
<p>news.usni.org 01.09.2021</p>	<p>USN/JPN: U.S. Marine F-35Bs to Operate off Largest Japanese Warship Later This Year</p>	<p>U.S. Marine F-35B Lightning II Joint Strike Fighters will operate off a Japanese warship later this year, Marine Corps Commandant Gen. David Berger said on Wednesday. In November, the Marine F-35Bs will embark on one of the two 24,000-ton Izumo-class helicopter destroyers in an exchange that could lead to a similar program in which a U.S. Marine JSF squadron embarked aboard U.K. Royal Navy aircraft carrier HMS Queen Elizabeth (R08) this year. The warship will likely be JS Izumo (DDH-183). Izumo completed the first phase of the modifications to accommodate F-35s in July. The modification of Izumo and Kaga are paired with a planned JSDF buy of 42 F-35Bs to operate from the two ships. The first of the JSDF F-35Bs are set to arrive in Fiscal Year 2023.</p>
<p>janes.com 01.09.2021</p>	<p>NATO: NATO MMU receives fifth MRTT</p>	<p>The Multinational Multirole Tanker Transport Unit (MMU) received its fifth Airbus A330 MultiRole Tanker Transport (MRTT) aircraft on 31 August. Aircraft MMF5/T-058 of the Multinational MRTT Fleet (MMF) was delivered to the unit's main operating station at Eindhoven Airbase in the Netherlands, it was announced by the NATO Support and Procurement Agency (NSPA), which manages the fleet on behalf of the MMF nations. The MMF capability comprises NATO members Belgium, the Czech Republic, Germany, Luxembourg, the Netherlands, and Norway, with the MMU operating unit composed of military personnel from these six participating nations. Five MRTTs will operate from Eindhoven Airbase, with a further four operating from the forward operating base at Cologne-Wahn airbase (one of which will be permanently configured for the medical evacuation role).</p>

<p>airbus.com 01.09.2021</p>	<p>KAZ: The Republic of Kazakhstan orders two Airbus A400Ms</p>	<p>The Republic of Kazakhstan has placed an order for two Airbus A400M aircraft and becomes the ninth operator together with Germany, France, United Kingdom, Spain, Turkey, Belgium, Malaysia and Luxembourg. With delivery of the first aircraft scheduled in 2024, the contract includes a complete suite of maintenance and training support. This new export contract brings the total number of A400M orders to 176 aircraft.</p>
<p>latribune.fr 31.08.2021</p>	<p>DEU/FRA/ESP: Berlin, Madrid and Paris put more than €8 billion to finance the SCAF until 2027</p>	<p>A few weeks before the German federal elections (26 September), Germany, Spain and France signed on Monday evening in Paris the intergovernmental agreement for the continuation of the SCAF (Future Air Combat System) program until the first flight of the demonstrator in 2027 (phases 1B and 2). The three states will finance phase 1B (2021-2024) to the tune of €3.6 billion, or €1.2 billion each, Florence Parly's cabinet was assured, which estimates the duration of this phase between 32 and 40 months, depending on the pillars (the SCAF program has been divided into 7 pillars). It corresponds to the detailed studies with a view to arriving at the definition of a demonstrator. In addition, the amount planned by the three governments for phase 2 (2024-2027) amounts to a maximum of 5 billion euros to be distributed among the three countries, it is also specified in the minister's office. A phase that corresponds to the realization of the demonstrator, which must fly in 2027. These two phases mark a real change of scale compared to the sums so far spent by the three countries. Since 2017, they have spent only €250 million.</p>
<p>africom.mil 31.08.2021</p>	<p>NGA: U.S.-made A-29 Super Tucano aircraft officially inducted into Nigerian Air Force</p>	<p>U.S. Department of Defense leaders attended the A-29 Super Tucano induction ceremony, hosted by Nigerian Minister of Defence Bashir Salihi Magashi and the Nigerian Air Force, here Aug. 31. The Super Tucanos were the impetus for significant deepening of training and professional relationships. Precision targeting, air-to-ground integration, and human rights training are all included in the partnership between the U.S. and Nigeria. The aircraft will assist the Nigerian Air Force in their fight against violent extremist organizations including the Islamic State West Africa Province. The joint structure of air-to-ground integration also supports Nigerian Army and Navy operations. A total of 64 pilots and maintainers from the Nigerian Air Force trained to U.S. standards with the U.S. Air Force's 81st Fighter Squadron at Moody Air Base in Georgia, USA.</p> <p>Nigeria purchased the A-29s through the Foreign Military Sales program, which follows the Department of Defense's "Total Package Approach" model and includes spare parts for several years of operation, contract logistics support, munitions, and a multi-year construction project to improve Kainji Air Base infrastructure. The total sale is valued at almost \$500 million, making it the largest FMS program in sub-Saharan Africa. The A-29 can perform intelligence, surveillance, reconnaissance, and precision air-to-ground strikes, strengthening Nigeria's ability to fight terrorism.</p>

latribune.fr 30.08.2021	FRA/DEU/ESP: Air Combat System of the Future (SCAF): How Dassault Aviation and Airbus divided the development of the NGF	Dassault Aviation obtains about 38% of the workload of the NGF (Next Generation Fighter) on all strategic and secondary batches under phase 1B of the SCAF program, according to a document from the German employers' organization in aeronautics, bdl. For its part, Airbus will have 62%, divided between Germany (32%) and Spain (30%).
		Hubschrauber und Kipprotor-Flugzeuge
janes.com 08.09.2021	GBR: UK to retire Tranche 1 Typhoons with more than half of airframe hours remaining	The UK's recently revealed plan to prematurely retire in 2025 its Tranche 1 Eurofighter Typhoon combat aircraft will see the fleet axed with more than half of its airframe fatigue life remaining, the government said on 7 September. There are 30 Typhoon Tranche 1 aircraft in the sustainment fleet that would be retired with an average of nearly 60% of their airframe fatigue lives remaining. Of the 53 Tranche 1 aircraft received by the Royal Air Force (RAF), 30 remain in the inventory. Of these, the Ministry of Defence (MoD) told Janes that 20 are in active service while the remaining 10 are in storage.
airbus.com 07.09.2021	USANG: Airbus delivers first UH-72B Lakota helicopter to the U.S. Army National Guard	Airbus Helicopters, Inc. has delivered the first UH-72B, the latest variant of its Lakota helicopter, to the U.S. Army National Guard from its production facility in Columbus, Mississippi. This delivery is the first of 18 UH-72B Lakota helicopters currently on order to support the National Guard's critical missions. Based on the widely successful H145, the UH-72B incorporates technologies that increase both safety and flight performance, including the five-bladed main rotor, the Fenestron shrouded tail rotor, Safran Arriel 2E engines, and the Airbus-designed Helionix avionics suite. The Helionix suite includes an advanced dual-duplex, four-axis autopilot to provide flight envelope and over-limit protection, automated takeoff, and fully-coupled approaches to hover.
lockheedmartin.com/ boeing.com 07.09.2021	US ARMY: Sikorsky-Boeing Delivers Future Long-Range Assault Aircraft	Today the Sikorsky-Boeing team released the following statement on the early submittal of the proposal for DEFiant X for the U.S. Army's Future Long-Range Assault Aircraft (FLRAA). This statement can be attributed to Paul Lemmo, president, Sikorsky, and to Mark Cherry, vice president and general manager, Vertical Lift, Boeing Defense, Space & Security: "Continuing a 75-year partnership with the U.S. Army, providing and

	Proposal Early to U.S. Army	<p>sustaining the iconic BLACK HAWK, Chinook and Apache, the Sikorsky-Boeing team looks to the future with the Future Long-Range Assault Aircraft - DEFIANT X. Today, Team DEFIANT completed and submitted the proposal for the U.S. Army's FLRAA competition, offering low-risk, transformational capability that delivers on an Army critical modernization priority and advances the future of Army aviation. DEFIANT X delivers speed where it matters, survivability, unsurpassed power, maneuverability, superior handling in any environment and lower lifecycle costs – while operating in the same footprint as the BLACK HAWK. We are confident that DEFIANT X, supported by our longstanding Army industrial base suppliers, is the best choice for delivering overmatch on the Multi-Domain Operational battlefield in INDOPACOM and across the globe.”</p> <p><i>(Detaillierte Information über FLRAA Defiant X abrufbar unter: https://www.lockheedmartin.com/fvl.)</i></p>
economictimes. indiatimes.com 30.08.2021	IND: Rs 14,000 crore 'Make in India' boost for Army via Akash missiles, Dhruv choppers procurement	In a major boost to 'Make in India' in the defence sector, the Indian Army has sent proposals worth around Rs 14,000 crore to acquire two regiments of the Akash-S air defence missile system and 25 Advanced Light Helicopters (ALHs) Dhruv Mark 3 for its aviation squadrons.
dailysabah.com 29.08.2021	IRQ: Iraq mulls buying Turkish helicopters, drones, military hardware	Iraq has reportedly expressed its interest in buying Turkish-built unmanned combat aerial vehicles (UCAVs), helicopters and military hardware. Speaking on Iraqi television, Iraqi Defense Minister Juma Anad Saadoun reportedly said that Iraq had “reached a consensus” with Turkey concerning the purchase of that country's Bayraktar TB2 UCAV. Saadoun also said that his government “intended” to purchase 12 individual T129 Tactical Reconnaissance and Attack Helicopters (ATAK) and sent a “request to buy” six of Turkey's Koral electronic warfare systems.
		Unbemannte Luftfahrzeuge (UAV) und Robotik
taiwannews.com.tw 08.09.2021	TWN: Taiwan-made drones to be deployed in	The second-generation Teng Yun unmanned aerial vehicle (UAV), developed by the National Chung Shan Institute of Science and Technology (NCSIST), has been conducting extensive performance tests at Jiashan Air Force Base in Hualien to prepare for the upcoming Han Kuang 37 military exercise. The second-generation

	upcoming Han Kuang exercise	Teng Yun has a larger fuselage and a U.S.-made new engine. Also, its propeller and related components in the UAV's rear have been significantly modified. NCSIST has already manufactured four Teng Yun UAVs, two of which are first-generation, developed in 2016, and the other two are the newest variant. The Teng Yuns will be deployed to participate in the Han Kuang 37 exercise and will be evaluated on their tactical performance. The Teng Yun project is expected to last for four years from 2018-2021 at a cost of NT\$3.45 billion (US\$124.50 million). It is hoped the drone will complete trials by the end of this year and mass production can start in 2022.
marines.mil 07.09.2021	3RD MAW procures Marine Corps first MQ-9A "REAPER"	Marine Unmanned Aerial Vehicle Squadron 1, 3rd Marine Aircraft Wing, procured the Marine Corps' first MQ-9A "Reaper" remotely piloted aircraft after transitioning from contractor owned, contractor operated to government owned, contractor operated at Marine Corps Aircraft Station Yuma, Arizona, August 30, 2021. In order to achieve the Commandant of the Marine Corps' vision of future force design, VMU-1 has transitioned from the RQ-21 Group 3 unmanned aircraft to the MQ-9A. With this transition to the MQ-9A, VMU-1 is currently engaged in executing maritime domain awareness operations in highly contested areas, providing friendly forces a multi-domain reconnaissance capability across the electromagnetic spectrum. The MQ-9A is a medium altitude, long endurance Group 5 remotely piloted aircraft capable of conducting multiple mission sets to include multi-sensor imagery reconnaissance, unmanned aerial escort, and electronic support.
defense.gov 07.09.2021	ITA: Mid-Life Modernization	General Atomics Aeronautical Systems Inc. was awarded a firm-fixed-price and fixed-price-incentive-firm \$30,547,124 order (FA8689-21-F-2800) to a previously awarded, indefinite-delivery/indefinite-quantity contract (FA8689-20-D-2020) for the Italy Mid-Life Modernization (MLM) Lot 1 MQ-9A Block 5 aircraft and Block 30 Mobile Ground Control Station (MGCS) procurement. Work is expected to be completed by Jan. 31, 2023.
israelradar.com 04.09.2021	ISR: Israeli Air Force Engaged in Rapid Buildup of UAV Fleet	<p>The Israeli Air Force is engaged in a massive and rapid buildup of its unmanned aircraft fleet, a senior officer says. The number of UAV squadrons keeps growing, and over 30 new pilots now graduate from every training course, according to a report by Mako News. Unmanned planes are widely deployed in high-risk zones and sensitive missions, and closely collaborate with helicopter squadrons and special forces, the officer said. By now, every IDF strike is preceded by mobilizing UAVs, Mako reported. In parallel, the Air Force recently opened its first-ever specialized munitions department for unmanned aircraft. The move is part of the IDF's adjustment to the battlefield of the future, where UAVs will play a more dominant role.</p> <p>The army is also getting dozens of heavy drones by the end of 2021 as part of the growing integration of robots into combat operations.</p>

economictimes. indiatimes.com 04.09.2021	IND: India places orders for drones, loitering munitions	The army has placed its first-ever order for swarm drone systems which are capable of surveillance and attack missions, cutting-edge loitering munitions that are being made in India, and drones capable of carrying loads to high altitudes.
ga-asi.com 03.09.2021	GA-ASI Demonstrates Airborne MUM-T Using MQ-20 Avenger	General Atomics Aeronautical Systems continues to advance new levels of autonomous control for unmanned aircraft, successfully completing an airborne Manned-Unmanned Teaming (MUM-T) demonstration on Aug. 25, 2021 pairing a company-owned MQ-20 Avenger with a modified King Air 200 as a surrogate for 4th- and 5th-generation tactical fighters. The flight demonstrated autonomous collaboration using command and control (C2) of the Avenger from a ruggedized tactical control tablet, integrated with Autonodyne's RCU-1000 Advanced Human Machine Interface, to provide real-time situational awareness combined with complex behavior tasking. The airborne node utilized a GA-ASI-modified King Air 200, which allowed for rapid integration and test of the C2 hardware.
defense.gov 01.09.2021	JPN/KOR: Global Hawk Program	Northrop Grumman Aerospace Systems was awarded a not-to-exceed \$39,852,000 cost-plus-incentive-fee and fixed-price (incentive) firm contract modification (P00032) for contract FA8620-18-C-1000 both the Japan and Republic of Korea Global Hawk Program. The contract provides for the co-development, test and integration of the Mode 5 software for the Republic of Korea and Japan Global Hawk fleets. The location of performance is San Diego, California, with integration efforts completing in both Misawa Air Base, Japan; and Sacheon, Air Base, Republic of Korea. The base award work is expected to be complete by July 31, 2023.
defenseworld.net 01.09.2021	Russian Drone Maker Kronstadt Signs First Export Contracts	Russian firm Kronstadt today announced contracts with several foreign countries for shipment of drones in 2022. The model(s) of drones or their numbers were not specified in a statement released by the company as reported by Zvezda, the Russian MoD's TV channel. However, on May 24, Sergey Bogatikov, CEO of Kronstadt had told Interfax that foreign customers are more interested in the reconnaissance and strike version of the Orion-E drone. "Together with Rosoboronexport, we are negotiating with representatives of the Commonwealth of Independent States (CIS) countries, the Middle East, Southeast Asia and Africa. I will not name specific countries. Components for the drone will be built at a plant in Dubna near Moscow and they will be delivered to Kronstadt in November. First of the drones will be delivered to the customers in 2022. <i>(Ergänzende Information tass.com vom 02.09.2021: The latest Orion-E reconnaissance drone will be capable of operating at a far greater range after it gets satellite communications, Kronshtadt Company CEO Sergei Bogatikov told TASS on Thursday. The Orion-E drone with a satellite system was demonstrated at the Army-2021 international military-</i>

		<p><i>technical forum outside Moscow in late August. "This helps considerably expand its operational range and get data from this vehicle in any point of the world when necessary," the chief executive said. A satellite system allows transmitting data and controlling the drone, he explained. At present, the Orion-E can be controlled via a radio channel at a range of 250 km. The Orion is a medium-altitude, long-duration unmanned aerial system with a maximum take-off weight of 1 tonne and a maximum payload weight of 200 kg.)</i></p>
<p>northropgrumman.com 01.09.2021</p>	<p>Northrop Grumman and Martin UAV Conduct Successful Flight Test for Future Tactical Unmanned Aircraft</p>	<p>Northrop Grumman Corporation and Martin UAV have completed successful flight testing of a V-BAT unmanned aircraft system (UAS) with new features including GPS-denied navigation and target designation capabilities. The enhanced V-BAT offers a near zero footprint, flexible vertical take-off and landing (VTOL) capability that is based on a platform deployed operationally today, to address the U.S. Army's Future Tactical Unmanned Aircraft System (FTUAS) mission. For FTUAS, the U.S. Army is seeking a rapidly deployable, GPS-denied navigation-capable, expeditionary VTOL system capable of persistent aerial reconnaissance for U.S. Army Brigade Combat Teams, Special Forces, and Ranger battalions. The offering is based on the industry leading Martin UAV V-BAT UAS. It is compact, lightweight, simple to operate, and can be set up, launched and recovered by a two-soldier team in confined environments. The V-BAT also is designed with sufficient payload capacity to carry a range of interchangeable payloads, including electro-optical/infra-red (EO/IR), synthetic aperture radar (SAR), and electronic warfare (EW) payloads, depending on mission-specific requirements.</p>
<p>taiwannews.com.tw 31.08.2021</p>	<p>TWN: Taiwan to establish small-drone defense system to protect vital military assets</p>	<p>The Taiwanese military will begin working on a remote-control drone defense system starting next year, and the project's budget has already been approved by the central government. The Institute for National Defense and Security Research's (INDSR) Division of Chinese Politics, Military and Warfighting Concepts has warned that Chinese manufacturers dominate the global commercial market for small drones, CNA reported. Therefore, it is inevitable that during a Chinese invasion, Taiwan's military will face the threat of drones.</p> <p>According to a government budget report, in order to counter enemy unmanned aerial vehicles, a remote-controlled drone defense system should be created to protect military bases, ports, and airports. Additionally, they should be deployed on outlying islands, barracks, high mountain platforms, and vital missile launch sites. The system will be able to carry out reconnaissance, efficiently sabotage enemy drone operations, and boost the nation's defense capabilities and operations, the report said. The project was initiated by the Air Force, and the three military branches have set a total budget of NT\$4.35 billion (US\$157.03 million) for the system, per CNA.</p> <p>The Army has already purchased five sets of the drone defense system and 232 jamming guns. The Navy only disclosed that it has bought 43 jamming guns, and the Air Force has said it will be setting up systems at 45 sites across Taiwan.</p>

dailysabah.com 31.08.2021	TUR: Turkish firm strengthens unmanned mini chopper for military use	Turkey's unmanned mini chopper, Alpin, used in civilian missions, has been modernized for military missions with possible weapon and ammunition integration, according to the most recent statements from the manufacturing company. Alpin was developed by Titra Technology and was first used in the field during firefighting missions against the recent wildfires in Turkey's south. Selman Dönmez, head of Titra Technology, told Anadolu Agency (AA) said that they have now developed a new body for the unmanned helicopter. He added that, with the changes, they are preparing it for military missions. We have strengthened Alpin for weapon and ammunition integration, he said.
dailysabah.com 29.08.2021	TUR: Security forces get Akıncı, Turkey's most advanced drone to date	<p>The Turkish military Sunday received a delivery of the most advanced and sophisticated drone built by the country to date, enlarging a fleet that has already proved its success in the field. The Bayraktar Akıncı, an unmanned combat aerial vehicle (UCAV), was developed by the drone magnate Baykar. The Akıncı is longer and wider than the Bayraktar TB2 and will perform strategic tasks. It has a 20-meter (65-foot) wingspan with its unique twisted-wing structure. It promises high flight safety thanks to its fully automatic flight control and triple-redundant autopilot system. It has two 450-horsepower engines but can be equipped with 750-horsepower engines or locally made 240-horsepower engines. The Akıncı will carry various weaponry, including a range of missiles such as Smart Micro Munitions (MAM-L) developed by prominent Turkish contractor Roketsan. It will be equipped with the locally produced active electronically scanned array (AESA) radar and air-to-air missiles Gökdoğan (Merlin) and Bozdoğan (Peregrine).</p> <p>Akıncı in July set a new national aviation record as it flew at an altitude of 11,594 meters (38,039 feet). Although it was initially designed to have an impressive 24 hours of endurance, the drone stayed in the air for 25 hours and 46 minutes during the flight tests in the Akıncı Flight Training and Test Center in the Çorlu district of Tekirdağ. The drone covered a distance of 7,507 kilometers in the air.</p>
janes.com 27.08.2021	RUS: Army 2021: Kronshtadt displays expanded range of weapons for Grom UAV	Russian company Kronshtadt has taken the opportunity at the Army 2021 exhibition being held in Kubinka to showcase a full-scale mock-up of its Grom (Thunder) unmanned aerial vehicle (UAV). Company officials told Janes that the Grom has a maximum take-off weight (MTOW) of 7,000 kg with a payload capacity of up to 2,000 kg. The air vehicle can operate out to a distance of 800 km when equipped with two Kh-58UShKE missiles, which weigh a total of 1,300 kg. However, maximum range decreases to 700 km when fully laden. According to company specifications, the Grom has a length of 13.8 m, a wingspan of 10 m, and a height of 3.8 m. It can attain cruising and maximum speeds of up to 800 km/h and 1,000 km/h respectively, and an operating ceiling of 12,000 m (39,370 ft). Kronshtadt explained that the air vehicle can carry a range of ordnance using its two underwing hardpoints and two hardpoints within its internal payload bay.

		The Grom will be capable of carrying Kh-38 air-to-surface missiles. Kronshtadt displayed the 520 kg Kh-38MLE laser-guided missile next to the mock-up, although it is understood that the entire range of modular Kh-38ME missile can be used. The range comprises four missiles with various warheads – such as high-explosive fragmentation and penetration – and guidance systems: inertial with satellite navigation (Kh-38MKE), inertial thermal imaging (Kh-38MTE), inertial active radar (Kh-38MAE), and inertial laser (Kh-38MLE). The missile type can engage targets at speeds of more than Mach 2 out to a maximum of 70 km.
sputniknews.com 27.08.2021	RUS: Flying AK-47': Kalashnikov's ZALA Lancet Drone Getting Ready for State Trials After Syria Mission	The Russian Defence Ministry has approved the technical design specification for the precision UAV weapon system ZALA Lancet and is expected to kick off trials of the drones at the end of 2021. The Lancet drone belongs to the category of loitering air munition, i.e. a weapon system which "loiters" around a target area while in search mode. When a target is found, the "kamikaze drone" strikes it like a guided air-to-surface missile while also destroying itself. Designed by ZALA Aero, one of the Kalashnikov Group's companies, the UAV got its name – "the Lancet" – not only due to its exterior design, but also because of its high precision. It has a range of 40 km and can hit its target with "surgical precision," according to the manufacturers. The Lancet is produced in various versions, boasting an operational range of up to 40 km and speeds of 80-110 km/h. It can carry a payload of up to 3 kg, having a maximum gross takeoff weight of 5 kg (the Lancet-1) and 12 kg (the Lancet-3).
ir.kratosdefense.com 25.08.2021	Kratos Air Wolf Tactical Drone System Completes Successful Flight	Kratos Defense & Security Solutions announced today that its Air Wolf Tactical Drone System completed a 100 percent successful flight. The Kratos Air Wolf Mission included multiple new payloads carried by the Air Wolf Drone, including a proprietary Kratos artificial intelligence/autonomy system, which has been developed by Kratos specifically for high performance, jet drone aircraft. Air Wolf is one of several drones in Kratos' family of affordable, high-performance jet drones that are flying today, also including the attritable UTAP-22 Mako, XQ-58A Valkyrie, and the reusable X-61A Gremlins drone with the Gremlins Program Prime being with Kratos' strategic partner Dynetics. For competitive, security and other considerations, no additional information will be provided regarding the successful Air Wolf flight and mission.
		Bewaffnung und weitere Nutzlasten
iiss.org 03.09.2021	RUS: Armiya 2021: tactical developments in	Russia's Armiya 2021 defence exhibition reflected continuing Russian investment in the development of a broader range of tactical air-launched weapons for rotary and UAV platforms. As Douglas Barrie highlights, the arms show saw the first appearance of a new air-to-surface missile for Russia's two attack helicopters.

	Russia's guided-weapons sector	<i>(Vollständiger Report abrufbar unter: https://www.iiss.org/blogs/military-balance/2021/09/armiya-2021-russias-guided-weapons-sector)</i>
defbrief.com 02.09.2021	USAF: US Air Force demos Quicksink ship-killing JDAM bombs	The US Air Force recently tested guided bombs that could provide a "torpedo-like" capability to sink ships with a single strike as part of a new program. On August 26, three F-15E Strike Eagles from the 85th Test and Evaluation Squadron supported the Quicksink joint capability technology demonstration. Partnering with the Air Force Research Laboratory, the F-15E crews developed and demonstrated new tactics, techniques, and procedures for employing modified 2,000-pound GBU-31/B Joint Direct Attack Munitions on both moving and static maritime targets. The goal of this test was to validate a new way to employ air-delivered munitions on ships that will change the maritime target lethality paradigm. A Navy submarine has the ability to launch and destroy a ship with a single torpedo at any time, but by launching that weapon it gives away the location of the vessel. The Quicksink JCTD aims to develop a low-cost method of achieving torpedo-like seaworthy kills from the air. This test builds on a previous 53rd Wing test conducted last year where the B-52H Stratofortress from the 49th TES dropped JDAMs in order to assess the viability of specific maritime impact conditions.
news.northropgrumman.com 02.09.2021	USN: AARGM-ER Missile Achieves Successful Milestone C Decision	Northrop Grumman Corporation announced the AGM-88G Advanced Anti-Radiation Guided Missile Extended Range (AARGM-ER), developed under contract with the U.S. Navy, has successfully achieved a Milestone C decision, authorizing the company as the program's prime contractor the entry into low rate initial production (LRIP). This decision enables the start of the production to support future deployment of the AARGM-ER to the fleet and achievement of initial operating capability. AARGM-ER is a major upgrade to the existing AARGM missile, currently in production and fielded with the Navy today. The additional capabilities of AARGM-ER, coupled with its high-performance air vehicle, will provide the USN with the most advanced weapon system to defeat evolving surface-to-air threats. AARGM-ER is being integrated on the Navy F/A-18E/F Super Hornet and EA-18G Growler aircraft as well as the Air Force F-35A, Marine Corps F-35B, and Navy F-35C aircraft.
janes.com 31.08.2021	RUS: KTRV showcases UAV munitions	Russia's Tactical Missiles Corporation (KTRV) showcased two 100 kg-class precision weapons aimed at unmanned aerial vehicle (UAV) applications at the Army 2021 defence exhibition held from 22–28 August in Kubinka, near Moscow. While the company did not reveal accompanying information for the displays, one of these had earlier been revealed at the previous year's event alongside Kronshtadt Group's Grom strike-capable UAV with its in-development name of 'Product 85'. According to specifications released at the time, the Product 85 munition is understood to be an air-to-ground missile armed with a 30 kg armour-piercing, high-explosive fragmentation warhead. The missile is 2,400 mm long and 200 mm in diameter (with its stabilising fins increasing overall width to 400 mm), and has an all-up weight of 120 kg. The missile is guided and employs

		an inertial navigational system during the boost and midcourse flight phases, with course correction enabled via satellite-navigation. An active seeker is used for terminal guidance.
tass.com 27.08.2021	RUS: Russia's Mi-28NM combat helicopter to get new powerful munitions	The latest S-13B rocket can be included in the standard armament of Sukhoi combat aircraft and the Mi-28NM 'Night Hunter' attack helicopter. The new munition combines the capabilities of several rockets from the 122mm S-13 airborne rocket armament. As compared to the S-13T and S-13OF munitions, the S-13B airborne rocket features a three-position activation unit switched on before a flight assignment to trigger an instant and two, slightly and greatly, decelerated detonations of a warhead. The S-13B rocket carries an enhanced power warhead.
defense.gov 27.08.2021	USAF: AIM-120 AMRAAM	Raytheon Missiles and Defense was awarded a \$77,107,920 non-competitive fixed-price incentive (firm) modification (P00007) to previously awarded contract FA8675-21-C-0034 for Advanced Medium Range Air-to-Air Missile (AMRAAM) Production Lot 35 Captive Air Training Missiles (CATM) and CATM guidance sections. Work is expected to be completed by April 30, 2024.
53rdwing.af.mil 27.08.2021	USAF: Test milestones reached at exercise «Northern Lightning 2021» - Legion Pod	F-16s from the 85th Test and Evaluation Squadron and Operational Flight Program Combined Test Force returned to Eglin AFB August 20, 2021, after completing a successful capstone exercise in Wisconsin. The two squadrons worked hand-in-hand during Northern Lightning 2021 where the team accomplished multiple test objectives including the integration of Lockheed Martin's Legion Pod equipped with Infrared Search and Tracking System technology. Northern Lightning was the first time engineers received real world data on all the players within the exercise, with over 64 aircraft participating in 18 combat representative scenarios. The data received was invaluable to the advancement of F-16 combat capability.
		Air Power
taiwannews.com.tw 10.09.2021	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 marking the eighth intrusion this month, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, issued radio warnings, and deployed air defense missile systems to track it.

upi.com 09.09.2021 09:45 PM	USAF/NOR: U.S. B-2 Spirit bombers, Norwegian F-35s integrate over North Sea	The U.S. Air Force B-2 Spirit bombers have completed a training mission with Norway over the North Sea to improve 5th generation aircraft data-sharing capabilities, the branch said on Thursday. Part of the Bomber Task Force, the mission concluded on Thursday and included B-2 Spirit bombers from Whiteman Air Force Base, Mo. that are currently based out of Keflavik Air Base in Iceland, the U.S. Air Force said in a statement. The mission was designed to integrate Norwegian F-35 Lightning II fighter jets to test escort procedures, stand-off weapon employment and suppression of air defenses.
alarabiya.net 09.09.2021 02:33 AM GST	SAU/HOUTHİ: Saudi Arabia intercepts two explosive Houthi drones targeting Khamis Mushait	Saudi Arabia's air defenses have intercepted and destroyed two explosive drones launched by the Iran-backed Houthi militia towards Khamis Mushait, the Arab Coalition said early on Thursday.
taiwannews.com.tw 08.09.2021 10:30 AM	TWN/CHN: Chinese electronic warfare plane enters Taiwan's ADIZ	A Chinese military aircraft entered Taiwan's air defense identification zone (ADIZ) on Tuesday morning (Sept. 7), marking the sixth intrusion this month. A People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 electronic warfare plane flew into the southwest 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 plane.
jpost.com 07.09.2021 06:08 AM	ISR/GAZA: IDF strikes Gaza targets in response to balloon fires	IDF has hit several targets within the Gaza Strip on Monday night in response to the fires in southern Israel caused by incendiary balloons, IDF confirmed. Israeli Air Force (IAF) aircrafts targeted a Hamas rocket manufacturing site, as well as a military compound with a concrete plant in Khan Younis. According to an IDF spokesperson statement, the concrete made in the plant targeted was used for building Hamas' underground terror tunnel network. <i>(IDF video showcasing the air strikes abrufbar unter:</i> https://www.jpost.com/breaking-news/idf-strikes-gaza-targets-in-response-to-balloon-attacks-report-678876 <i>)</i>
defenseworld.net 06.09.2021	AFG/PAK: Pakistan Air Force's CH- 4 Drones Aiding Talib Forces in Panjshir	Pakistan Air Force (PAF) is reportedly aiding the Taliban in their quest to capture Panjshir province of Afghanistan by providing them with Chinese-made armed CH-4 drones. Various social media posts from people familiar with the Afghan situation said that the PAF used these drones to drop bombs and sent Special Forces to assist the Taliban in their battle against the Northern Alliance to capture the defiant Panjshir province, reports said. China is said to have delivered an unspecified number of CH-4 drones to Pakistan in January 2021. It is not known when and how, and if these drones were delivered to the Taliban. The CH-4

		drone has a maximum take-off weight of 1300kg and a payload of 345kg in addition to its electro-optical turret and synthetic aperture radar. The aircraft has a wingspan of 18m and length of 8.5m. It is powered by a 100 hp class piston engine giving a top speed of 235 km/h and cruise speed of 180 km/h with endurance of up to 40 hours. Equipped with air to ground missiles such as the AR-2, the CH-4 presents itself as formidable close-combat weapon, especially when up against targets which don't have drone detection technology.
taiwannews.com.tw 06.09.2021 10:28	TWN/CHN: 19 Chinese military planes intrude into Taiwan's ADIZ	<p>Over a dozen Chinese fighter jets, four bombers, and one surveillance aircraft intruded into Taiwan's air defense identification zone (ADIZ) on Sunday (Sept. 5), possibly including the new J-16D electronic warfare aircraft. On Sunday, the Ministry of National Defense (MND) reported that 10 Shenyang J-16 fighter jets, four Xian H-6 bombers, four SU-30 fighters, and one Shaanxi Y-8 anti-submarine warfare plane (Y-8 ASW) had penetrated into the southwestern corner of the ADIZ. Taiwanese scholar Su Tzu-yun (蘇紫雲) was cited by CNA as saying that the military should monitor for the possible inclusion of the new J-16D, which is designed for electronic warfare. Su said that the J-16D is believed to have capabilities similar to the Boeing EA-18G Growler in that it can suppress ground and sea air defense systems and jam radar systems.</p> <p>The largest incursion by PLAAF aircraft into Taiwan's ADIZ on record occurred on June 15, when a total of 28 military planes entered the southern end of the zone, including one Y-8 anti-submarine warfare plane, four H-6 bombers, one Y-8 electronic warfare aircraft, two Shaanxi KJ-500 airborne early warning and control aircraft, 14 J-16 fighters, and six J-11s.</p> <p><i>(Ergänzende Information globaltimes.cn vom 06.09.2021 01:11: The Chinese People's Liberation Army (PLA) reportedly sent 19 aircraft, most of them fighter jets and bombers, near the island of Taiwan on Sunday in a move Chinese mainland analysts said was a part of a routine drill, which displayed the unshakable power gap between the PLA and the armed forces on the island despite Taiwan's recent military spending proposal targeting the PLA. Secessionists on the island should now have a clear understanding that the PLA has an overwhelming advantage over the armed forces on the island. The PLA is fully capable of and prepared for safeguarding national sovereignty and territorial integrity, even if foreign forces interfere, the expert said. This is just another futile attempt by Taiwan secessionists to resist reunification by force, and no matter what kind of weapons and equipment the island develops, they will not be enough to change the status quo of the cross-Straits power balance, Song Zhongping, a Chinese mainland military expert and TV commentator, told the Global Times.)</i></p>
defence-blog.com 05.09.2021	TUR/RUS: Turkish F-16 fighters shadows Russian Su-24 combat jets	The Republic of Turkey Ministry of National Defense has reported that its two F-16 fighter jets scrambled to intercept Russian Su-24 Fencer attack jets that were flying over the Baltic Sea. According to a press release from Defense Ministry, F-16s scrambled to shadow Russian military aircraft in support of NATO's Air Policing Mission in the Baltic airspace. Also stated that Turkish F16 fighter jets were sent from Malbork Air Base in

		Poland to intercept low-flying targets over the Baltic Sea. "As part of the Enhanced Air Policing mission, the 161st Jet Fleet Command aircraft in Malbork/Poland took off upon NATO's order.
taiwannews.com.tw 04.09.2021	TWN/CHN: Taiwan reports incursions by four Chinese military planes	Two Xi'an JH-7 fighter-bombers and two Shaanxi Y-8 anti-submarine aircraft entered Taiwan's air defense identification zone (ADIZ) in the southwest sector, the Ministry of National Defense said Saturday (Sept. 4). As on previous occasions when Chinese People's Liberation Army Air Force (PLAAF) intrude into the ADIZ, Taiwan scrambled jets, issued radio warnings to tell the Chinese aircraft to turn back, and deployed its air defense missile system to monitor the activity.
reuters.com 04.09.2021	SAU/HOUTHY: Missile intercepted over Saudi oil region injures two, damages buildings	<p>The missile was intercepted on Saturday over a suburb of the city of Dammam in Saudi Arabia's oil-rich eastern region, with scattered shrapnel injuring two Saudi children and causing light damage to 14 houses, the statement carried by state news agency SPA said. The coalition blamed the attack on the Iran-aligned Houthi forces. There was no immediate claim of responsibility in Houthi-run media. The coalition also said it intercepted and destroyed ballistic missiles heading towards Jazan and Najran in the southern part of the country. It earlier reported the interception of three explosive-laden drones headed towards the kingdom.</p> <p><i>(Ergänzende Information presstv.com vom 05.09.2021 01:54 PM: The Yemeni Armed Forces have used 16 drones and ballistic missiles to hit targets deep inside Saudi Arabia in their latest operation, the spokesman for the country's armed forces has announced. He explained that the operation targeted vital installations and military bases of Saudi Arabia, including Saudi Aramco facilities in Jeddah, Jizan and Najran regions, which he said were bombed with five Badr ballistic missiles and two Sammad-3 drones. He added that Saudi Aramco facilities in Ras al-Tanura in the Dammam region, eastern Saudi Arabia, were also targeted with eight Sammad-3 drones and a Zulfiqar ballistic missile. The spokesman stressed that Yemeni forces successfully hit their targets in both attacks.)</i></p>
stripes.com 03.09.2021	USAF/JPN/IDN: B-52 bombers train with Japanese and Indonesian fighters after deploying to Guam	An undisclosed number of B-52 Stratofortress bombers, along with roughly 230 airmen, have been sent to Andersen Air Force Base on Guam for Pacific Air Forces' Bomber Task Force. The B-52s and airmen are assigned to the 2nd and 307th Bomb Wings at Barksdale Air Force Base, La., the Air Force said in a news release Wednesday. They arrived in the U.S. territory on Aug. 26. On Tuesday, F-15 fighter jets from the Japan Air Self-Defense Force trained with the bombers over an undisclosed area of the Pacific, the Air Force said. A day later, F-16s from Indonesia flew with the bombers, marking the first time its air force integrated with American B-52s.
jpost.com 03.09.2021 05:28 AM	ISR/SYR:	Israel reportedly bombed Syria late Thursday night, hitting targets in Damascus from the direction of Beirut, the Syrian Arab News Agency (SANA) reported. Syrian air defense systems were activated in response to the attacks and in an attempt to intercept the incoming missiles, SANA claimed, while other media sources

	<p>Syrian defense systems target Israel missiles over Damascus – SANA</p>	<p>reported hearing explosions over Damascus. A Syrian military source quoted by state media said Syrian air defences shot down most of the Israeli missiles and only material damage was done in the attack launched at 1:26 a.m.</p> <p><i>(Ergänzende Information israelradar.com vom 03.09.2021: The late-night strike targeted several important Iranian assets at the site, the report said, without providing further details. The main objective was apparently a precision-missile factory, according to N12 News. Following the first assault, the IDF bombed a Syrian SA-5 air defense battery after a Syrian anti-aircraft missile exploded in Israel's airspace, military correspondent Doron Kadosh reported. Overall, Syrian defenses fired 20 missiles at the incoming jets but all of them missed their targets, N12 News said. The latest attack follows reports that Iran transferred medium-range missiles that can reach Israel to militias in eastern Syria via Iraq. The missile shipment was hidden in civilian trucks transporting vegetables, NzivNet intelligence blog said, citing Arab sources.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 03.09.2021 02:49 AM: Syria reported that missiles fired from the direction of Lebanon targeted Damascus, but claimed most were shot down by its air defenses. A short time later, residents near Tel Aviv reported hearing at least one blast. The Israel Defense Forces said it was investigating the possibility that a Syria air defense missile that missed its target had landed in the area or off the coast, Hebrew language media reported. IDF reportedly investigating if errant Syrian air defense missile caused blast near center of Israel; no injuries or damage reported.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 03.09.2021: Israeli planes carried out airstrikes near Damascus early Friday, Syrian state media claimed, and sounds of explosions were heard in central Israel shortly after. The noise was caused by a Syrian air defense missile that traversed Israeli skies before exploding over the Mediterranean Sea, the Israel Defense Forces said. Missile fragments were later found in north Tel Aviv.</i></p> <p><i>(Ergänzende Information debka.com vom 03.09.2021 17:24: DEBKAFile's military sources report, residents of Rishon Letzion south of Tel Aviv came up with an explanation. They testified to hearing two explosions – not one. It turned out that a second missile had been fired from Syria, this one a surface-to-surface Russian-made Scud. Our sources have learned that this one was intercepted in time by a David's Sling, the missile system designed for protection against intermediate missile attack as part of Israel's multi-tier shield. This has not been confirmed by the military or the police. However, if that is how the purported Israeli raid over Damascus unfolded, it seems to indicate that the Syrians have decided to finally retaliate for each reported Israeli attack.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 03.09.2021 08:01 PM: The Israeli Air Force struck and destroyed a Syrian missile battery after it launched a missile that exploded near central Israel early Friday morning, according to Hebrew media reports Friday evening on Channel 12 and Army Radio. The Syrian air defense missile flew over Israeli</i></p>
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		<p>skies before exploding over the Mediterranean Sea, the Israel Defense Forces said. Missile fragments were later found in the Tel Aviv area.)</p> <p>(Ergänzende Information tass.com vom 03.09.2021 22:27: Twenty-one out of twenty-four missiles fired by Israeli fighter jets at targets in Syria were downed by Syria's air-defense forces, Vadim Kulit, deputy chief of the Russian Center for Reconciliation of the Opposing Parties in Syria, said on Friday. "At about 01:30 on September 3, four Israeli F-15 tactical fighter jets fired 24 guided missiles at targets on Syrian territory from Lebanon's airspace," he said. "Russian-made Buk-M2E and Pantsyr-S systems on duty in the Syrian air defense units downed 21 missiles.")</p>
<p>alarabiya.net 02.09.2021 08:45 PM GEST</p>	<p>SAU/HOUTHİ: Saudi Arabia intercepts Houthi drone targeting Khamis Mushait</p>	<p>Saudi Arabia's defense forces intercepted a drone that was launched by the Iran-backed Houthi militia towards Khamis Mushait, the Arab Coalition confirmed on Thursday. The latest attack comes over 24 hours after another drone launched by the Houthis targeting the same city was intercepted and destroyed. The Iran-backed group has launched ballistic missiles and explosive-laden drones towards Saudi Arabia multiple times in recent months, most of which have been thwarted, according to Saudi authorities.</p>
<p>reuters.com 31.08.2021 01:41 AM CEST</p>	<p>SAU/HOUTHİ: Saudi-led coalition intercepts Houthi drone targeting Abha airport</p>	<p>The Saudi-led coalition in Yemen said on Tuesday that it intercepted a Houthi drone that was targeting Saudi Arabia's Abha International Airport, state media reported. Shrapnel was scattered by the interception in the vicinity of the airport, without injuries or damage, the coalition said.</p>
<p>defenseone.com 30.08.2021 04:36 PM ET</p>	<p>USA/AFG: The Last U.S. Military Plane Has Left Kabul.</p>	<p>The last U.S. military plane has left Afghanistan, U.S. officials announced, ending 20 years of war but also closing down the main route home for stranded Americans and Afghans who are now running for their lives. "I'm here to announce the completion of our withdrawal from Afghanistan," Marine Corps Gen. Kenneth F. McKenzie Jr., commander of U.S. Central Command, told reporters via videoconference. "The last C-17 lifted off from Hamad Karzai International Airport on August 30, this afternoon, at 3:29 p.m., East Coast time. And the last manned aircraft is now clear of the airspace above Afghanistan."</p> <p>By the time the last military plane departed in the early hours of Aug. 31 Kabul time the airlift had flown out more than 116,700 people on more than 720 military and chartered flights in just 15 days, according to daily passenger and flight data released by the White House. In all, more than 122,300 people were rescued, including about 5,000 who were evacuated before the fall of Kabul, according to the data. The Kabul airport rescue is "the largest airlift that the U.S. military has conducted" in its history, Kirby said.</p> <p>(Übersicht Kabul Airport Evacuation, day-by-day figures for Operation Allies Refuge by the White House abrufbar unter:</p>

		<p>https://www.defenseone.com/threats/2021/08/last-us-military-plane-has-left-kabul-whats-next-americans-afghans-left-behind/184935/</p> <p><i>(Ergänzende Information defenseone.com vom 30.08.2021 07:56 PM ET: The emergency airlift operation that began Aug. 14 had become the largest ever executed by the U.S. military. More than half of the U.S. Air Force's fleet of 222 C-17 Globemaster IIIs had taking part. As the clock ticked toward Aug. 31, just five airlifters remained on the ground in Kabul, manned by handpicked joint tactical exfiltration crews who were taking care of the last tasks on the ground.)</i></p> <p><i>(Ergänzende Information defenseone.com vom 30.08.2021 07:56 PM ET: As the clock ticked toward Aug. 31, just five airlifters remained on the ground in Kabul, manned by handpicked joint tactical exfiltration crews who were taking care of the last tasks on the ground. Each crew had a checklist, point-by-point steps everyone had to follow. They messaged each other on mIRC chat to confirm all people were accounted for and each step completed. Earlier, U.S. forces had disabled all the aircraft, vehicles, and artillery that they would abandon at the airport. Left behind, but inoperable, were 70 MRAPs, 27 Humvees, and 73 aircraft. "Those aircraft will never fly again," Gen. Frank McKenzie, head of U.S. Central Command, told reporters by videoconference. "When we go out, they'll never be able to be operated by anyone. Most of them were non-mission-capable to begin with, but certainly they'll never be able to be flown again." But they'd left intact several C-RAMs. Those counter rocket, artillery and mortar systems had protected the airfield from incoming ISIS-K fired rockets less than 24 hours before, and were the last assets to be disabled. "They were left operational until the last minute," the defense official said. "Then forces went around to these assets and took a thermite bomb to them." The planes would take off without that protection.</i></p>
<p>military.com 30.08.2021</p>	<p>USA: Rockets Fired at Kabul Airport Amid US Withdrawal Hit Homes</p>	<p>Rocket fire apparently targeting Kabul's international airport struck a nearby neighborhood on Monday, the eve of the deadline for American troops to withdraw from the country's longest war after the Taliban takeover of Afghanistan. The rockets landed across town in Kabul's Salim Karwan neighborhood, striking residential apartment blocks, witnesses said. That neighborhood is some 3 kilometers (1.86 miles) from the airport. There were no immediate reports of injuries.</p> <p>The rockets did not halt the steady stream of U.S. military C-17 cargo jets taking off and landing at Hamid Karzai International Airport in the Afghan capital. By Tuesday, the U.S. is set to conclude a massive two-week-long airlift of more than 114,000 Afghans and foreigners and withdraw the last of its troops, ending America's longest war with the Taliban back in power.</p> <p><i>(Ergänzende Information reuters.com vom 30.08.2021 02:44 PM CEST: Anti-missile systems intercept up to five rockets - US official. U.S. anti-missile defences intercepted rockets fired at Kabul's airport early on Monday, as the United States flew its core diplomats out of Afghanistan in the final hours of its chaotic withdrawal.</i></p>

<p>taiwannews.com.tw 30.08.2021 10:40</p>	<p>TWN/CHN: Chinese spy plane enters Taiwan's ADIZ</p>	<p>A People's Liberation Army Air Force (PLAAF) Shaanxi Y-8 reconnaissance 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. While all the Chinese aircraft sent in July were slow-flying Y-8 turboprops, this month has seen a mix of spotter planes, fighter jets, bombers, and helicopters.</p>
<p>reuters.com 29.08.2021 11:37 AM CEST</p>	<p>YEM: At least 30 killed in Houthi strikes on Yemen base</p>	<p>At least 30 soldiers were killed and 60 wounded on Sunday in Houthi strikes on a military base belonging to forces of the Saudi-led coalition in southwest Yemen, a spokesman for the southern forces and medical sources said. The Houthis have carried out several attacks using armed drones and ballistic missiles on the Al-Anad military base, Yemeni southern forces spokesman Mohamed al-Naqeeb said. Naqeeb said that between 30 to 40 soldiers were killed and at least 60 wounded, adding the death toll may still rise as rescuers were still clearing the scene. The southern forces are part of the Saudi-led coalition.</p> <p><i>(Ergänzende Information aljazeera.com vom 29.08.2021: A ballistic missile landed in the base's training area, where dozens of soldiers were doing morning exercises, officials said. Residents nearby said several loud blasts were heard in the area. Other residents from the disputed central city of Taiz said they heard ballistic missiles fired from launchers positioned in the Houthi-held eastern suburbs of the city.)</i></p>
<p>cnn.com 29.08.2021 10:45 AM</p>	<p>USAF: U.S. drone strikes an ISIS-K vehicle packed with explosives in Kabul</p>	<p>The U.S. carried out a military strike on Sunday against an ISIS-K target in Kabul, a development that comes in the final days of an immense humanitarian evacuation mission. Sunday's strike follows a warning from President Joe Biden's national security team that an attack at the airport in Kabul is "highly likely in the next 24-36 hours." "U.S. military forces conducted a self-defense unmanned over-the-horizon airstrike today on a vehicle in Kabul, eliminating an imminent ISIS-K threat to Hamad Karzai International airport," U.S. Central Command spokesman Navy Capt. Bill Urban wrote in a statement. "We are confident we successfully hit the target. Significant secondary explosions from the vehicle indicated the presence of a substantial amount of explosive material," he added. There were no known civilian casualties following the strike.</p> <p>In the last 24 hours, Western forces evacuated 2,900 people out of Kabul on 41 military cargo aircraft flights. Since the mass evacuations began on August 14, approximately 114,400 people have been airlifted out of Afghanistan. About 120,000 people have been evacuated since the end of July, including about 5,500 U.S. citizens and their families. A State Department spokesman said Saturday that approximately 250 Americans are still seeking evacuation.</p> <p><i>(Ergänzende Information voanews.com vom 29.08.2021 09:56 PM: The United States conducted an airstrike Sunday against a vehicle that posed a threat to the Kabul airport, and the U.S. Central Command is now looking into reports of</i></p>

		<i>civilian casualties. "We are aware of reports of civilian casualties following our strike on a vehicle in Kabul," Captain Bill Urban, CENTCOM spokesperson, said in a statement Sunday night. According to reporting in The New York Times, the drone strike or the secondary explosions killed as many as nine civilians, among them children.)</i>
timesofisrael.com 29.08.2021 01:00 AM	ISR/GAZA: IDF strikes Gaza after violent border riots, airborne arson attack	The Israel Defense Forces launched airstrikes in the Gaza Strip late Saturday night in retaliation for airborne arson attacks from the coastal enclave and renewed riots along the border. The military said the airstrikes targeted a Hamas military compound used for training and weapon production, and the opening of a "terror tunnel."
thehill.com 28.08.2021 02:06 (MS)	USA: 12,500 evacuated	Roughly 12,500 people were evacuated from Afghanistan between early Thursday morning and Friday, the White House said. Of the 12,500 evacuees, roughly 8,500 of them were on 35 U.S. military flights out of Kabul, which included 29 C-17 planes and six C-130 planes. Another 4,000 people were carried on 54 coalition flights out of Kabul. About 7,500 people were evacuated from Kabul on Thursday alone. Roughly 5,100 people were carried on 14 U.S. military flights and 2,400 people on 39 coalition flights. The U.S. on Thursday topped 100,000 people evacuated since Aug. 14. White House officials said that since Aug. 14, the U.S. has evacuated and facilitated the evacuation of about 105,000 people out of Afghanistan. Since the end of July, approximately 110,600 people have been relocated. <i>(Ergänzende Information reuters.com vom 29.08.2021 12:27 AM CEST: Britain's last military flight left Kabul late on Saturday after evacuating more than 15,000 people in the two weeks since the Taliban took control of Afghanistan, ending nearly 20 years of British military presence in the country.)</i>
ekathimerini.com 27.08.2021	GRC/TUR: Turkish F-16s intercepted in eastern Aegean	A pair of Turkish F-16 fighter jets entered Athens' Flight Information Region (FIR) without submitting a flight plan at 11.17 a.m. on Friday and flew over the islets of Anthopofagoi and Makronisi in the eastern Aegean, the Hellenic National Defense General Staff (GEETHA) said. The Turkish aircraft were intercepted by Greek jets in line with international rules of engagement, GEETHA said.
cnbc.com 27.08.2021 09:49 PM EDT	USA: U.S. airstrike targets Islamic State in Afghanistan in retaliation for deadly Kabul airport attack	U.S. Central Command said the U.S. conducted a drone strike against an Islamic State member in Nangahar believed to be involved in planning attacks against the U.S. in Kabul. The strike killed one individual, and spokesman Navy Capt. William Urban said they knew of no civilian casualties. the strike was carried out by an MQ-9 Reaper drone and munitions that were selected for precision and in order to minimize any civilian casualties. <i>(Ergänzende Information thedrive.com vom 27.08.2021: The statement from U.S. Central Command reads: "U.S. military forces conducted an over-the-horizon counterterrorism operation today against an ISIS-K planner. The unmanned</i>

		<p><i>airstrike occurred in the Nangahar Province of Afghanistan. Initial indications are that we killed the target. We know of no civilian casualties." MQ-9 was used as is logical. If we get images of the scene, don't be surprised if this was a JSOC AGM-114R9X strike.)</i></p> <p><i>(Ergänzende Information stripes.com vom 28.08.2021: A U.S. drone killed two Islamic State terrorists and injured a third in an airstrike less than two days after an attack at the Kabul airport killed 13 American troops, Army Maj. Gen. Hank Taylor, the Joint Staff's deputy director for regional operations, said Saturday. The drone strike in the Nangarhar province hit "high-profile ISIS targets" that worked as "planners and facilitators" for the terrorist group's Afghanistan branch known as ISIS-Khorasan, or ISIS-K, Taylor said.)</i></p> <p><i>(Ergänzende Information wsj.com vom 28.08.2021: The missile used by the U.S. in the airstrike, called an R9X, is inert. Instead of exploding, the weapon ejects a halo of six large blades stowed inside the skin of the missile, which deploy at the last minute to shred the target of the strike, allowing military commanders to pinpoint their target and reduce the possibility for civilian casualties.)</i></p>
<p>the-japan-news.com 27.08.2021 04:49 PM</p>	<p>JPN/CHN: Unmanned Chinese military aircraft spotted over Okinawa 3 days straight</p>	<p>The Air Self-Defense Force scrambled planes in response to three Chinese military aircraft spotted in the airspace between the main island of Okinawa and Miyakojima island in Okinawa Prefecture, the Defense Ministry announced Thursday. Although there were no airspace violations, one of the aircraft seen Thursday is believed to have been an unmanned TB-001, making it the third consecutive day of Chinese drone sightings in the area from Tuesday. The three aircraft flew from the East China Sea to the Pacific Ocean on Thursday, and then returned to the East China Sea. The ministry is looking into possible motives behind China's actions.</p>
<p>ukdefencejournal.org.uk 26.08.2021</p>	<p>Removing Afghan air support was 'critical error' say analysts</p>	<p>Defence analysts have argued that the removal of air support for Afghan forces was a critical error that significantly increased the speed at which the Taliban were able to take over the country. The claims were made in the latest episode of the popular defence podcast which discussed the fall of Afghanistan, the failures in the US and NATO responses and the implications for the future.</p>
<p>asiatimes.com 24.08.2021</p>	<p>RAF: Elite SAS troops rescued in dramatic desert operation</p>	<p>The Hercules transport from RAF 47 Squadron flew low and slow, heading for a secret coordinate deep in Afghanistan, in pitch darkness. The crew — sporting special digital night-vision equipment — were looking for a makeshift desert airstrip. One they hoped they could get into and out of, without getting shot up or suffering some other kind of unforeseen disaster. The situation on the ground, was indeed getting desperate.</p> <p><i>(Vollständiger Beitrag abrufbar unter: https://asiatimes.com/2021/08/elite-sas-troops-rescued-in-dramatic-desert-operation/?mc_cid=a8a04e0512&mc_eid=c14b018f66)</i></p>

		Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance
<p>globaltimes.cn 05.09.2021</p>	<p>CHN/USAF: US ballistic missile-detection aircraft hold close-in recon on China, provocative move to be closely monitored</p>	<p>The US military recently dispatched its ballistic missile-detection aircraft for consecutive close-in reconnaissance activities near China, according to reports by a Chinese think tank, with military observers saying on Sunday that the US aircraft attempted to spy on China's ballistic missile tests, but their moves must have been closely monitored by China. An RC-135S ballistic missile-detection aircraft of the US Air Force conducted close-in reconnaissance on China's coastline from the Yellow Sea on Saturday and Sunday, the South China Sea Strategic Situation Probing Initiative (SCSPI), a Beijing-based think tank, reported on Sunday. On both days, the US aircraft took off from Kadena Air Base in Okinawa, Japan, crossed the East China Sea Air Defense Identification Zone of China, and conducted close-in reconnaissance activities south of Qingdao, East China's Shandong Province, less than 20 nautical miles away from China's territorial waters, the SCSPI said, noting that the RC-135S has been significantly more active recently, with frequent operations above the Yellow Sea, East China Sea and South China Sea.</p> <p>The main mission of the RC-135S aircraft is the detection of ballistic missiles, as it can collect electronic signals, use radar system to locate launch positions and utilize optical and infrared devices to track ballistic missiles in real time, Song Zhongping, a Chinese military expert and TV commentator, told the Global Times on Sunday.</p>
<p>tasnimnews.com 01.09.2021</p>	<p>IRN : Iran Unveils New Air Defense Systems</p>	<p>In a ceremony on Wednesday morning, Iran's Air Defense Commander Brigadier General Alireza Sabahi Fard unveiled six military projects, saying only two of them are allowed to be made public. One of the homegrown products is 'Alborz', a phased-array three-dimensional radar capable of detecting and tracking various aerial targets. The Iranian radar can take action against stealth targets with a low cross-sectional area at a range of 450 kilometers and even at low altitudes. Alborz can detect 300 targets simultaneously.</p> <p>The second product unveiled on Wednesday is dubbed 'Borhan', an air defense command and control system used in low altitudes. The system processes data from the electro-optical systems and radars and analyzes information to activate the missile systems. Borhan can be employed in radar jamming and deception operations.</p> <p>The concept of radar-evading aircraft is meaningless in the structure of the Iranian air defense, the commander noted, saying the country's air defense systems can detonate targets at a range of 200 kilometers.</p>

<p>l3harris.com 27.08.2021</p>	<p>US ARMY: L3Harris completes first flight of next-generation Army ISR solution</p>	<p>L3Harris Technologies completed a first flight of the U.S. Army Airborne Reconnaissance and Electronic Warfare System (ARES) aircraft, which will help modernize and enhance the Army's intelligence, surveillance and reconnaissance (ISR) capabilities. ARES is a technology demonstrator for the Army's High Accuracy Detection and Exploitation System (HADES) program, capable of integrating capabilities from the Army's existing ISR fleet with capacity to add payloads, sensors and increase standoff ranges. ARES can fly at mission altitudes above 40,000 feet for as long as 14 hours and can activate Long Range Precision Fires (LRPF) to counter long-range threats. Flight operations above 40,000 feet enhance aircraft survivability and line-of-sight, making ARES and HADES key Sensor to Shooter (S2S) network enablers, the Army's top modernization priority. ARES' extended mission range also reduces mission risk by eliminating the need to operate near challenged or denied borders, something not possible with lower-altitude, shorter-range sensing systems. ARES is hosted on the Bombardier Global 6000/6500 class business jet, providing optimal size, weight, power, performance and affordability for the HADES program. The original equipment manufacturer's green aircraft can host up to 14,000 lbs. of mission payload and has the power to run the Army's longest-range sensors, along with the size, weight and power capacity to accommodate future growth.</p>
<p>defbrief.com 27.08.2021</p>	<p>USAF : U.S. Air Force investing in Grand Forks AFB as ISR hub</p>	<p>The US Air Force Grand Forks Air Force Base, North Dakota, is poised to become an intelligence surveillance and reconnaissance (ISR) hub with infrastructure planning for construction and renovation projects slated for a 2022 start. The works themselves are projected to begin in 2023. Secretary of the Air Force Frank Kendall approved the plan, which will provide the construction and renovations necessary to enable the 319th Reconnaissance Wing to develop and train crews in support of future ISR missions and increase capability to counter threats posed by near peer competitors like China and Russia. As these new missions take shape, Grand Forks AFB's 319th RW will continue to operate RQ-4 Block 40 aircraft through the late 2020s.</p>
<p>janes.com 26.08.2021</p>	<p>ARE: Bombardier delivers fifth Global business jet to Saab for GlobalEye conversion</p>	<p>Bombardier has delivered its fifth Global 6000 business jet to Saab for conversion to the GlobalEye airborne early warning and control (AEW&C) configuration. Though not named in the statement, the United Arab Emirates (UAE) will be the end-customer for this aircraft once the GlobalEye conversion is complete. Having signed for an initial three platforms in 2015, the UAE added two more to its Swing Role Surveillance System (SRSS) requirement in late December 2020. With the first three GlobalEyes now with the UAE Air Force and Defence (AF&D), all five aircraft are due for delivery by the end of 2025.</p> <p>Using the Global 6000 airframe as the host platform, the GlobalEye utilises the Saab Erieye Extended Range (ER) S-band (2–4 GHz) radar that is housed in the same external dorsal 'plank' as the company's original Erieye system. Equipped with gallium nitride (GaN) and other technologies, the Erieye ER is an active electronically scanned array (AESA) system that doubles the radar's power efficiency compared with previous Erieye</p>

		iterations. It has a range in excess of 650 km that, as with all AESA radars, can be dramatically extended by focusing the radar's energy in a particular direction. Saab has said the Erieye ER is resistant to jamming and features all-weather functionality in all domains (air, sea, and land surveillance), as well as an “extremely high” tracking update rate against targets of interest.
		Cyber- und Electromagnetic Warfare
janes.com 07.09.2021	JPN : Tokyo looking for new ELINT aircraft to replace JMSDF's EP-3C fleet	The Japan Ministry of Defense's (MoD's) Acquisition, Technology & Logistics Agency (ATLA) is looking for a new electronic intelligence (ELINT) aircraft to replace the Japan Maritime Self-Defense Force's (JMSDF's) ageing fleet of Kawasaki Heavy Industries (KHI) EP-3C ELINT platforms. In a request for information (RFI) issued on 3 September, ATLA stated that it is looking for companies willing to support an “analysis of alternatives” regarding the acquisition of a new ELINT aircraft, both in terms of the airframe and the on-board equipment, adding that unmanned aerial vehicles (UAVs) would also be considered as baseline platforms.
leonardocompany.com 01.09.2021	Leonardo’s new threat warning system for aircraft goes into series production	Leonardo’s new MAIR (Multi Aperture InfraRed) threat warning system has gone into series production, with manufacturing underway on an initial batch of dozens of units for installation on helicopters including the Italian Army’s LUH (Light Utility Helicopter), based on the AW169M. The move follows a successful trials campaign, which proved the system’s ability to quickly and accurately detect threats at long range and to continue tracking incoming missiles in-flight. Deliveries of MAIR for the Italian Army LUH programme are due to start in 2022.
53rdwing.af.mil 27.08.2021	USAF: Test milestones reached at exercise «Northern Lightning 2021» - Angry Kitten Combat Pod	Another pod that went through operational assessment during exercise Northern Lightning 2021 is known as the Angry Kitten Combat Pod, developed by Georgia Tech Research Institute. This digital radio frequency memory pod has the ability to assess and respond to a threat, and modify jamming signals as needed. During the exercise, teams were able to evaluate interoperability and identify improvements needed to convert Angry Kitten from an aggressor pod to a combat pod.

<p>53rdwing.af.mil 27.08.2021</p>	<p>USAF: Test milestones reached at exercise «Northern Lightning 2021» - Next Generation Electronic Warfare (NGEW) suite</p>	<p>The 85th Test and Evaluation Squadron and Operational Flight Program Combined Test Force also worked alongside the F-16 system program office and Northrop Grumman to test the Next Generation Electronic Warfare suite. Northrop modified their Flying Test Bed, a Canadair Regional Jet equipped with an F-16's Active Electronically Scanned Array radar with NGEW, which includes a new Digital Radar Warning Receiver, state of the art antennas and processors, and a digital frequency memory internal jammer. "During Northern Lightning we gained valuable insight on NGEW capabilities and obtained over 170 test points against both air and ground emitters," said Lt Col. Stephen Graham, F-16 electronic warfare test director, OFP CTF. "We are one step closer to installing the first NGEW suite on an Eglin F-16 in less than one year." Northern Lightning set the environment to demonstrate NGEW's compatibility with AESA while identifying jamming threats across the Radio Frequency spectrum.</p>
		<p>Boden- und seegestützte Luftverteidigungssysteme</p>
<p>tass.com 01.09.2021</p>	<p>RUS: Russian defense contractor working on upgrading Tor air defense missile system</p>	<p>The Tor has been continuously modernized since it was created. The family of Tor anti-aircraft missile systems has been modernized since 2013 by Kupol's factory design bureaus in close cooperation with the leading specialized research institutes. Work is underway to radically improve all of the system's basic characteristics, both combat and operational," the Company CEO Fanil Ziyatdinov said at the Army-2021 international military-technical forum that ended outside Moscow.</p> <p>This year, Kupol featured a large number of its full-size products at the Army-201 arms show, including the Tor-E2, the Tor-A and the Tor-M2KM surface-to-air missile launchers and also the cutting-edge Adyutant multi-purpose air defense target training system. The Tor-M2 is the latest development of this system that has been supplied to Russian troops since 2016. The air defense weapon is also produced in its Tor-M2DT Arctic version that has already begun arriving for the troops. The Tor-M2 is designated to shield vital administrative facilities and the first echelons of ground forces against strikes by anti-radar and cruise missiles, gliding air bombs, aircraft, helicopters, and unmanned aerial vehicles.</p> <p>The Tor air defense system can control the designated airspace on its own and independently shoot down all air targets that are not identified by the friend-or-foe system. The Tor-M2 comprises 16 vertically launched</p>

		surface-to-air missiles with a striking range of up to 12 km and an altitude range of up to 10 km. An upgraded locator is capable of detecting aircraft based on the technology of reduced radar signature.
taiwannews.com.tw 31.08.2021	TWN: Taiwan to equip 6 Kang Ding-class frigates with new missiles	The Navy will upgrade its six Kang Ding-class frigates to improve their air and missile defenses by installing new missile systems. The Sea Sword II is an active radar-guided mid-range air defense missile that completed testing earlier this year. It can engage with anti-ship missiles and threats from airplanes simultaneously, allowing it to deliver a significant improvement over the frigates' current defense capabilities.
tasnimnews.com 31.08.2021	IRN: Iran Tests Upgraded Version of Mersad Missile Defense System	Iran's Army tested an upgraded version of the Mersad missile defense system in the country's central desert. Mersad is a medium-altitude surface-to-air missile system with electronic warfare capabilities. According to General Khoshqalb, the Air Defense Force's Operations Deputy, it has been fully developed by local experts and is capable of using new technologies to counter enemy's electronic warfare and simultaneously engaging multiple hostile targets. He said during the testing, Mersad-16 was put under the control of the Integrated Air Defense Network and, ordered by the Command and Control Center, it detected, engaged and destroyed the targets. The general added that high agility and maneuverability are among the features of Mersad-16, which can detect and act against targets at any altitude. A newer version of the missile defense system will be unveiled in the near future, he went on to say. <i>(Ergänzende Information rt.com vom 31.08.2021: The indigenously developed hardware is made to intercept high-speed targets such as cruise missiles at low altitudes, Brigadier General Mohammad Khoshghalb, Deputy Chief of Operations of the Army Air Defense said.)</i>
economictimes.com indiatimes.com 30.08.2021	IND: Rs 14,000 crore 'Make in India' boost for Army via Akash missiles, Dhruv choppers procurement	In a major boost to 'Make in India' in the defence sector, the Indian Army has sent proposals worth around Rs 14,000 crore to acquire two regiments of the Akash-S air defence missile system and 25 Advanced Light Helicopters (ALHs). The Akash-S missiles are a new variant of the Akash missile system with a new indigenous seeker which helps in improving the accuracy in taking down enemy aircraft and cruise missiles at distances up to 25-30 kms, they said. The missiles are capable of performing in extreme cold weather conditions in Ladakh and would meet all the requirements of the Indian Army in mountainous and other regions along the boundaries with China and Pakistan. The DRDO has also recently tested the Akash-New Generation variant of the Akash missile systems which allows the troops to use it for longer range intersection of enemy targets and capability to operate at very high altitude locations along the Northern Borders.
dailysabah.com 29.08.2021	TUR:	Turkey has no hesitations about purchasing a second batch of the S-400s from Russia, President Recep Tayyip Erdoğan said Sunday, days after it was reported that Ankara and Moscow were close to signing a new contract

	No hesitation over purchase of 2nd batch of S-400s: Erdoğan	for additional units of the air defense missile systems. “Regarding... the purchase of the second [S-400] package and so on; we have no hesitation regarding these matters. We have taken many steps with Russia, whether it be the S-400 or the defense industry,” Erdoğan told reporters aboard the presidential plane on his return from a short trip to the Balkans. The president said all matters would be discussed during his visit to Russia, without providing further details.
lockheedmartin.com 26.08.2021	NLD: The Netherlands Looks Toward The Future With Procurement Of Lockheed Martin’s PAC-3 MSE	U.S. and Dutch officials recently formalized an agreement for the Netherlands to purchase Lockheed Martin’s PAC-3 Missile Segment Enhancement (MSE) interceptors and related support equipment. With the signing, the Netherlands becomes the 12th customer of PAC-3 MSE and advances its missile defense technology from the PAC-3 Cost Reduction Initiative (CRI) the country acquired in 2004. An evolution of the battle-proven PAC-3 Cost Reduction Initiative (CRI), the PAC-3 MSE boasts a dual-pulse solid rocket motor, providing increased performance in altitude and range to defend against incoming threats, including tactical ballistic missiles, cruise missiles and aircraft.
		Boden- und seegestützte Einsatzkräfte, Strategische Kampfmittel und Space Forces
en.yna.co.kr 10.09.2021	KOR: S. Korea signs deal with Daewoo Shipbuilding to build new SLBM submarine	The arms procurement agency said Friday it has signed a 985.7 billion won (US\$853 million) deal with Daewoo Shipbuilding & Marine Engineering Co. to build a new 3,600-ton-class submarine capable of firing submarine-launched ballistic missiles (SLBMs). The Defense Acquisition Program Administration signed the contract Thursday for the second unit of three Changbogo-III Batch-II class submarines that South Korea plans to build by 2029. Construction of the first unit began just last month. The new submarine is expected to have 10 vertical launch tubes for SLBMs, up from six equipped in the 3,000-ton-class submarine.
defense.gov 07.09.2021	US ARMY: M270A2 Multiple Launch Rocket System	Lockheed Martin Missile and Fire Control was awarded a \$22,526,756 modification (P00021) to contract W31P4Q-19-C-0077 to support the production and fielding of the M270A2 Multiple Launch Rocket System. Work has an estimated completion date of March 31, 2025.
en.yna.co.kr 07.09.2021	KOR: S. Korea successfully tests SLBM from new submarine	South Korea has successfully test-fired a homegrown submarine-launched ballistic missile (SLBM) from a new submarine to become the world's eighth country to possess the weapon, sources said Tuesday. The Agency for Defense Development (ADD) carried out underwater ejection tests of the SLBM from the Dosan Ahn Chang-

		<p>ho submarine last week after successful launches from an underwater barge last month, according to the military sources. The locally developed 3,000-ton class submarine is equipped with six vertical launch tubes. After a round of additional tests, the SLBM will be mass produced for deployment, the sources said. The SLBM is believed to be a variant of the country's Hyunmoo-2B ballistic missile, with a flight range of around 500 kilometers, and will be fitted with conventional warheads, according to the sources. The missile has reportedly been codenamed, Hyunmoo 4-4. Unlike conventional land-based missiles, SLBMs are harder to detect as they are launched from submarines for surprise strikes, which is why they are often called "a game changer." The new missile is expected to serve as a key deterrence tool for South Korea, which faces consistent threats by North Korea.</p>
<p>defence-blog.com 02.09.2021</p>	<p>UKR: Ukraine to receive more Javelin shoulder-fired anti-tank missiles</p>	<p>U.S. President Joe Biden has approved a new \$60 mln security assistance package for Ukraine that included Javelin shoulder-fired anti-tank missiles, announced during a meeting with Ukrainian President Vladimir Zelensky in Washington.</p>
<p>en.yna.co.kr 02.09.2021</p>	<p>KOR: S. Korea to develop powerful new missiles</p>	<p>South Korea plans to develop new missiles with significantly enhanced destructive power after the recent lifting of U.S. curbs on the country's missile development, the defense ministry said Thursday. Unveiling its defense blueprint for 2022-2026, the ministry also said the military will deploy new interceptors against long-range artillery threats and upgrade the Patriot system in an effort to bolster its missile defense capabilities. "We will develop stronger, longer-range and more precise missiles so as to exercise deterrence and achieve security and peace on the Korean Peninsula," the ministry said in a release. The ministry said the new missiles will be capable of destroying enemies' tunnels and buildings with accuracy precise enough to hit the size of an entrance of a building, it said. In May, Seoul and Washington agreed to lift the "missile guidelines" restrictions that had barred South Korea from developing or possessing ballistic missiles with a maximum range greater than 800 kilometers.</p> <p><i>(Ergänzende Information en.yna.co.kr vom 02.09.2021: The surface-to-surface missile, which can carry a warhead of up to 3 tons with a flight range of 350-400 kilometers, is in the last stage of development and the timing of its deployment will be determined after several test-firings, according to the sources. That suggests the new ballistic missile could be put into operation before 2026.)</i></p>

		Geo- und Sicherheitspolitik, militärische Übungen
reuters.com 09.09.2021 02:52 PM CEST	RUS/BLR: Russia and Belarus formally open huge war games, worrying NATO	Russia and Belarus formally opened vast joint military drills on Thursday, a week-long exercise across the territory of both countries and in the Baltic Sea that has alarmed some NATO countries. Top military leaders from the two countries attended the opening ceremony of the war games, called "Zapad-2021", in western Russia where flags were raised and speeches given. The active part of the exercise, which comes at a time of heightened tensions between the West and Belarus due to a crackdown on the opposition there, begins on Friday and will run until Sept. 16. The Russian defence ministry said up to 200,000 military personnel, some 80 aircraft and helicopters, up to 15 ships and nearly 300 tanks would take part.
raf.mod.uk 08.09.2021	GBR/CAN: RAF hands over the NATO enhanced Air Policing mission in Romania to the Royal Canadian Air Force	The RAF's, 121 Expeditionary Air Wing has been based at Mihail Kogalniceanu Air Base, near the Black Sea Coast in Romania to support the Romanian Air Force's own Quick Reaction Alert to conduct the mission. During the RAF deployment, the Typhoons of RAF Lossiemouth based IX (Bomber) Squadron launched nine times against suspect aircraft. The incoming Canadian detachment, of approximately 150 personnel and known as the Royal Canadian Air Force-Air Task Force Romania, will be operating six CF-188 Hornet. The Hornets come from 409 (Tactical) Fighter Squadron and are usually based at Cold Lake Air Base in Canada.
reuters.com 09.09.2021	BLR/RUS: Russia moves Sukhoi Su-30 fighter jets to Belarus to patrol borders, Minsk says	Russia has sent Sukhoi Su-30 fighter jets to western Belarus to form a joint military training centre, fly joint missions and patrol the two countries' borders, the Belarusian defence ministry said on Wednesday. The announcement comes two days before the start of military drills in Belarus and Russia that have prompted consternation in the NATO military alliance and European Union countries. The Russian jets "arrived at the Baranovichi airfield to form a joint training centre for the air force and air defence forces of Belarus and Russia," the ministry said in a statement. The statement did not say how many jets landed at Baranovichi. The jets will "will carry out joint combat duty to protect the air borders of the Union State." NATO Secretary-General Jens Stoltenberg last week urged Russia to be transparent in conducting the "Zapad-2021" ("West-2021") exercises. Poland said on Monday the drills would fuel tensions that are already running high over an influx of migrants crossing the border from Belarus into the EU. Russia sees Belarus as a security buffer on its western flank against NATO and the EU. Russia and Belarus are formally part of a "union state" and have been in talks for years to further integrate their nations.
navy.mil 08.09.2021	USN:	On Sept. 8, USS Benfold (DDG 65) asserted navigational rights and freedoms in the Spratly Islands, consistent with international law. This freedom of navigation operation ("FONOP") upheld the rights, freedoms, and lawful uses of the sea. USS Benfold demonstrated that Mischief Reef, a low-tide elevation in its natural state,

	7th Fleet Conducts Freedom of Navigation Operation	is not entitled to a territorial sea under international law. The United States engaged in "normal operations" within 12 nautical miles of Mischief Reef. Under international law as reflected in the Law of the Sea Convention, features like Mischief Reef that are submerged at high tide in their naturally formed state are not entitled to a territorial sea. The land reclamation efforts, installations, and structures built on Mischief Reef do not change this characterization under international law. By engaging in normal operations within 12 nautical miles of Mischief Reef, the United States demonstrated that vessels may lawfully exercise high-seas freedoms in those areas.
economictimes. indiatimes.com 08.09.2021	IND: Looking at procuring 350 aircraft over next two decades: Air Chief Marshal RKS Bhadauria	Emphasising that India becoming self-reliant in the defence sector is crucial for dealing with various challenge, Air Chief Marshal Bhadauria said the IAF is looking at procuring around 350 aircraft from within the country in the next two decades. The IAF chief also said the Tejas light combat aircraft project has instilled confidence in the aerospace industry in India and that it has huge potential to grow further.
tass.com 08.09.2021	RUS/UKR: Plans for US air defense in Ukraine is Russia's 'red line' — Duma committee chief	"The Americans' intention to deploy US air defense weapons in Ukraine is an unequivocally red line for Russia. We should reserve the right to take corresponding retaliatory measures to ensure this component should by no means be available to the irresponsible leaders of our neighbors," Shamanov said. "We cannot afford to let them have such weapons" said the chairman of the State Duma's committee on defense, Vladimir Shamanov (of the United Russia party), said at the party's round-table discussion devoted to Russia's protection from external threats.
focustaiwan.tw 06.09.2021	TWN: Taiwan warplanes to take part in highway landing drill: source	<p>A scheduled military aircraft emergency takeoff and landing drill on a regular roadway will take place early in the morning on Sept. 15 and feature all three models of fighter jets in Taiwan's fleet, a military source told CNA on Monday. The drill will begin at 6:30 a.m. on a 3-kilometer section of Provincial Highway No. 1 near Jiadong and Fangliao in Pingtung County, and feature an Indigenous Defensive Fighter (IDF), an F-16V, a Mirage 2000-5, and a E-2K airborne early warning aircraft, the source said.</p> <p>The emergency landing and take-off drill is aimed at testing each aircraft's ability to land on the roadway in the event that the airstrip of the nearby Pingtung Air Base is seriously damaged by enemy forces, the source said. It will be the first time such a drill has been conducted on a so-called provincial highway, a regular roadway with stoplights and intersections that connect cities. The Jiadong section being used for the drill is one of five built in Taiwan to accommodate emergency military jet landings and takeoffs in the event of a war. The other emergency landing strips are all on National Freeway No. 1 -- the Madou and Rende sections in Tainan City, the Huatan section in Changhua County, and the Minxiong section in Chiayi County.</p>

<p>scmp.com 03.09.2021</p>	<p>CHN: Chinese military says it has a strategic air force – experts disagree</p>	<p>PLA Air Force spokesman Shen Jinke has said that the description now applies to China. But the country lacks the bombers and transport aircraft needed to have true long-range assault capability, experts say.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> https://www.scmp.com/news/china/military/article/3147362/chinese-military-says-it-has-strategic-air-force-experts?module=perpetual_scroll&pgtype=article&campaign=3147362<i>)</i></p>
<p>economictimes. indiaindian.com 02.09.2021</p>	<p>AFG/CHN: China trying to take over Bagram air force base, use Pakistan against India</p>	<p>America's former envoy to the United Nations Nikki Haley said the US needs to closely watch China as it might try to take over the Bagram air force base in Afghanistan following the Taliban's takeover of the war-torn country and use Pakistan to get stronger to go against India.</p>
<p>janes.com 02.09.2021</p>	<p>FRA/DEU: Franco-German transport squadron officially established</p>	<p>German Defence Minister Annegret Kramp-Karrenbauer and her French counterpart, Florence Parly, on 30 August signed the second intergovernmental agreement on Franco-German tactical air transport co-operation, the German Ministry of Defence (MoD) announced in a press release on 2 September. The ministry said the agreement officially established a binational C-130J squadron in Évreux in Normandy on 1 September. The squadron consists of four French Air Force (FAF) C-130Js – two transports and two KC-130J tankers – stationed at Air Base 123 at Orléans-Bricy pending their move to Évreux, to be joined by six Luftwaffe aircraft of the same type.</p>
<p>reuters.com 01.09.2021</p>	<p>TWN/CHN: Taiwan says China can 'paralyse' its defences, threat worsening</p>	<p>China's armed forces can "paralyse" Taiwan's defences and are able to fully monitor its deployments, the island's defence ministry said, offering a stark assessment of the rising threat posed by its giant neighbour. Beijing is stepping up military activities around the island, which it views as Chinese territory. It has never renounced the use of force to bring democratic Taiwan under its control. In its annual report to parliament on China's military, a copy of which was reviewed by Reuters, Taiwan's Defence Ministry presented a far graver view than it did last year, when the report said China still lacked the capability to launch a full assault on Taiwan.</p> <p><i>(Vollständiger Bericht reuters.com vom 01.09.2021 abrufbar unter:</i> https://www.reuters.com/article/us-taiwan-china-defence/taiwan-says-china-can-paralyse-its-defences-threat-worsening-idUSKBN2FX2NZ<i>)</i></p> <p><i>(Ergänzende Information taiwannews.com.tw vom 01.09.2021:</i></p>

		https://www.taiwannews.com.tw/en/news/4280390)
defbrief.com 31.08.2021	AUS: Brand new Australian F-35s hone air dominance on Red Flag debut	<p>The first iteration of the US Air Force's trademark Red Flag exercise to feature F-35 Lightning IIs from the RAAF concluded at Joint Base Elmendorf-Richardson on August 27. RF-A is a Pacific Air Forces-sponsored multinational exercise that provides a simulated combat environment through a series of large force employment training, close air support, and joint offensive counter-air exercises. Other aircraft deployed by Australia for the exercise included an E-7A Wedgetail, and EA-18G Growlers.</p> <p>This iteration of RF-A involved participation by the Royal Australian Air Force, in addition to the multiple US military units who arrived from Kadena Air Base, Japan, and from military installations across the US. Australia's four newest F-35A Lightning II aircraft to roll off the Lockheed Martin production line in Texas headed straight to Alaska to participate in the exercise Red Flag 21-3. After the completion of the exercise, they will land on Australian soil as part of Exercise Lightning Ferry 21-3, bringing Australia's fleet to 41 of 72 planned aircraft.</p>
thebarentsobserver.com 31.08.2021	FIN/NOR/SWE: Nordic fighter jet exercises kicks off inside Arctic Circle	<p>Exercise Arctic Fighter Meet 21 is part of the Nordic defence cooperation and takes place just two weeks before Russian armed forces launches the large-scale Zapad-21 (West 21) exercise. With flights from August 30 to September 3, the Nordic fighter jets will work together in the skies over Lapland, Finland's northernmost region. Sweden participates with JAS 39 Gripen from Kallax Air Base in Luleå, while Norwegian F-16s fly from Bodø take part. Finland's Air Force operates the F/A-18 and Hawk jet trainers.</p> <p>Simultaneously as the Nordic exercise is happening from Rovaniemi will Norway's new F-35 fighter jets from September 1 for the first time drill Quick Reaction Alert (QRA) from Evenes airport in northern Norway. Named Falcon Deploy, the exercise that includes eight F-35 jets will go on for a two-weeks period, the Norwegian Air Force informs. From January 1 next year, a pair of F-35 will be permanently deployed for QRA-missions at Evenes airport. The fighter jets are scrambled when Russian military planes are flying near Norwegian areas of interest in the north. Located north of the Arctic Circle, Evenes is also the airport where Norway's new fleet of P-8A Poseidon maritime patrol aircraft will be based.</p>
en.yna.co.kr 31.08.2021	KOR: S. Korea seeks 4.5 pct hike in defense budget for next year	The defense ministry asked for a 4.5 percent increase in its budget for next year with a focus on strengthening the military's defense capabilities and improving service members' living conditions, officials said Tuesday. The ministry said it has requested a defense budget of 55.23 trillion won (US\$42.4 billion) for 2022, up from this year's 52.84 trillion won. The proposal is scheduled to be submitted to the National Assembly on Friday for approval.

		<p>According to the ministry, 13.7 billion won will be earmarked to procure such assets as surveillance satellites and ballistic missile early warning radar systems, as well as to upgrade the Patriot missiles and the country's 3,500-ton Ulsan-class frigates. The ministry has also sought 7.2 billion won for its plan to build a 30,000-ton-class light aircraft carrier with its own technologies by 2033. Other budget items include 454 billion won for KF-21 fighter development; 421 billion won for a 3,000-ton next-generation submarine project; 11.2 billion won for ultra small-sized satellite development; and 18.9 billion won for an anti-artillery interceptor system. The budget to purchase F-35A fighter jets fell to 2 billion won from this year's 1.2 trillion won as major payments were completed, the ministry said. South Korea began bringing in the advanced stealth fighters from 2019 to beef up air defense capabilities under a plan to deploy 40 units through this year.</p>
<p>tass.com 30.08.2021</p>	<p>RUS: All of Russia's latest weapons tested in Syria, says defense chief</p>	<p>"In Syria, where we have tested over 320 [types of weapon], in fact, we have tested all the weapons, except for easy-to-understand versions," the Defense Minister Sergey Shoigu said. The deliveries of the latest weaponry to Russian troops have increased substantially lately, Shoigu pointed out. "The requirements for fulfilling the defense procurement plan have risen dramatically. Over the past nine years, we have received 15,500 weapon systems for the ground forces. In 1999-2002, we had gotten 10 or 19 aircraft at best, that is, fixed-and rotary-wing aircraft all together. That's why now that we receive 140-150 aircraft annually, this is quite a different story," the defense chief emphasized.</p>
<p>reuters.com 30.08.2021 12:37 AM CEST</p>	<p>PRC: North Korea appears to have restarted nuclear reactor, IAEA says</p>	<p>North Korea appears to have restarted a nuclear reactor that is widely believed to have produced plutonium for nuclear weapons, the U.N. atomic watchdog has said in an annual report. The International Atomic Energy Agency has had no access to North Korea since Pyongyang expelled its inspectors in 2009. The country then pressed ahead with its nuclear weapons programme and soon resumed nuclear testing. Its last nuclear test was in 2017. The IAEA now monitors North Korea from afar, largely through satellite imagery.</p>
<p>defensenews.com 27.08.2021</p>	<p>NOR: Norway sets timeline to deploy sub-hunting aircraft in the Arctic</p>	<p>Norway's announcement that it plans to deploy P-8A Poseidon surveillance aircraft to the Arctic in 2022 marks significant progress in the country's long-term effort to bolster defense capabilities and readiness in the region. The Royal Norwegian Air Force ordered five P-8A Poseidons with delivery dates in 2022 and 2023 to replace its in-service fleet of six Lockheed Martin P-3C/N Orion maritime patrol aircraft and two Dassault Falcon 20 special mission aircraft. The service's P-3 Orions operate from the Andoya Air Station, located 190 miles inside the Arctic Circle. The Ministry of Defence approved Evenes Air Station as the main base for its future Boeing-made fleet. Evenes Air Station offers the P-8As shorter flying times to key strategic areas within Norway's maritime security zone in the high north. The aircraft to be are equipped with submarine-detection sonobuoy technology, and they can identify and launch torpedoes to eliminate hostile submarines.</p>

<p>globaltimes.cn 27.08.2021</p>	<p>CHN/RUS: China-Russia drill signals new era in joint exercises</p>	<p>A joint military exercise between China and Russia, code-named ZAPAD/INTERACTION-2021, has charted the course for a new high-point in bilateral relations, opened new horizons for military drills between major countries, and explored new models for planning exercises together, a Chinese military spokesperson told a press conference on Thursday. The joint military drill was held from Aug. 9 to 13 in northwest China's Ningxia Hui Autonomous Region. It concluded with great success and achieved the targets of deepening China-Russia strategic mutual trust, strengthening exchanges and cooperation between the two countries, and unleashing their combat capabilities, said Tan Kefei, spokesperson for the Ministry of National Defense. During the exercise, the Chinese and Russian troops were mixed into groups, made exercise plans together and carried out joint operations on the same battlefield.</p>
<p>reuters.com 27.08.2021</p>	<p>CHN: China will soon surpass Russia as a nuclear threat –senior U.S. military official</p>	<p>China, in the midst of a rapid nuclear weapons buildup, will soon surpass Russia as the United States' top nuclear threat, a senior U.S. military official said on Friday, warning that the two countries have no mechanisms to avert miscommunication. Unlike with Russia, the United States did not have any treaties or dialogue mechanism with China on the issue to "alleviate any misperceptions or confusion," he added. In a 2020 report to Congress, the Pentagon estimated China's operational nuclear warhead stockpile to be in "the low 200s," and said it was projected to at least double in size as Beijing expands and modernizes its forces. According to a State Department fact sheet, the United States had 1,357 nuclear warheads deployed as of March 1. China's advances in missile technology to deliver those warheads are also a concern for the United States, and Bussiere said China last year tested more ballistic missile capabilities than the rest of the world combined.</p>
		<p>Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos</p>
<p>nationalinterest.org 09.09.2021</p>	<p>Unstoppable: What Recent Wargames Reveal About the F-35</p>	<p>The stealth fighter jet has proven to be indispensable as a training platform to give the fleet a taste of what it's like to be pitted against the cutting-edge capabilities of a fifth-generation stealth fighter.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> https://nationalinterest.org/blog/buzz/unstoppable-what-recent-wargames-reveal-about-f-35-1933059 <i>)</i></p>

<p>www.usni.org 09.09.2021</p>	<p>USN: USNI News Fleet and Marine Tracker: September 09, 2021</p>	<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 September 09, 2021, based on Navy and public data. In cases where a CSG or ARG is conducting disaggregated operations, the chart reflects the location of the capital ship.</p> <p><i>(Infographic abrufbar unter:</i> https://news.usni.org/2021/09/09/usni-news-fleet-and-marine-tracker-sept-9-2021)</p>
<p>iiss.org 03.09.2021</p>	<p>Cruise Missiles in the Middle East</p>	<p>Cruise missiles are an often-overlooked and opaque regional proliferation challenge in the Middle East. This MDI paper provides a technical analysis of current national inventories and development programmes in the Middle East. Considering these programmes, this paper also assesses what drives regional states to develop cruise-missile technology and what the potential implications of this are for regional stability.</p> <p><i>(Vollständiger Report abrufbar unter:</i> file:///C:/Users/Standard/Downloads/Cruise%20missiles%20in%20the%20Middle%20East%20(2).pdf)</p>
<p>defenseone.com 02.09.2021</p>	<p>USA: The Kabul Airlift in 5 Charts</p>	<p>The largest emergency airlift ever handled by the U.S. military started slowly and built to a torrent.</p> <p><i>(Infographic abrufbar unter:</i> https://www.defenseone.com/threats/2021/09/evacuating-afghanistan-5-charts/185090/)</p>
<p>f35.com 01.09.2021</p>	<p>USA: F-35 Lightning II Program Status and Fast Facts</p>	<p>Program Status and Recent Milestones at a Glance</p> <p><i>(September 2021 Review abrufbar unter:</i> https://www.f35.com/content/dam/lockheed-martin/aero/f35/documents/FG21-00000_001%20F35FastFacts9_2021.pdf)</p>
<p>crsreports.congress.gov 25.08.2021</p>	<p>USA: Hypersonic Weapons: Background and Issues for Congress</p>	<p>The United States has actively pursued the development of hypersonic weapons—maneuvering weapons that fly at speeds of at least Mach 5—as a part of its conventional prompt global strike program since the early 2000s. In recent years, the United States has focused such efforts on developing hypersonic glide vehicles, which are launched from a rocket before gliding to a target, and hypersonic cruise missiles, which are powered by high-speed, air-breathing engines during flight. As Vice Chairman of the Joint Chiefs of Staff and former Commander of U.S. Strategic Command General John Hyten has stated, these weapons could enable “responsive, long-range, strike options against distant, defended, and/or time-critical threats [such as road-mobile missiles] when other forces are unavailable, denied access, or not preferred.” Critics, on the other</p>

		<p>hand, contend that hypersonic weapons lack defined mission requirements, contribute little to U.S. military capability, and are unnecessary for deterrence.</p> <p><i>(Vollständiger Report abrufbar unter:</i> https://crsreports.congress.gov/product/pdf/R/R45811<i>)</i></p>
ustaiwandefense.com March 2021	TWN: Taiwan-Quadrennial- Defense-Review - The Republic of China	<p>The QDR is a guiding document that directs the future development of the ROC Armed Forces. "Striving Forward and Creating a New Prospect" is the motive of the 2021 QDR.</p> <p><i>(Vollständiges Dokument abrufbar unter:</i> https://www.ustaiwandefense.com/tdnswp/wp-content/uploads/2021/03/2021-Taiwan-Quadrennial-Defense-Review-QDR.pdf<i>)</i></p>

Zielsetzung NACHBRENNER	<p>Der NACHBRENNER hat zum Ziel eine am Thema Militärluftfahrt und Luftkriegsführung interessierte Leserschaft zeitnah über</p> <ul style="list-style-type: none"> ° Die Fähigkeiten und die Schlüsselfunktion von Air Power, ° die zentrale Bedeutung einer integrierten Luftverteidigung, ° die Weiterentwicklung von Luftstreitkräften mit einem besonderen Fokus Europa, ° Entwicklungen und Entwicklungstendenzen in der 3. Dimension sowie ° die möglichen verheerenden Folgen eines ungeschützten schweizerischen Luftraums für unsere Bevölkerung und Souveränität im Frieden, bei Terrorangriffen aus der Luft sowie im Konfliktfall <p>zu orientieren.</p> <p>Dafür werden offene staatliche und Firmen-Quellen sowie die Tages- und Fachpresse ausgewertet und in primär englischer Sprache thematisch und chronologisch zusammengeführt.</p>
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<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 2021-18</p>	<ul style="list-style-type: none"> ° Nachrichtenblatt NACHBRENNER 2021-18 vom 10.09.2021 ° MNS-Stellungnahme 2021-06 "Vereint macht dauerhaft, Zertrennung unheilschaft" ° MNS-Stellungnahme 2021-07 «SP und Grüne wollen nun ein europäisches Kampfflugzeug kaufen – Man merkt die Absicht und man ist verstimmt!»
<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> <p>Auf die gleiche Art erfolgt die Annulation des Abonnements.</p>