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		Sicherheitspolitik Schweiz und Air2030
youtube.com 26.10.2021	Videobotschaft Kommandant Luftwaffe	<p>EIN MUST!</p> <p>Werte Mitarbeitende und Milizangehörige der Luftwaffe Nach etwas mehr als 100 Tagen in meiner neuen Funktion ist es mir ein Anliegen, mich per Videobotschaft an Sie zu wenden.</p> <p>(Abrufbar unter: https://youtu.be/y_l-qWvfsY4)</p> <p>In französischer Sprache: https://youtu.be/4TpVbSrxBbA</p> <p>In italienischer Sprache: https://youtu.be/930i36o6oVo</p>
ogzo.ch Oktober 2021	Air2030 – Beschaffung und Einsatz der künftigen Luftverteidigungsmittel F-35A und PATRIOT	<p>EIN MUST!</p> <p>Es ist dem Vorstand der OGZO gelungen, die Vortragsreihe zum Projekt „Air2030 – NKF“ um einen weiteren interessanten Orientierungsanlass fortzusetzen. Wir werden am Samstag, 06.11.2021, einen Doppel-Vortragsanlass mit hochkarätiger Besetzung durchführen, und zwar mit dem Kdt LW, Div Peter Merz und dem Chef-Test-Pilot der Armasuisse, Oberstlt Bernhard Berset.</p> <p>6. November 2021 Zeit: 13:15 - 17:15</p> <p>Veranstaltungsort Gasthof Hirschen Zürichstrasse 2 8340 Hinwil</p> <p>AUSGEBUCHT – KEINE FREIEN PLÄTZE MEHR!</p>

avia-luftwaffe.ch 01.11.2021	Das Interview mit Divisionär Peter «Pablo» Merz ist online!	EIN MUST: Die AVIA Luftwaffe hatte die Möglichkeit mit dem Kommandanten der Schweizer Luftwaffe, Divisionär Peter Merz, ein Interview zu führen. Seine neue Funktion als Kommandant Luftwaffe, der F-35A und die Frage «Warum braucht es eine Schweizer Luftwaffe» standen dabei im Zentrum. <i>(Video-Interview abrufbar unter:</i> https://www.youtube.com/watch?v=1dUNLGx6J0g
blick.ch 03.11.2021	GSoA hilft der Schweizer Wirtschaft	Will Lockheed Martin der Schweiz den F-35-Kampffjet verkaufen, muss davon auch die hiesige Wirtschaft profitieren. Schon aus Eigeninteresse wegen der drohenden Initiative der Flugzeug-Gegner dürfte der US-Konzern die Gegengeschäfte vorantreiben wollen. <i>(Vollständiger Artikel abrufbar unter:</i> https://www.blick.ch/politik/kampffjet-anbieter-unter-druck-gsoa-hilft-der-schweizer-wirtschaft-id16956559.html
vbs.admin.ch 02.11.2021	Könnte der Luftraum in Kooperation mit den Luftwaffen der Nachbarländer nicht besser geschützt werden?	Die Schweiz kooperiert mit ihren Nachbarstaaten, z.B. im Austausch von Luftlagedaten und wenn es darum geht, verdächtige oder nichtkooperative Flugobjekte zu identifizieren und diese beim allfälligen Überfliegen der Landesgrenzen an die Nachbarluftwaffen zu übergeben oder von den Nachbarn zu übernehmen. Beim Luftpolizeidienst über dem eigenen Territorium oder Luftverteidigungs-, Luftaufklärungs- und Luft-Boden-Einsätzen geht es aber um grundlegende Fragen staatlicher Souveränität. Fast alle Staaten nehmen diese Aufgaben selber wahr – selbst solche, die Bündnissen angehören. Die Überwachung und der Schutz des eigenen Luftraums sind zentrale Aufgaben und Verantwortungen eines Staates. Die Schweiz als neutraler Staat will diese Aufgabe auch weiterhin souverän wahrnehmen, genauso wie die meisten europäischen Staaten auch. Eine über die bisherige Praxis hinausgehende Kooperation mit Nachbarstaaten würde rasch neutralitätsrechtliche und -politische Fragen aufwerfen.
defensio@vtg.admin.ch 02/2021	Die am besten geeigneten Systeme für die Schweiz	Der F-35A von Lockheed Martin und das Patriot-System von Raytheon gehen als Sieger aus dem Evaluationsprozess hervor. Die beiden Systeme wiesen in der Evaluation den höchsten Gesamtnutzen und gleichzeitig die tiefsten Gesamtkosten auf. Infolgedessen hat der Bundesrat beschlossen, dem Parlament zu beantragen, 36 Kampfflugzeuge des Typs F-35A des US-Herstellers Lockheed Martin und fünf Feueereinheiten des Typs Patriot des US-Herstellers Raytheon zu beschaffen. <i>(Vollständiger Beitrag abrufbar unter:</i> file:///C:/Users/Standard/AppData/Local/Temp/81_224_d_defensio_2-21_web.pdf

skynews.ch 11-2021	F-35-Piloten als Situationsmanager mit Informationsvorsprung - Ein Jet für die Zukunft	Lockheed Martin hat im September einen F-35-Simulator in die Schweiz gebracht, um hier besser zeigen zu können, wo die herausragenden Fähigkeiten der F-35A liegen. Zwei erfahrene Testpiloten haben im originalgetreuen Cockpit erklärt, welche Vorteile zum Beispiel die Sensor-Fusion auf einer Luftpolizeimission bringt. (Vollständiger Artikel abrufbar unter: file:///C:/Users/Standard/AppData/Local/Temp/Sky%20News%201121%20Simulator.pdf)
SkyNews.ch 11-2021	Wie Italien mit F-35A den baltischen Luftraum schützte	Da die baltischen Staaten Estland, Lettland und Litauen über keine Kampffjets verfügen, wird die Überwachung und Sicherung ihres Luftraums seit 2004 von der NATO übernommen – nicht gratis, versteht sich. Von Mai bis August 2021 war erneut Italien an der Reihe und setzte dafür erstmals die Lockheed Martin F-35A über dem Baltikum ein (Vollständiger Artikel abrufbar unter: file:///C:/Users/Standard/AppData/Local/Temp/Sky%20News%201121%20Baltic%20Air%20Policing.pdf)
tagesanzeiger.ch 30.10.2021	Kampffjet Kontroverse - In Norwegen ist die F-35 viel teurer als in der Schweiz	Das gabs wohl noch nie: Die Schweiz wird im Verteidigungsbudget von Norwegen erwähnt. Der Grund ist, dass der Bundesrat den amerikanischen Kampffjet F-35 kaufen will. Das kommt der norwegischen Regierung entgegen. Sie hat die F-35 bereits im Einsatz – und je mehr Länder auf das gleiche Flugzeug setzen, desto günstiger wird es. Im Budget ist in der Tat von «Skaleneffekten» die Rede. (Ganzer Artikel mit Registrierpflicht abrufbar unter: https://www.tagesanzeiger.ch/in-norwegen-ist-die-f-35-viel-teurer-als-in-der-schweiz-777874002876)
admin.ch 28.10.2021	Air2030: Chefin VBS und Chef der Armee empfangen US-General zu Gesprächen über Beschaffung des F-35A	Bundesrätin Viola Amherd, Chefin VBS, hat sich am 28. Oktober 2021 mit Lieutenant General Eric T. Fick F-35 Program Executive Officer in Bern getroffen. Auch der Chef der Armee, Korpskommandant Thomas Süssli, hat den US-General auf dem Militärflugplatz in Emmen empfangen. Ebenfalls auf dem Programm des US-Generals standen Gespräche mit Vertretern des Programms Air2030. Im Zentrum der Gespräche stand die geplante Beschaffung von 36 Kampfflugzeugen des Typs F-35A. u.a. Datenhoheit gewährleistet

		<p>Während des Gesprächs zwischen Korpskommandant Süssli und Lieutenant General Eric T. Fick auf dem Militärflugplatz in Emmen ging es insbesondere um die Erfahrungen der US-Streitkräfte mit dem F-35. Besprochen wurden unter anderem die Gestaltung der zukünftigen Zusammenarbeit und die Cyber-Sicherheit. Dabei bestätigte der US-General, dass die Schweiz selbst bestimmt, welche Daten sie mit anderen Luftwaffen austauscht; zudem sind das Cybermanagement, die Sicherheit der Rechnerarchitektur und die auf Cyberschutz ausgerichteten Massnahmen umfassend gewährleistet. Bei den Gesprächen zwischen dem US-General und den Vertretern des Programms Air2030 ging es um Themen wie die Produktion oder die Einführung der Flugzeuge in die Schweizer Luftwaffe.</p> <p><i>(Vollständige Medienmitteilung abrufbar unter: https://www.admin.ch/gov/de/start/dokumentation/medienmitteilungen.msg-id-85639.html)</i></p>
ar.admin.ch 26.10.2021	Wärmebildgeräte	<p>Mit dem zweiten Beitrag aus der Reihe des Clusters Optronik des Fachbereiches Führungssysteme soll den Leserinnen und Lesern die Welt der Wärmebildgeräte nähergebracht werden.</p> <p><i>(Vollständiger informativer und lesenswerter Beitrag abrufbar unter: https://www.ar.admin.ch/de/dokumente-und-publikationen/armasuisse-insights/fuehrungssysteme/waermebildgeraete.html)</i></p>
bulletin-1.ch Dr. Peter Forster 25.10.2021	F-35 bewährt sich auch in der Luftpolizei	<p>Zum endlosen Katalog der F-35-Feinde gehört das Scheinargument, der Jet der 5. Generation taue nicht für den Luftpolizei-Dienst. Die neue Ausgabe des spannenden Aviatikmagazins "SkyNews" belehrt sie eins Besseren. Soeben bewährten sich vier F-35A der italienischen Luftwaffe im NATO-Luftpolizei-Auftrag "BALTIC EAGLE II", im Schutz des baltischen Luftraums.</p> <p><i>(Vollständiger Beitrag bulletin-1.ch abrufbar unter: https://bulletin-1.ch/f-35-bewaehrt-sich-auch-in-der-luftpolizei/)</i></p> <p><i>(Siehe auch Beitrag in der Rubrik «Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos»)</i></p>
srf.ch 23.10.2021	Armeechef Thomas Süsslis Mühen mit den Informatikkosten	<p>Armeechef Thomas Süssli nimmt Stellung. Er ist live zu Gast in der «Samstagsrundschau» bei Eveline Kobler. Im 2. Teil des Interviews Stellungnahme zur geplanten Beschaffung des F-35.</p> <p><i>(Podcast abrufbar unter: https://www.srf.ch/audio/samstagsrundschau/armeechef-thomas-suesslis-muehen-mit-den-informatikkosten?id=12076251)</i></p>

nzz.ch 22.10.2021	Viola Amherd setzt ein sicherheitspolitisches Zeichen – endlich! von Georg Häslar Sansano	Die Schweiz überprüft eine militärische Annäherung an Europa. Die Idee des Verteidigungsdepartements wirft Fragen der Neutralität auf. Doch endlich wird die Diskussion über den Zusammenhang von Sicherheits- und Aussenpolitik geführt. ... Dass das Thema gerade jetzt offensiv lanciert wird, hängt auch mit der geplanten Beschaffung des US-Kampffjets F-35 zusammen. Die beiden Nachbarländer Deutschland und Frankreich sind verschnupft. Ihre Produkte sind in der Schweizer Evaluation am Verhältnis von Preis und Leistung gescheitert: deutlicher übrigens, als dies öffentlich bekannt ist. Das VBS bemüht sich jetzt, die sicherheitspolitische Solidarität der Schweiz mit Europa herauszustreichen. ... <i>(Vollständiger registrierpflichtiger Kommentar abrufbar unter: https://www.nzz.ch/meinung/bundesraetin-vioa-amherd-spricht-endlich-ueber-sicherheitspolitik-ld.1651572)</i>
mns 22.10.2021	Replik auf den NZZ-Leserbrief 20.10.2021 von Roger E. Schärer, Oberst a D., Initiativkomitee Stopp F-35, Trin Mulin	Das Engagement von Roger E. Schärer für den Kauf eines neuen Kampfflugzeugs aus Europäischer Fertigung ist unglaublich. <i>(Vollständige Replik im Anhang zu diesem Versandmail Nachrichtenblatt NACHBRENNER 2021-22)</i>
vtg.admin.ch 22.10.2021	Milizstab macht sich fit - mit und für STABANTE 22	Mit der Aktionsplanung in der Übung STABANTE 22 macht der Milizstab des Lehrverbands Flab 33 (LVb Flab 33) einen weiteren Schritt auf dem Weg zum voll funktionsfähigen Einsatzstab. Bereits eingebunden in die Vorbereitung und die Übung: das zur Beschaffung beantragte BODLUV-System Grosser Reichweite (Patriot). <i>(Vollständige Medienmitteilung abrufbar unter: https://www.vtg.admin.ch/de/organisation/kdo-op/lw.detail.news.html/vtg-internet/verwaltung/2021/21-10/milizstab-macht-sich-fit-mit-und-fuer-stabante22.html)</i> <i>(Interessantes Faktenblatt zur Typenwahl BODLUV GR abrufbar unter: file:///C:/Users/Standard/Downloads/210705_Faktenblatt%20zur%20Typenwahl%20BODLUV%20GR_final%20(1).pdf)</i>
skynews.com 2021-09	CHE: F-35 – Ein Quantensprung	Mit ihren Qualitäten hat die F-35A Lightning II von Lockheed Martin die Schweizer Kampffjet-Evaluation klar gewonnen. Sie hat die Konkurrenz nicht nur mit überragenden Leistungen hinter sich gelassen, das F-35A-Paket hat auch das günstigste Preisschild.

		(Vollständiger Bericht abrufbar unter: https://www.dropbox.com/sh/jij6tjwqatqvjq/AACy1R_NpF6DK9PeIbOCizQGa?dl=0&preview=SkyNews.ch-0921_08-15.pdf#)
		Luft- und Marineluftstreitkräfte sowie strategische und weitere luftgestützte Einsatzmittel
en.yna.co.kr 05.11.2021	KOR/IDN: S. Korea, Indonesia to hold last-stage talks over overdue payments for fighter jet project	South Korea and Indonesia will hold what could be the final round of negotiations in the Southeast Asian country next week to address the latter's overdue payments for the joint fighter development project KF-X, informed sources said Friday. Indonesia had agreed to shoulder 20 percent of the new fighter's development cost. But it later stopped making payments, with the amount of the overdue payments currently standing at 704.1 billion won (US\$593 million). Concerns about Indonesia's possible pullout from the project first surfaced when the country brought its technicians involved in the fighter development program in South Korea back to their home country in March last year, citing the spread of the COVID-19 pandemic. In August, a group of Indonesian technicians returned to Korea, raising expectations that the joint fighter development program will gain traction.
focustaiwan.tw 04.11.2021	TWN: Taiwan's first F-16V combat squadron to be commissioned Nov. 18	Taiwan's first F-16V combat squadron will be officially commissioned in a ceremony at the Air Force's Chiayi Base on Nov. 18, which will be presided over by President Tsai Ing-wen (蔡英文), a military source told CNA on Thursday. These F-16Vs are former F-16A/Bs that have been upgraded as part of a program launched by the Air Force in 2016 to retrofit all of its 141 F-16 A/Bs into F-16Vs, which are equipped with more advanced avionics, including APG-83 Scalable Agile Beam Radar, a Helmet Mounted Cueing System, and other flight management and electronic warfare systems. A military source familiar with the matter told CNA that the Air Force has already successfully upgraded at least 42 of the 141 F-16 A/B jet fighters to the new F-16V standards. After commissioning, the 42 F-16Vs will be listed under the 4th Tactical Fighter Wing based in Chiayi. The Air Force has previously said that the upgrading of all 141 F-16A/Bs will be completed by 2023.

		In addition to the retrofit program that is still ongoing, Taiwan has also purchased 66 new F-16Vs from the United States, with delivery expected to start in 2023. The 66 F-16Vs will be deployed at the Taitung Air Base in eastern Taiwan.
janes.com 03.11.2021	F-35 being pitched to new European customers	An official has noted new active sales campaigns in Europe for the Lockheed Martin F-35 Lightning II Joint Strike Fighter (JSF). Speaking under the Chatham House Rule, the official said that, in addition to the already known competition in Finland and the previously disclosed requirement in Greece, the F-35 is currently engaged in hitherto undeclared campaigns in two other European countries. "A number of other [European] countries have expressed interest officially, and that would be Spain, Greece, and the Czech Republic. [These] are in active campaign," the official said on 3 November.
en.yna.co.kr 03.11.2021	SVK: S. Korea eyes exports of FA-50 fighters to Slovakia	Korea Aerospace Industries Ltd. (KAI), South Korea's sole aircraft maker, is seeking to join Slovakia's US\$500 million project to procure 10 trainer jets, the state arms procurement agency said Wednesday. KAI is set to sign an arrangement with Slovakia's state-run defense firm LOTN on Wednesday (Hungary time) to ensure smooth bilateral cooperation over its efforts to export homegrown FA-50 fighters, the Defense Acquisition Program Administration (DAPA) said. Slovakia has been pushing for the defense project to replace its aging fleet of L-39 trainer aircraft. The country is expected to issue a request for proposals in the first half of next year, a DAPA official said. The FA-50 is a light attack variant of the T-50 trainer jet that KAI has developed with technological cooperation with the U.S. defense firm Lockheed Martin. The FA-50 can be used for both training and operational purposes.
tass.com 02.11.2021	RUS: Russia to feature cutting-edge Checkmate fighter at Dubai Airshow	Russia's state tech corporation Rostec will for the first time demonstrate the Checkmate fifth-generation single-engine fighter at the Dubai Airshow 2021 that will run in the United Arab Emirates (UAE) on November 14-18, a source in the aircraft-building industry told TASS on Tuesday. Russia's state tech corporation Rostec unveiled the latest domestic single-engine fighter dubbed Checkmate at the MAKS-2021 international air show that ran in the suburban town of Zhukovsky outside Moscow on July 20-25. The new plane created by Rostec at its own initiative, is a derivative of the Su-57 fifth-generation fighter. The new single-engine fighter is based on stealth technology and is outfitted with an inboard compartment for airborne air-to-air and air-to-surface armaments. The fighter will carry a payload of over 7 tonnes and will be capable of striking up to six targets at a time. The Checkmate fighter will be capable of flying at Mach 1.8 (1.8 times the speed of sound) and will have an operating range of 3,000 km. The aircraft will be outfitted with a

		highly efficient powerplant. The new fighter is expected to take to the skies in 2023 and Rostec plans to launch the combat plane's serial production starting in 2026.
defense.gov 29.10.2021	USAF: F110-GE-129 engines (installs and spares) for the F-15EX fleet	General Electric Co. has been awarded a \$1,579,662,187 firm-fixed-price contract including all options for the F-15EX Lots 2+ propulsion system procurement. This contract provides for 29 F110-GE-129 engines (installs and spares) for the F-15EX fleet. The contract also provides seven option lots for a most probable quantity of 329 total engines if all options are exercised. Work is expected to be completed by June 30, 2031.
thedrive.com 29.10.2021	CHN: China's Carrier-Capable Naval Stealth Fighter Has Flown	Photos beginning to appear on social media apparently show, beyond little doubt, the carrier version of China's Shenyang FC-31 stealth fighter, which is expected to play a vital role in the continued and impressive development of the People's Liberation Army Navy (PLAN) carrier force. While we have previously seen an apparent mockup of the jet — the first stealthy carrier-capable fighter to be developed outside the United States — the new images show a prototype flying for what may well be the first time.
janes.com 29.10.2021	JPN: Japan takes delivery of first KC-46A tanker aircraft	Boeing has delivered the first of four KC-46A Pegasus aerial refuelling tanker aircraft on order for the Japan Air Self-Defense Force (JASDF). The aircraft arrived on 29 October at Miho Air Base in Tottori Prefecture, western Japan, a spokesperson at the base told Janes . The second tanker is in production and is expected to be delivered this December. The JASDF is aiming to add two more to the four aircraft already on order.
janes.com 29.10.2021	QAT: First F-15QAs head for Qatar	The first F-15QA Ababil combat aircraft for Qatar have departed Boeing's Missouri production facility for the Gulf emirate. Five Qatari-variant Advanced Eagles left St Louis Lambert International Airport on 27 October on the first leg of their nearly 12,000 km journey to their future home operation station of Al Udeid Air Base. The departure was noted by flight tracking providers, and imagery of the aircraft lined up at St Louis prior to take off and arriving at their stop-off point at Royal Air Force Mildenhall in the United Kingdom was posted online. Neither the US Department of Defense (DoD), Boeing, nor the Qatari Emiri Air Force (QEAF) had officially announced the move at the time of publication.
dailysabah.com 28.10.2021	TUR: Turkey to US: Deliver F-35 fighters or return money paid for them	The United States should either deliver the F-35 fighter jets that Turkey paid for but was blocked from receiving, return the money or give another product instead, the Turkish foreign minister said Thursday. Turkey, a manufacturer and buyer of the F-35s, was expelled from the program last year over its purchase of Russia's S-400 air defense systems. It says its removal is unjust and has demanded reimbursement for its \$1.4 billion investment in the program.

		<i>(Ergänzende Information aljazeera.com vom 27.10.2021: Turkish President Recep Tayyip Erdogan said he expects to meet US President Joe Biden next week and take up Turkey's removal from the US-led F-35 stealth fighter jet programme. "Most likely we will have a meeting in Glasgow instead of Rome. Our most important issue will be the F-35," Erdogan told reporters on his return from a trip to Azerbaijan on Wednesday.)</i>
tass.com 28.10.2021	PER: Russia ready to supply combat aircraft to Peru	Peru's Air Force is equipped with the multirole Mikoyan MiG-29 fighter jets, Sukhoi Su-25 jet aircraft and the Mil Mi-171Sh-P military transport helicopters. "We reaffirm our readiness to supply new Russian combat aircraft of Peru's choice," the CEO of Russia's state arms seller Rosoboronexport (part of the Rostec state corporation) Alexander Mikheyev said. According to Mikheyev, Russia is also willing to upgrade Peru's warplanes. "Russia is ready to ensure the upgrading of the MiG-29 and Su-25 jet aircraft if Peru makes a request," the Rosoboronexport CEO said.
raf.mod.uk 28.10.2021	RAF: Air-to-air refuelling first for RAF Atlas	A RAF Atlas C1 (A400M) transport aircraft has been refuelled in the air for the first time. In trials conducted recently by RAF Brize Norton based 206 Squadron, the large transport aircraft received fuel from a Voyager air-to-air refuelling tanker. Both Atlas (A400M), which provides tactical airlift and strategic airlift, and the dual role transport and tanker Voyager, recently played pivotal roles in the evacuation of civilians from Afghanistan.
tass.com 28.10.2021	RUS: Potential foreign customers eye Russia's cutting-edge Checkmate fighter	<p>Potential foreign customers show a keen interest in Russia's latest Checkmate fifth-generation single-engine fighter, CEO of the state arms seller Rosoboronexport Alexander Mikheyev told TASS. It is early to speak about any orders for the latest Checkmate fighter, he said. "The aircraft first has to take to the skies and cover the way from a prototype to a serial-produced aircraft," Mikheyev said.</p> <p>The new single-engine fighter is based on stealth technology and is outfitted with an inboard compartment for airborne air-to-air and air-to-surface armaments. The fighter will carry a payload of over 7 tonnes and will be capable of striking up to six targets at a time. The Checkmate fighter will be capable of flying at Mach 1.8 (1.8 times the speed of sound) and will have an operating range of 3,000 km. The aircraft will be outfitted with a highly efficient powerplant. The new fighter is expected to take to the skies in 2023 and Rostec plans to launch the combat plane's serial production starting in 2026. Russia's latest, cutting-edge fighter is expected to compete with America's F-35A Lightning II and Sweden's JAS-39 Gripen. The Checkmate incorporates the latest systems, including its open architecture configuration to meet the customer's requirements and unique artificial intelligence technologies.</p>
flightglobal.com 28.10.2021	CHN:	China has become the first country in the world to develop a two-seat stealth fighter, with the emergence of a Chengdu J-20 with a back seat. Images from Chengdu posted on Weibo show the aircraft taxiing, still in its

	<p>Two-seat J-20 fighter breaks cover in Chengdu</p>	<p>yellow factory primer. Unlike deployed J-20s, the aircraft features an air data boom on its nose. Apart from the second cockpit, demarcated by a canopy frame, the fighter looks basically identical to the baseline J-20. Online, the tentative designation for the two-seat version is J-20S. The designation J-20B, some observers believe, should refer to J-20s powered by the Shenyang WS-15 Emei engine. Existing J-20s are powered by either the Saturn AL-31FN or WS-10C.</p> <p>Little is known about Beijing's plans for the twin seater. One possible use for adding a second seat is to support manned-unmanned teaming (MUM-T), such as with the Hongdu GJ-11 Sharp Sword unmanned combat air vehicle (UCAV). In this role, a weapons system officer in the back seat would handle sensors and weapons employment of UCAVs operating in the vicinity of the J-20. He could also help coordinate other manned assets. AVIC officials have periodically said that they see the airborne early warning & control mission being performed by networks of different aircraft operating together. The back seat could also mark an intention to develop an electronic warfare (EW) variant of the J-20. This would build on Beijing's experience with the J-16D, the EW variant of the J-16 fighter.</p> <p>Finally, the second seat can also support pilot training for the J-20 family.</p> <p>Irrespective, the appearance of a two-seat J-20 gives China the unique distinction of having the world's first stealth aircraft with a back seat, as neither the Lockheed Martin F-22 or F-35 comes with a back-seat version.</p> <p><i>(Ergänzende Information scmp.com vom 29.10.2021: The world's first twin-seater stealth fighter could make its maiden flight in less than a fortnight, as China prepares to show off its latest home-grown breakthrough in military technology. The prototype, with an elongated canopy, was unveiled two weeks before the PLA Air Force's 72nd anniversary on November 11, suggesting its maiden flight could be part of the celebrations, according to a military source who requested anonymity. Experts said the variant showed China had beaten the US and other competitors. It was an attempt to prove that the US concept of next generation air dominance (NGAD) could be successfully applied in Chinese aircraft technology, they said. NGAD is aimed at developing US air force superiority in the 2030s by creating a network of advanced fighter aircraft, sensors and weapons with jets and autonomous drones fighting side by side.)</i></p>
<p>reuters.com 27.10.2021</p>	<p>USA/TUR: U.S. lawmakers express concern over reports of potential Turkey F-16 purchase</p>	<p>Democratic and Republican U.S. lawmakers urged President Joe Biden's administration not to sell F-16 fighter jets to Turkey and said they were confident Congress would block any such exports. In a letter dated 25.10.2021 to Biden and U.S. Secretary of State Antony Blinken, 11 members of the House of Representatives cited "a profound sense of concern" about recent reports that Turkey may purchase 40 new Lockheed Martin (LMT.N) F-16s and 80 F-16 modernization kits.</p>

<p>aviationweek.com 25.10.2021</p>	<p>USA: As F-35 Engine Shortage Improves, Pressure Felt In Other USAF Fleets</p>	<p>The U.S. Air Force has started to claw back from an engine shortage in its F-35 fleet that has grounded dozens of the aircraft, as Pratt & Whitney and the service's depot have changed some processes and sped up production.</p>
<p>philstar.com 24.10.2021</p>	<p>PHL: PAF to get 5 new cargo planes C-130J Hercules</p>	<p>The Philippine Air Force (PAF) will get five new C-130J cargo planes to boost its fleet next year for humanitarian and disaster relief operations. The House of Representatives has approved the request of the PAF for additional funding for the acquisition of the new planes as part of modernization program of the Armed Forces of the Philippines (AFP), which is a priority measure of the Duterte administration.</p>
<p>navy.mil 22.10.2021</p>	<p>USN: Navy's Super Hornet Readiness Recognized for Program Leadership Excellence</p>	<p>The esteemed Aviation Week Program Excellence Awards honors excellence in program leadership and this is only the third time in 17 years a program has won the Overall Excellence award. To ensure the Navy's workhorse of the carrier air wing — the Super Hornet — and the Growler remained mission capable, a number of reforms were implemented across key readiness-enabling commands, maintenance and supply depots, and other stakeholders and the Naval Sustainment System – Aviation (NSS-A) model was established in early 2019. Prior to this focused approach, Super Hornet Mission Capable (MC) numbers hovered around 250-260 for nearly a decade and the Navy was tasked with meeting and sustaining MC rates of 80 percent, or 341, by the end of the fiscal year, per a Secretary of Defense mandate. The F/A-18 & EA-18G Program Office (PMA-265) stepped up to lead the readiness recovery, becoming the first to use the NSS - A model. In the course of a year, and ahead of the mandate's deadline, the unparalleled effort resulted in 379 mission capable Super Hornets – exceeding the mandated MC mark and attaining levels of readiness never before seen in the history of the program. That 80 rate has been sustained since and many additional aircraft platforms have followed, leading to improvement across the Naval Aviation Enterprise.</p> <p>“With the increase in readiness numbers, we have increased our lethality and survivability and our ability to respond,” Rear Adm. Shane Gahagan, program executive officer for tactical aircraft programs, said. “Intense collaboration across Naval Aviation and our industry partners, and the buy-in from the Sailors and maintainers was key to our success.”</p>
<p>nellis.af.mil 22.10.2021</p>	<p>USAF: F-15EX undergoes first operational test mission at Nellis AFB</p>	<p>The F-15EX is undergoing its first-ever operational test mission paired with F-15Cs and F-15Es at Nellis Air Force Base Oct. 18-25. “We’ve never done full, large-scale operational tests with the F-15EX, because it’s only been in the U.S. Air Force’s hands for six months,” said Lt. Col. Kenneth Juhl, Air Force Operational Test and Evaluation Center F-15 tester. “The fact that we’re going this fast in operational test is definitely owning up to the Chief of Staff of the Air Force’s accelerate change or lose mentality.” There are currently two F-15EXes in</p>

		existence. The Air Force accepted delivery of them at Eglin Air Force Base, Florida, in March and April 2021. The platform is anticipated to join the F-35, F-16 and A-10 along with a sixth-generation fighter program as part of the four-plus-one concept intended to streamline the fleet.
acc.af.mil 22.10.2021	USAF: Eielson F-35s participate in WSEP, make strides towards first IOC squadron in PACAF	The 356th Fighter Squadron made history as the first F-35A Lightning II unit in the Pacific Air Forces to participate in an air-to-air weapons evaluation here, Oct. 8-23, 2021. Successful completion of Weapon System Evaluation Program East 22.01 marks another milestone for the 356th FS, as they take a crucial step towards becoming the first Initial Operational Capability F-35A squadron in PACAF. Nine live missiles were fired during the exercise, all by first-time shooters to include the AIM-120 Advanced Medium Range Air-to-Air Missile along with the AIM-9X Sidewinder. Additionally, pilots had the opportunity to shoot the F-35A's 25mm cannon for the first time against a QF-16-towed Aerial Target Gunnery System.
defbrief.com 22.10.2021	USN: US Navy issues RFI for up to 64 new adversary air training jets	The US Navy has released a source sought notice for a new "tactical surrogate aircraft" that will be expected to perform a multitude of missions. The navy issued the RFI just days after the US Air Force released a similar call for a considerable quantity of "advanced tactical trainers," despite the lined up purchase of over 300 T-7A Red Hawks as part of its T-X program. The navy requirements outlined in the RFI from October 20 also partially align with the service's Undergraduate Jet Training System (UJTS) project aimed at finding a successor for the T-45C Goshawk advanced jet trainer. As specified, the tactical surrogate aircraft would support three separate training tasks, including augmenting flight time and training in frontline aircraft, providing adversary air support, and serving as a flight lead aircraft for fleet replacement squadrons. Around 64 aircraft of the type are expected to be purchased, with the program tentatively set for a start in fiscal year 24 or 25.
aviationweek.com 21.10.2021	NOR: Norway To Be Fully Reliant On F-35 In 2022	Norway is set to become the first operator of the F-35 to be entirely reliant on the fifth-generation combat aircraft when it phases out the F-16 by year's end. The country's air force is currently in transition, flying both the F-16 and F-35 as it builds up its F-35 fleet.
		Hubschrauber und Kipprotor-Flugzeuge
economictimes. indiatimes.com	IND:	The formal approvals for the purchase of 12 Light Utility Helicopters (LUH) from Hindustan Aeronautics Limited have come through, with the first choppers set to be delivered before August next year, as part of the

03.11.2021	The defence ministry has given approvals to procure indigenous choppers	celebrations to mark 75 years of independence. While 12 helicopters are to be ordered in the first lot, the expected requirement of the LUH within the services is pegged at 185.
latribune.fr 29.10.2021	FRA: The first H160 helicopters of the gendarmerie finally delivered only in 2024	The first deliveries of H160 helicopters for the gendarmerie are already slipping. Initially expected in 2023, they will finally intervene only in 2024. What for? Because the order, scheduled for this summer, is still pending from Airbus Helicopters. The longer the order is delayed, the more deliveries are delayed. "We are waiting for the first two (H160, editor's note) for the Olympics," announced at the beginning of October to the National Assembly the director general of the gendarmerie, General Christian Rodriguez. The order should be signed by the end of the year at the same time as that of the HIL (Light Joint Helicopter) for the three armies (Land, Air and Navy).
minister.defence.gov.au 28.10.2021	AUS: Army aviation capability bolstered	Army's aviation capability has been enhanced with two Leonardo AW139 helicopters joining the 5th Aviation Regiment in Townsville. The two leased AW139s will be used to support Defence's major exercises and training, and assist with emergency response activities including during the high-risk weather season. The helicopters have similar performance to the MRH90 and will be used to support aircrew development and currency requirements when combat aircraft are not available. The initial contract ends on June 30, 2023, with options for two 12-month extensions.
ejercitodelaire.defensa.gob.es 28.10.2021	ESP: Fourth NH90 arrives at wing 48	Coming from the Airbus Helicopters factory in Albacete, the fourth NH90 Lobo helicopter (HD29-19) has landed at the Cuatro Vientos Air Base, to join the 48th Wing. This fourth helicopter is part of the first delivery of six GSPA STD-2 aircraft, which will continue this month with the arrival of a fifth NH90. This reception brings the unit closer to achieving the initial operational capacity SAR(IOC, Initial Operating Capability) to cover from January 2022 the area of responsibility (SRR) of Madrid. Similarly, the 803 Squadron, where the NH90s are assigned, completed 500 FLIGHT hours of NH90 on September 3 and continues with the transformation of pilots from AS-332 Súper Puma (HD-21) to this new weapon system.
bellflight.com 22.10.2021	BHR: Bell Completes First Bahrain AH-1Z Viper	Bell Textron Inc. celebrated the completion of the first AH-1Z Viper attack helicopter for the Kingdom of Bahrain on Sept. 30. Bell delivered the first of 12 production aircraft to Naval Air Systems Command as part of the 2019 foreign military sales (FMS) contract. The helicopter will be prepared for shipment to Bahrain with the Defense Contract Management Agency (DCMA) before being transported to Bahrain in 2022.

aviationweek.com 21.10.2021	KOR: It's A Two-Helo Race For S. Korea's Heavy-Lift Program	Boeing and Sikorsky are competing for the South Korean Army's Heavy-Lift Utility Helicopter-II program, pitching their CH-47F Chinook and CH-53K King Stallion, respectively. Leonardo's AW101 is not expected to be a candidate as it reportedly did not meet requirements.
		Unbemannte Luftfahrzeuge (UAV) und Robotik
boeing.com 04.11.2021	Boeing Uncrewed Teaming Aircraft Advances Flight Testing	<p>Boeing Australia has expanded its flight-test program of the Boeing Airpower Teaming System, with two aircraft successfully completing separate flight missions at the Woomera Range Complex recently. The first Loyal Wingman aircraft developed with the Royal Australian Air Force (RAAF) demonstrated a range of key characteristics during the test flights to continue to expand the flight envelope. A second aircraft also successfully completed its first flight mission. The flight tests of aircraft one included the first time the landing gear was raised and engaged.</p> <p>The first batch of Loyal Wingman aircraft are serving as the foundation for the Boeing Airpower Teaming System being developed for various global defence customers. The aircraft will fly alongside other platforms, using artificial intelligence to team with existing crewed and uncrewed assets to complement mission capabilities.</p>
ga-asi.com 02.11.2021	USAF: GA-ASI Awarded OBSS Contract from AFRL	General Atomics Aeronautical Systems, Inc. received a \$17.8 million award from the Air Force Research Laboratory (AFRL) to design and develop an unmanned Off-Board Sensing Station (OBSS) aircraft. AFRL is developing an open architecture concept Autonomous Collaborative Platform (ACP) to achieve its goals of rapid time-to-market and low acquisition cost, while extending and enhancing the sensing volume of manned platforms. The award covers the next 12 months as the base effort, and if the option is exercised, GA-ASI will spend the following 15 months manufacturing and flight demonstrating the aircraft with the award potentially growing to a total of \$49 million.
airforcemag.com 26.10.2021	USAF: Kratos, General Atomics Get Contracts for 'Off- Board Sensing Station'	The Air Force Research Laboratory awarded Kratos Unmanned Aerial Systems Inc. and General Atomics Aeronautical Systems matching \$17.7 million contracts for an "Off-Board Sensing Station," which is an unmanned aircraft that would extend a manned fighter's sensing range and also potentially carry additional weapons for that aircraft. The cost-plus-fixed-fee contracts would be completed by the end of January 2024.

	Unmanned Fighter Escort	The concept is part of AFRL's ongoing manned-unmanned teaming prototyping efforts and presumably explores using escort aircraft to augment the capacity and capability of manned fighters.
dailysabah.com 22.10.2021	KGZ: Kyrgyzstan becomes latest buyer of Turkish combat drones	Kyrgyzstan is becoming the latest buyer of renowned Turkish combat drones in an effort to rev up its defense industry capabilities, a senior official announced late Thursday. They placed an order to buy Turkish drone magnate Baykar-made Bayraktar TB2 unmanned combat aerial vehicles (UCAVs). The Central Asian nation will be taking the delivery of the drones soon, Tashiev, the deputy prime minister of Kyrgyzstan told reporters.
leonardocompany.com 22.10.2021	Leonardo's AWHero achieves world's first military certification for a Rotary UAS in its category	Leonardo's leading-edge AWHero RUAS (Rotary Uncrewed Aerial System) has received basic military certification from Italy's DAAA (Direzione degli Armamenti Aeronautici e per l'Aeronavigabilità), the Directorate for Air Armaments and Airworthiness. This achievement marks the world's first military certification for a RUAS in the 200kg class. Since 2019, the platform has been conducting maritime surveillance capability demonstrations on ships within the framework of the OCEAN2020 initiative, the European Defence Fund strategic research programme for naval surveillance technology and maritime safety.
ga-asi.com 20.10.20	USMC: USMC Acquires 2 MQ-9A Reapers	General Atomics Aeronautical Systems, Inc. completed the transfer of two MQ-9A Reaper Block 5 Unmanned Aircraft Systems (UAS) to the U.S. Marine Corps on October 15, 2021. The two aircraft have been operated by the USMC since 2018 under a Company Owned/Company Operated (COCO) lease agreement in support of an Urgent Operational Need. The Reapers represent the first increment of the Marine Air-Ground Task Force (MAGTF) Unmanned Aircraft System (UAS) Expeditionary (MUX) Program of Record (POR). The transfer of aircraft includes two Ground Control Stations and associated support equipment. The MUX POR will include an additional 16 new MQ-9As, which the Marine Corps will begin procuring in 2022 to support an Early Operational Capability in 2023 and Initial Operating Capability in the U.S. Indo-Pacific Command (INDOPACOM) by 2025. With unmatched operational flexibility, MQ-9A Block 5 has endurance of over 26 hours, speeds of 220 KTAS and can operate up to 45,000 feet. It has a 3,850-pound (1,746 kilogram) payload capacity that includes 3,000 pounds (1,361 kilograms) of external stores. It provides a long-endurance, persistent surveillance capability with Full-Motion Video and Synthetic Aperture Radar.
pacom.mil 20.10.2021	USAF: MQ-4C Tritons Complete First Deployment to Japan	Two MQ-4C Triton unmanned aircraft systems returned to Andersen Air Force Base, Guam, following a deployment to NAF Misawa. The deployment of VUP-19 and their two MQ-4C Triton to Japan helped to develop the concept of operations, including expeditionary basing, and fleet learning associated with high-altitude, long-endurance systems operations in the maritime domain. The two MQ-4C Tritons will continue to

		operate from their forward deployed location at Andersen Air Force Base to provide maritime surveillance and persistent intelligence, surveillance and reconnaissance capabilities to the U.S. 7th Fleet in support of U.S. interests and regional allies. The MQ-4C Triton's persistence and capabilities complement the Navy's P-8A Poseidon multi-mission maritime patrol and reconnaissance aircraft and are integral to the Navy's Maritime Strategy.
		Bewaffnung und weitere Nutzlasten
dsca.mil 04.11.2021	SAU: AIM-120C	The Kingdom of Saudi Arabia has requested to buy two hundred eighty (280) AIM-120C-7/C-8 Advanced Medium Range Air-to-Air Missiles (AMRAAM) and five hundred ninety-six (596) LAU-128 Missile Rail Launchers (MRL). Also included are containers; weapon support and support equipment; spare and repair parts; U.S. Government and contractor engineering, technical and logistical support services; and other related elements of logistical and program support. The total estimated cost is \$650 million. The proposed sale will improve Saudi Arabia's capability to meet current and future threats by increasing its stocks of medium-range missiles for its fighter aircraft fleet for its national defense. This potential sale will support Saudi Arabia's Eurofighter Typhoon, F-15C/D, F-15S, and F-15SA programs and will further strengthen the interoperability between the United States and Saudi Arabia. Saudi Arabia will have no difficulty absorbing these missiles into its armed forces.
pib.gov.in 03.11.2021	IND: DRDO & Indian Air Force carry out successful flight tests of indigenously-developed smart anti-airfield weapon	Two flight tests of indigenously-developed smart anti-airfield weapon have been carried out jointly by Defence Research & Development Organisation (DRDO) and Indian Air Force (IAF). The two different configurations based on satellite navigation and electro optical sensors have been successfully tested. Electro optical seeker based flight test of this class of bomb has been conducted for the first time in the country. The electro optic sensor has been developed indigenously. The weapon was launched by an IAF aircraft from Chandan ranges at Jaisalmer, Rajasthan on October 28, 2021 and November 03, 2021. Electro optical configuration of the system is equipped with Imaging Infra-Red (IIR) Seeker technology enhancing the precision strike capability of the weapon. In both the tests, the intended target was hit with high accuracy. The system is designed for a maximum range 100 kilometres. The newly adapted launcher ensured smooth release and ejection of the weapon. Advanced guidance and navigation algorithms, software

		<p>performed as per the mission requirements. The telemetry and tracking systems captured all mission events throughout the flight. All the mission objectives were achieved.</p> <p>Smart anti airfield weapon has been designed and developed by Research Centre Imarat (RCI) in coordination with other DRDO Laboratories and extensive support from IAF. Quality and design certification agencies have contributed significantly in its development and Hindustan Aeronautics Limited (HAL), Bengaluru has carried out weapon integration with the aircraft.</p>
<p>news.lockheedmartin.com 02.11.2021</p>	<p>Lockheed Martin, Rafael Partner To Develop SPICE-250 Weapon System For US Military</p>	<p>Lockheed Martin and Rafael Advanced Defense Systems Ltd., of Israel, signed an expanded teaming agreement, allowing the team to jointly develop, market, manufacture and support Rafael's Smart, Precise Impact and Cost-Effective (SPICE™) 250 weapon system for sale in the United States and in Poland. This agreement marks the first time SPICE 250 is available for sale to the U.S. military. The addition of SPICE 250 builds on a 2019 teaming agreement, where Lockheed Martin and Rafael agreed to jointly market SPICE 1000 and SPICE 2000 guidance kits for U.S. sale.</p> <p>SPICE is a family of stand-off, autonomous, air-to-surface weapon systems that provide affordable precision in a GPS-denied environment. The combat-proven SPICE family of products includes two guidance kits, SPICE 1000 and SPICE 2000, as well as an all-up round, known as SPICE 250. In use since 2003, SPICE is combat-proven and in service with the Israeli Air Force and several other nations worldwide. It enables maximum loadout on F-16's and F-15's, reduces pilot workload, and provides multiple strike capability against multiple target types. GPS is not required to operate any of the products within the SPICE family, allowing for operations in a variety of locations and adverse environments</p>
<p>pib.gov.in 29.10.2021</p>	<p>IND: DRDO & IAF jointly flight test Long-Range Bomb successfully</p>	<p>Defence Research and Development Organisation (DRDO) and Indian Air Force (IAF) team jointly flight tested indigenously developed Long-Range Bomb (LRB) successfully from an aerial platform on October 29, 2021. The LR Bomb, after release from the IAF fighter aircraft, guided to a land-based target at a long range with accuracy within specified limits. All the mission objectives were successfully met. The flight of the bomb and the performance was monitored by a number of range sensors including Electro Optical Tracking System (EOTS), Telemetry and radar deployed by the Integrated Test Range, Chandipur in Odisha. The LR Bomb has been designed and developed by Research Centre Imarat (RCI), a DRDO laboratory located at Hyderabad in coordination with other DRDO laboratories.</p>
<p>defense.gov 29.10.2021</p>	<p>USN: AIM-9X</p>	<p>Raytheon Missile and Defense is awarded a \$37,341,149 cost-plus-fixed-fee modification (P00007) to a previously awarded contract (N0001920C0071). This modification adds scope to procure Operation Flight</p>

		Software Version 9.5 and to provide support for various hardware and software risk reduction efforts in support of the AIM-9X system improvement program for the Navy and the Air Force. Work is expected to be completed in December 2023.
ukdefencejournal.org.uk 22.10.2021	GBR: ASRAAM Block 6 to enter service on F-35 and Typhoon by 2024	John Healey, MP for Wentworth and Dearne, asked via a written question: "To ask the Secretary of State for Defence, whether the ASRAAM Sustainment programme has entered service on the (a) Typhoons and (b) F-35 IIs." Jeremy Quin, Minister for Defence Procurement, responded: "The ASRAAM sustainment programme continues to be delivered within Complex Weapons Portfolio contract price. On current plans, the resultant ASRAAM Block 6 standard is due to enter service on Typhoon in 2022 and F-35 Lightning II in 2024." <i>(Technische Informationen ASRAAM abrufbar unter: https://www.mbda-systems.com/product/asraam/)</i>
economictimes.indiatimes.com 22.10.2021	IND: Defence ministry pact with US to procure MK 54 torpedo for P-8 Poseidon	The defence ministry has signed a contract with the US government to procure MK 54 torpedo and expendables such as chaff and flares for the Indian Navy's anti-submarine warfare aircraft P-8I at a cost of Rs 423 crore, its spokesperson said on Friday. The Indian Navy has a total of 11 P-8I aircraft.
		Air Power
reuters.com 03.11.2021 01:43 AM CET	SYR/ISR: Israel launches missile attack targeting area on outskirts of Damascus - Syrian state TV	Israel launched an aerial attack with a number of missiles targeting an area on the outskirts of the Syrian capital of Damascus, Syrian state TV said early on Wednesday citing a military source. It added the attack resulted in some material damage. <i>(Ergänzende Information timesofisrael.com vom 03.11.2021 03:38 AM: The report said Syrian air defenses responded to the missiles that were launched from over northern Israel. Syrian media reported that the strike was carried out with surface-to-surface missiles fired from northern Israel, similar to an alleged Israeli attack conducted earlier this week.)</i>

		<p><i>(Ergänzende Information haaret.com vom 03.11.2021 08:42 AM: A Syrian military statement carried on state media said the aerial attack early Wednesday came from northern Israel and targeted a military post in the town of Zakia, in the western Damascus countryside. It offered no further details.)</i></p> <p><i>(Ergänzende Information tass.com vom 03.11.2021: At about 02:00 a.m. on November 3, two F-16 tactical fighter jets of the Israeli Air Force delivered a missile strike from the area of the Golan Heights, outside Syria's airspace, at logistics support facilities of the Syrian government forces near the settlement of al-Qiswa in the Damascus governorate. The strike incurred insignificant material damage. No losses among Syrian servicemen were reported.)</i></p>
taiwannews.com.tw 03.11.2021 09:17	TWN/CHN: Chinese electronic warfare plane enters Taiwan's ADIZ	A Chinese military turboprop entered Taiwan's air defense identification zone (ADIZ) on Tuesday, marking the second intrusion this month. A People's Liberation Army (PLA) Shaanxi Y-8 electronic warfare plane flew into the southwest corner of the ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, issued radio warnings, and deployed missile systems to track it. So far this year, China has sent 714 military aircraft into Taiwan's identification zone. Since September of last year, China has increased its use of gray zone tactics by routinely sending aircraft into the ADIZ, with most occurrences taking place in the southwest corner of the zone.
news.err.ee 02.11.2021	EST: Finland investigating alleged aerial incursion by Estonian jet	Finnish authorities have opened a preliminary investigation after a suspected airspace incursion involving an Estonian air force (Õhuvägi) trainer jet over the island of Utö Monday. Estonia's defense forces say the incident was the result of human error during a joint exercise with allied personnel, and would be the subject of investigation. Niina Hyrsky, head of communications at Finland's Ministry of Defense, said the alleged incident involved an Aero L-39 Albatros trainer jet. The alleged incursion lasted about two minutes and went around 5km deep into Finnish airspace, over Utö, a small island in the Archipelago Sea between Finland and Sweden.
taiwannews.com.tw 01.11.2021 21:08	TWN/CHN: Six Chinese military planes enter Taiwan's ADIZ	Four Chinese military planes entered Taiwan's air defense identification zone (ADIZ) on Monday (Nov. 1), with one reaching as far as the southeastern side. One People's Liberation Army (PLA) Shaanxi Y-8 anti-submarine warfare plane, one Shaanxi Y-8 electronic warfare aircraft, and four Chengdu J-10 fighter jets flew into the southwestern corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). The Shaanxi Y-8 anti-submarine warfare plane flew directly south of Taiwan's main island and breached the southeastern corner of the ADIZ as well.
stripes.com 31.10.2021	USAF: American B-1B bomber flies over Mideast amid Iran tensions	The U.S. Air Force said Sunday it flew a B-1B strategic bomber over key maritime chokepoints in the Mideast with allies including Israel amid ongoing tensions with Iran as its nuclear deal with world powers remains in tatters. The B-1B Lancer bomber flew Saturday over the Strait of Hormuz, the narrow mouth of the Persian Gulf through which 20% of all oil traded passes. It also flew over the Red Sea, its narrow Bab el-Mandeb Strait

		and Egypt's Suez Canal. The Strait of Hormuz has been the scene of attacks on shipping blamed on Iran in recent years, while the Red Sea has seen similar assaults amid an ongoing shadow war between Tehran and Israel. The Islamic Republic has denied being involved in the attacks, though it has promised to take revenge on Israel for a series of attacks targeting its nuclear program. Fighter jets from Bahrain, Egypt, Israel and Saudi Arabia flew alongside the bomber.
english.alarabiya.net 31.10.2021 06:18 PM GST	SAU/HOUTHIS: Arab coalition says 218 Houthis killed around Yemen's Marib	<p>The Arab coalition backing the government in Yemen said on Sunday that more than 218 Houthis were killed in air strikes around the strategic city of Marib. The Iran-backed Houthis rarely comment on losses, and AFP could not independently verify the toll. "Twenty-four military vehicles were destroyed and more than 218" insurgents were killed in strikes in the past 72 hours in al-Jawba, about 50 kilometers (30 miles) south of Marib, and al-Kassara, 30 kilometers northwest, the coalition said, according to the official Saudi Press Agency which has since October 11 issued near-daily reports of bombing around the government's last stronghold in northern Yemen.</p> <p><i>(Ergänzende Information english.alarabiya.net vom 29.10.2021 12:55 PM GST: A Houthi ballistic missile hit the house of Sheikh Abdul Latif al-Qibli in Al-Jawba on Thursday evening during a meeting with tribal leaders fighting on the government's side," a government military official said. "Thirteen people, including a child, were killed. The death toll was confirmed by a medical source in the area. Marib, capital of the oil-rich province of the same name, is the internationally recognized government's last bastion in northern Yemen. The Iran-backed Houthis began a major push to seize the city in February and, after a lull, they have renewed their offensive in recent weeks.)</i></p>
jpost.com 30.10.2021 21:20	ISR/SYR: Israeli airstrikes near Damascus target Hezbollah sites - Syrian reports	<p>Israel allegedly carried out a rare daytime airstrike against Hezbollah weapon caches in Damascus on Saturday, Syrian media reported. The airstrike, which caused explosions around the capital, killed at least one Syrian Armed Forces soldier and wounded three others, Syrian state-run SANA news agency stated. The sites reportedly contained several ammunition depots belonging to Hezbollah and other Iran-affiliated militias, reports state. The military site of a Syrian Armed Forces division was also reportedly targeted in the airstrikes. The news comes amid increasing Israeli military activity targeting Iranian proxies in Syria.</p> <p><i>(Ergänzende Information israelradar.com vom 30.10.2021: The unusual daytime attack was carried out with surface-to-surface missiles, Syrian reports claimed in another unexpected twist. Earlier, northern Israel residents reported Air Force activity in the area. There was no comment from the IDF. Launching the assault midday Saturday suggests that the strike force hit high-value assets and that a rapid response was critical, some Israeli journalists speculated. Normally, the IDF would wait for a more convenient time and attack at night as in previous cases. The targets of the strike included missiles and launch pads aimed at Israel, according to unconfirmed reports. Notably, a senior IDF officer previously revealed that Iranian high-precision missiles are already deployed in Syria.)</i></p>

		<p><i>(Ergänzende Information timesofisrael.com vom 30.10.2021: The Syrian state media outlet SANA said the strikes were carried out using surface-to-surface missiles fired from northern Israel and that explosions were heard in the countryside surrounding the Syrian capital. Strikes were reported in the areas of al-Dimas, Qudsaya and al-Mezzah military air base — all located west of Damascus. Although not unheard of, daytime strikes on Syrian targets are relatively rare. The targets of the strike were all located in areas known to host Syrian air defenses as well as arms warehouses. Israeli officials have expressed increasing concern over the proliferation of Iranian-made surface-to-air missile systems in Syria, as well as the Syrian military's improved air defense capabilities, which have made it more difficult for the IDF to operate over Syria.)</i></p> <p><i>(Ergänzende Information jpost.com vom 30.10.2021: Meanwhile on Saturday, an IAF F-15 fighter jet escorted an American B-1 heavy bomber that crossed over Israeli airspace on its way to the Persian Gulf. The flight of the bomber, commonly called the "bone," was part of the joint strategic cooperation with US forces in the Middle East. In March, a United States Air Force B-52H "Stratofortress" bomber flew over the Persian Gulf before the plane was spotted in Israel heading back to its US base. The flyover could be construed as a message to Iran, as US President Joe Biden is undertaking attempts to bring the Islamic Republic back to the negotiating table as it continues its advancement towards nuclear capabilities.) The U.S. Air Force said Sunday it flew a B-1B strategic bomber over key maritime chokepoints in the Mideast with allies including Israel amid ongoing tensions with Iran as its nuclear deal with world powers remains in tatters.)</i></p> <p><i>(Ergänzende Information @ELINTNews vom 30.10.2021: It seems this mornings strike on Syria may have been by surface-surface missiles according to the Syrians, if so likely either EXTRA guided artillery rocket or more likely battery of LORA short-range ballistic missiles from Golan Heights/northern Israel (Galilee))</i></p> <p><i>(Ergänzende Information ynetnews.com vom 31.10.2021: The strike attributed to Israel on Saturday, against targets in Syria, occurred during daylight hours near the town of Al-Dimass, 20 kilometers west of the Syrian capital and the same distance from the Lebanese border, on the Damascus – Beirut highway. According to the UK based Observatory for Human Rights, the Syrian military and the Lebanese based Hezbollah terror group have depots there, housing advanced weapons meant for the Iran backed terror group. This mountainous road is the rout by which most Iranian weapons brought into Syria, are transported by trucks, across the border, in order to built up Hezbollah's military capabilities. The use of the relatively shortrange surface to surface missiles could be an attempt to avoid the Syrian air defenses positioned around Damascus, so as not to embarrass the Russians who provided them to the Damascus regime.)</i></p>
<p>taiwannews.com 29.10.2021 09:25</p>	<p>Two Chinese military spotter planes enter Taiwan's ADIZ</p>	<p>Two Chinese military turboprops entered Taiwan's air defense identification zone (ADIZ) on Thursday (Oct. 28), marking the 18th intrusion this month. A People's Liberation Army (PLA) Shaanxi Y-8 reconnaissance plane and Y-8 anti-submarine warfare plane both entered the southwestern corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, issued radio warnings, and deployed air defense missile systems to monitor the aircraft.</p>

<p>taiwannews.com 28.10.2021 09:25</p>	<p>TWN/CHN: 3 Chinese military planes intrude into Taiwan's ADIZ</p>	<p>Three Chinese military planes entered Taiwan's air defense identification zone (ADIZ) on Wednesday (Oct. 27), marking the 17th intrusion this month. Two People's Liberation Army (PLA) Shenyang J-11 fighters and one Shaanxi Y-8 anti-submarine warfare plane flew into the southwestern corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft in addition to broadcasting radio warnings and deploying air defense missile systems to monitor the PLA planes.</p> <p><i>(Ergänzende Information taiwannews.com vom 27.10.2021: Taiwan has so far registered 680 incursions into its air defense identification zone (ADIZ) this year, the Ministry of National Defense said Wednesday (Oct. 27). The ADIZ incursions, which include 149 that took place during a four-day period at the start of October, are aimed to strengthen the coordination capabilities of the Chinese Navy and Air Force, wear down Taiwan's air defenses, and affect public morale, the military said.)</i></p>
<p>thebarentsobserver.com 27.10.2021</p>	<p>NOR/RUS: Lavrov's call for security consultations with Norway was followed by strategic bombers</p>	<p>The military flights less than a day after Russian Foreign Minister Sergey Lavrov visited Norway is a reminder that the high north is no exception from current international tensions and military buildup.</p> <p>Two Tu-160 cruise missile carriers conducted an eight hours flight over the Barents- and Norwegian Seas on Wednesday, Russian Defense Ministry reports. The strategic bombers were escorted by Northern Fleet MiG-31 fighter jets from the Kola Peninsula for part of the flight, a video posted by the Ministry's TV Zvezda shows. The two F-16s following the Russian military planes outside Norwegian air space are part of NATO's Quick Reaction Alert (QRA) scrambled from Bodø airbase. Also, Norway scrambled two of its new F-35 fighter jets from Evenes airbase inside the Arctic Circle. "A good practice for the two F-35s, temporarily stationed at Evenes, that are preparing to take over the Quick Reaction Alert in January next year," the Norwegian Air Force said in a comment to the busy military aviation day. The fleet of F-16s at Bodø will end the QRA mission when the F-35s are fully operational. A Norwegian P-3 Orion maritime surveillance aircraft from Andøya airbase took part in the monitoring of the Russian military aviation activity, the Norwegian Defence informs.</p> <p>Additional to the pair of Tu-160, a Russian Beriev A-50 was observed by the Norwegian fighter jets. The plane is an airborne early warning and control aircraft, easy to recognize by its large surveillance radar and its antenna.</p> <p>Also on Wednesday, a U.S. air force RC-135 reconnaissance aircraft was flying back and forth outside Russian air space near the Kola Peninsula during the four-five hours period with good daylight. Onboard is equipment to intercept, record and analyze radio communication, dissect dislocations, composition, operating modes and characteristics of radio-electronic command and control facilities of enemy aviation. The RC-135 V aircraft numbered 64-14842 came from Mildenhall Air Force Base in the United Kingdom. Before flying east over the</p>

		Barents Sea, the American plane made an in-air refueling from a KC-135 Stratotanker northwest of Hammerfest, Europe's northernmost mainland.
terrorism-info.org.il 27.10.2021	Spotlight on Global Jihad October 21-27, 2021	The Syrian arena: Exchanges of artillery fire continued between the Syrian army and the forces supporting it, and the rebel forces in the rebel enclave in Idlib. This week, Russian fighter jets carried out several airstrikes against rebel targets in the western and southern regions of the enclave (Syrian Observatory for Human Rights, October 24, 2021). The desert region (Al-Badia): During the week, Russian fighter jets continued to carry airstrikes against ISIS targets in the desert region (Syrian Observatory for Human Rights, October 19-26, 2021).
timesofisrael.com 26.10.2021	ISR: Eyeing drone threat from Iran, Israel working to boost radars, air defenses	<p>The Israel Defense Forces is working to significantly boost its air defenses, particularly in northern Israel, in light of the growing threat of Iranian-made and Iranian-designed drones that have flooded into the Middle East in recent years, The Times of Israel has learned.</p> <p>In addition to the threats that Israel's air defenses have faced in the past — rocket and missile fire, enemy aircraft — the IDF is now increasingly forced to contend with large and small unmanned aerial vehicles. Once the domain of nation-states, drone technology has become increasingly available to terrorist groups. Countering drone attacks is particularly difficult as the UAVs are more difficult to detect than comparatively larger manned aircraft, and fly at lower altitudes and with less predictable flight patterns than rockets.</p> <p>To improve the military's ability to detect drones, the IAF is procuring additional radar arrays to be installed in northern Israel. Israel has also made a number of improvements to the short-range Iron Dome missile defense system to allow it to shoot down drones as well, an innovation that was first put to the test during May's conflict between the IDF and terror groups in the Gaza Strip, when the Iron Dome intercepted its first drone. Work is also underway to provide similar capabilities to the medium-range David's Sling air defense system.</p>
taiwannews.com.tw 26.10.2021 21:59	TWN/CHN: Chinese WZ-10 attack helicopter penetrates Taiwan's ADIZ	On Tuesday (Oct. 26), the Ministry of National Defense (MND) reported that five fixed-wing military aircraft had trespassed on the southwest corner of Taiwan's ADIZ, including one Shaanxi Y-8 C3, one Y-8 electronic warfare plane (Y-8 EW), one Y-8 tactical reconnaissance aircraft (Y-8 RECCE), and two Shenyang J-16 fighter jets. The MND also reported the rare sighting of two helicopters — one Mi-17 cargo helicopter and one WZ-10 attack helicopter — inside the defense zone. What is notable about Tuesday's flights is that they appear to be the first time the MND has announced an ADIZ incursion by the Y-8C3 model of the Shaanxi Y-8 series, the Mi-17 cargo helicopter, and the WZ-10 attack helicopter. Taiwan's Air Force responded by sending combat air patrol (CAP), broadcasting radio warnings, and tracking them with land-based anti-aircraft missiles.

<p>usafe.af.mil 26.10.2021</p>	<p>USAFE: Bomber Task Force Europe: Bombers support Baltic Sea freedom of navigation</p>	<p>The 9th Expeditionary Bomb Squadron's B-1B Lancers joined Allied aircraft in the Baltic Sea region this weekend to execute a freedom of maneuver training mission. The B-1s were joined by Polish fighters, which enable a total force integration with -U.S. Naval Forces Europe-Africa and Special Operations Command Europe. NATO and coalition operations in the Baltics deter aggression and enable stability along the major sea and air routes. Additionally, Allied Joint Terminal Attack Controllers in Estonia coordinated air support with strategic bomber crews by identifying training targets. Bomber Task Force 22-1's B-1s provide a speed, payload configuration, and maneuverability that allow for seamless integration with mixed force packages on land and in the sea.</p>
<p>timesofisrael.com 26.10.2021</p>	<p>USA: US officials say Iran behind recent drone attack on American base in Syria</p>	<p>US officials say they believe Iran was behind the drone attack last week at the military outpost in southern Syria where American troops are based. Officials said Monday the US believes that Iran resourced and encouraged the attack, but that the drones were not launched from Iran. They were Iranian drones, and Iran appears to have facilitated their use, officials said, speaking on condition of anonymity to discuss details that have not been made public. Officials said they believe the attacks involved as many as five drones laden with explosive charges, and that they hit both the US side of al-Tanf garrison and the side where Syrian opposition forces stay. There were no reported injuries or deaths as a result of the attack.</p> <p>US and coalition troops are based at al-Tanf to train Syrian forces on patrols to counter Islamic State militants. The base is also located on a road serving as a vital link for Iranian-backed forces from Tehran all the way to southern Lebanon and Israel.</p> <p><i>(Ergänzende Information foxnews.com vom 25.01.2021: The U.S. military was tipped off prior to an Iran-backed drone attack on a base in Syria housing American forces. Roughly 200 U.S. troops were evacuated by C-130 transport planes prior to the attack last week, while about two dozen remained at the small base, one military official told Fox News. While it was not clear what type of intelligence led to the tip, multiple officials say it saved lives.)</i></p>
<p>taiwannews.com.tw 26.10.2021</p>	<p>TWN/CHN: Chinese electronic warfare plane enters Taiwan's ADIZ</p>	<p>A Chinese military turboprop flew into Taiwan's air defense identification zone (ADIZ) on Monday (Oct. 25) during the daytime, marking the 15th intrusion this month. A People's Liberation Army (PLA) Shaanxi Y-8 electronic warfare plane entered the southwest corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, issued radio warnings, and deployed missile systems to monitor the PLA plane.</p>
<p>jpost.com 25.10.2021 12:15</p>	<p>SYR/ISR: Israeli aircraft attacks military targets in Quneitra, Syria</p>	<p>An Israeli aircraft attacked military targets in the Quneitra governate in Syria on Monday morning, according to Syrian media. According to the Syrian Observatory for Human Rights, Israeli forces struck at targets belonging to Syria's ruling regime of Bashar Assad and its allies. Among these targets were reportedly missile batteries near al-Ba'ath and al-Krum. Reports claim that property was damaged and that there are "significant</p>

		<p>losses," though no casualties have been reported. Sources in the Syrian opposition on Monday morning reported that the IDF had distributed leaflets warning of the Syrian army's ongoing cooperation with the Iran-backed terrorist group Hezbollah.</p> <p><i>(Ergänzende Information timesofisrael.com vom 25.10.2021 06:21: Israeli helicopters hit three targets in Syria near the border in the early hours of Monday, Syrian media reported. According to the reports, the missiles struck targets connected to the Hezbollah terror group on the outskirts of the town of al-Baath as well as other locations in southern Syria. The three sites were all reportedly connected to Hezbollah's so-called Golan File, its efforts to establish a front along the Golan border from which it can carry out attacks against Israel. According to Syrian media, two of the sites were observation posts used by the Lebanese terror group, while the third target was a site just next to a Syrian military facility that Israel has long claimed was working with Hezbollah, the offices of Cpt. Bashar al-Hussein, commander of a reconnaissance company in the Syrian army's 90th Brigade.)</i></p> <p><i>(Ergänzende Information jpost.com vom 25.10.2021 21:32: Over the past year, while Israeli strikes have intensified in Syria, the response time by Syrian air-defense batteries has become quicker. This has led to the IAF changing how it acts during such operations, including by having larger formation during operations so that more targets can be struck at once instead of having jets return to the same target. In an attempt to challenge Israeli jets, Iran has changed the deployment of its anti-aircraft missile batteries, separating their radars from the missile launchers. Such a move forces more Israeli jets to take part in any possible operation against the country's nuclear program.)</i></p> <p><i>(Ergänzende Information israelradar.com vom 25.10.2021: The Israeli Air Force bombed and destroyed Iranian anti-aircraft batteries in Syria. The operation was ordered after the air defenses fired at IDF jets coming in for a recent strike. The army said that the batteries were manned by Syrian militias, not by Iranian forces. In parallel, the Air Force modified its attack plans and operational methods in Syria to minimize the risk to pilots, N12 News reported. The change came after the Syrian army upgrade its air defense strategy by analyzing IDF maneuvers, the report said. Syrian air defenses were able to improve their reaction time by 20%. Notably, Israeli jets increasingly face heavy anti-aircraft fire when striking targets in Syrian territory. The presence of advanced Iranian air defense systems in Syria is adding a new layer of tension in the region.)</i></p>
taiwannews.com.tw 25.10.2021	TWN/CHN: Chinese military spotter plane enters Taiwan's ADIZ	A Chinese military turboprop flew into Taiwan's air defense identification (ADIZ) zone on Sunday (Oct. 24) during the day, marking the 14th intrusion this month. A People's Liberation Army (PLA) Shaanxi Y-8 anti-submarine warfare plane entered the southwestern corner of Taiwan's ADIZ, according to the Ministry of National Defense (MND). In response, Taiwan sent aircraft, broadcast radio warnings, and deployed missiles systems to track the PLA plane.

<p>theaviationist.com 24.10.2021</p>	<p>SWE/USAF: U.S. MC-130J Lands On Highway In Sweden To Unload HIMARS Artillery System During Special Ops Exercise</p>	<p>A really interesting training mission was carried out on Saturday Oct. 23, 2021, in Sweden, where a U.S. Air Force Special Operations Command MC-130J Commando II aircraft landed on a highway on Gotland, Sweden's largest island, strategically located in the the Baltic Sea. The American Special Operations aircraft arrived over the road segment used for the drills in formation with a Swedish Air Force C-130H (locally designated TP 84) and two Swedish JAS 39 Gripen jets. After the road landing, the MC-130J, belonging to the 67th Special Operation Squadron of the 352d Special Operations Group (352 SOG) from RAF Mildenhall, UK, unloaded an M142 HIMARS (High Mobility Artillery Rocket System). The HIMARS rocket artillery system is a light multiple rocket launcher developed in the late 1990s for the United States Army, mounted on a truck frame and carrying six rockets or one MGM-140 ATACMS missile. The HIMARS system was then loaded onto the Swedish C-130H TP 84.</p> <p><i>(Ergänzende Information defence-blog.com vom 26.10.2021: The U.S. Forces demonstrated the mobility and lethality of the M142 High Mobility Artillery Rocket System during training in Latvia. During the training, an artillery unit successfully loaded personnel and equipment onto an MC-130J aircraft, where it was then transferred to Spilve Airport near Rīga to demonstrate the speed with which a HIMARS long-range precision artillery system could be deployed. According to the official account of the exercise, it only took about 15 minutes to deploy and load the missile artillery system back into the aircraft. The exercise tested the capability of the US Special Operations Forces mobile fire support platform by practically delivering the HIMARS missile system to the MC-130J small aerodrome, immediate runway deployment, simulated shooting and rapid launching of the missile system with maximum readiness to return to the aircraft to go to another place.)</i></p>
<p>reuters.com 24.10.2021</p>	<p>ETH: Ethiopia conducts two air strikes in Tigray</p>	<p>Ethiopia conducted two air strikes in Tigray on Sunday as the government intensifies a nearly week-old campaign of aerial bombardment against the rebellious forces who control most of the region. One strike hit the western Tigray area of Mai Tsebri, targeting a training site of the Tigray People's Liberation Front (TPLF), government spokesperson Legesse Tulu said. The other hit the northern Tigray town of Adwa, targeting a military manufacturing facility controlled by the TPLF, the government said in a statement.</p>
<p>timesofisrael.com 24.10.2021</p>	<p>ISR: Former IDF general: Bombing AP tower in Gaza in May conflict was an 'own goal'</p>	<p>A former Israeli general on Sunday said the Israel Defense Forces' bombing of a tower that housed The Associated Press in the Gaza Strip during May's conflict amounted to an "own goal," causing more damage to Israel's image than it provided operational benefit. "Bringing down the tower with the AP offices was equivalent to a self-inflicted 'public relations terror attack' and an own goal, in our view," said Maj. Gen. (res.) Nitzan Alon, the former head of IDF Operations. Alon, who led the military's investigation into the public relations-related issues connected to the recent conflict, was referring to a May 15 strike on the 12-story Al-Jalaa tower in Gaza City, which sparked immediate criticism from around the world, including from American lawmakers who have long been staunch advocates for Israel. "Not everyone in the IDF believes this, but I am</p>

		convinced that this was a mistake. The operational benefit was not worth the damage that it caused diplomatically and in terms of perception,” he said. Israel claimed the tower was used by Hamas to set up equipment to block GPS signals in order to interfere with the military’s Iron Dome missile defense system, which Israel was using to intercept the rockets, mortar shells, and drones being launched from Gaza.
asia.nikkei.com 23.10.2021	JPN/RUS/CHN: Russia and China fly military helicopters near Japanese island	<p>Military helicopters took off from Chinese and Russian warships sailing near a Japanese island, according to the Ministry of Defense, days after a Sino-Russian naval passage through a chokepoint in Japan's north. The latest incident took place around 4 a.m. Thursday about 50 km to 100 km southwest of Smith Island, part of the Izu archipelago stretching south of Tokyo off Japan's Pacific side. Two helicopters flew from frigates operated by China and Russia. Japan scrambled Air Self-Defense Force fighter jets in response. The two helicopters returned to their respective frigates without violating Japanese airspace. Chinese and Russian warships did not enter Japanese territorial waters.</p> <p><i>(Ergänzende Information defence-blog.com vom 22.10.2021: In a release, Japanese military said that the Russian Ka-27 and Chinese Ka-28 anti-submarine warfare helicopters have passed 50-100 kilometers from the Japanese island of Sumisu (Smith Island), while passing through the Tsugaru Strait, and five Chinese and five Russian warships descended to the eastern side of Honshu Island.)</i></p>
en.yna.co.kr 22.10.2021	KOR/PRK: U.S. spy plane dispatched to Korea following S. Korea's rocket launch	A U.S. spy aircraft flew over the Korean Peninsula on Friday, an aviation tracker showed, in what appears to be a sortie to monitor North Korea's military activities following South Korea's launch of a space rocket. The United States Air Force's RC-135W Rivet Joint was spotted flying between the west and east coasts of the peninsula, according to Flightradar24, a real-time flight tracker. The plane flew into South Korean airspace from abroad, an official at the U.S. Forces Korea (USFK) said without providing other details, including its base. The U.S. has no RC-135W Rivet Joint stationed here.
centcom.mil 22.10.2021	centcom.mil U.S. strike in the vicinity of Suluk, Syria, Oct. 22, 2021	A U.S. airstrike today in northwest Syria killed senior al-Qaeda leader Abdul Hamid al-Matar. We have no indications of civilian casualties as a result of the strike, which was conducted using an MQ-9 aircraft. Al-Qaeda continues to present a threat to America and our allies. Al-Qaeda uses Syria as a safe haven to rebuild, coordinate with external affiliates, and plan external operations. Al-Qaeda also uses Syria as a base for threats reaching into Syria, Iraq and beyond. The removal of this al-Qaeda senior leader will disrupt the terrorist organization’s ability to further plot and carry out global attacks threatening U.S. citizens, our partners, and innocent civilians.

<p>ruaviation.com 20.10.2021</p>	<p>RUS/NATO: Russian defense minister said that NATO steps up military aircraft flights near Russian borders by 30%</p>	<p>"The flights by reconnaissance and tactical aircraft of the NATO Air Force in the areas bordering with the Russian Federation have increased by 30%," Russia's defense chief said at a joint board meeting of the Defense Ministries of Russia and Belarus. "Over 30 drills based on the scenario of the armed confrontation with Russia are held near the Union State's western border annually. The countries outside the alliance, such as Georgia, Ukraine, Sweden and Finland are involved in these drills ever more frequently. The territories of the Baltic states and Poland and the waters of the Baltic Sea have been used in these maneuvers more actively," Shoigu said.</p>
		<p>Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance</p>
<p>raf.mod.uk 03.11.2021</p>	<p>GBR : £110m upgrade for RAF Shadow fleet</p>	<p>Awarded to Raytheon UK, the £110 million contract will see the current fleet of six aircraft increased to eight, and the integration of the latest UK Sovereign Defensive Aids Systems, ensuring this vital capability continues to provide battle-winning intelligence gathering for years to come. This investment will enable the Shadow fleet to be increased in size and equipped with the latest technology providing a key capability as part of the RAF's next generation Air Force. It is expected the first upgraded aircraft will be delivered to the RAF in June 2023, with delivery of the eighth Shadow R Mk2 aircraft before the end of 2025.</p> <p><i>(Ergänzende Information about the Shadow R1: Role: Through a combination of sensors, Shadow contributes to the comprehensive intelligence gathering of the RAFs ISTAR Force. Its output is particularly valuable to ground commanders. Capability: The Shadow's high definition electro-optical and electronic sensors complements other platforms and capabilities, helping analysts prepare comprehensive intelligence products. Satellite communications links enable information to be downloaded and off-boarded during a mission and the aircraft is also fitted with a defensive aids suite.)</i></p>
<p>jpost.com 03.11.2021</p>	<p>ISR: Israel to launch massive aerial reconnaissance balloon in the north</p>	<p>As Israel continues to work towards significantly boosting its air defenses, the defense establishment has begun to launch an advanced aerial surveillance balloon in the north of the country to provide additional early warning capabilities against aerial threats. The High Availability Aerostat System (HAAS), developed by the American company TCOM which specializes in aerostat surveillance solutions, is one of the largest in the world and is designed to carry an improved sensing system to provide detection and early warnings of advanced threats. "In several flight test campaigns conducted in recent months, we have demonstrated the outstanding</p>

		<p>capabilities of Israel’s multi-tier missile defense- including against cruise missiles,” said IMDO Director, Moshe Patel. “This aerostat system will cruise at high altitudes and provide an exceptional, multi-directional detection capability against advanced threats.”</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.jpost.com/israel-news/israel-to-launch-massive-aerial-reconnaissance-balloon-in-the-north-683890<i>)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 03.11.2021: The deployment of the radar-based system, set to take place at an unspecified date shortly, comes as part of a general effort by the Israeli Air Force to improve the country’s air defenses, particularly in the north, due to the proliferation of Iranian drones and cruise missiles in the region. The detection system, dubbed “Sky Dew,” is meant to be deployed at high altitudes in order to detect incoming long-range missiles, cruise missiles and drones, the ministry said.)</i></p> <p><i>(Ergänzende Information @Pataramesh vom 03.11.2021: This XL aerostat should be sufficiently large to carry a 4-face, E/LM-2084 based S-Band AESA radar for contentious 360° low-level track-grade surveillance. Enabling low level "over-horizon" engagement of drone and Cruise Missile via Iron Dome)</i></p>
scmp.com 02.11.2021	USA/CHN: US spy planes over South China Sea likely surveyed nuclear fallout of sub collision, observers say	<p>US special-purpose aircraft the Constant Phoenix may have been in the South China Sea region to examine radioactive material, military experts said, after a Beijing-based think tank cited satellite images to report five American reconnaissance planes operating in the area at the weekend. This comes a month after a US Navy nuclear submarine hit an unidentified object while submerged in international waters in the South China Sea, prompting China to express serious concerns about a “nuclear leak”. A recent satellite image showed the sub had part of its nose removed, suggesting it may have sustained damage in a head-on collision. The primary mission for the Boeing WC-135 Constant Phoenix, nicknamed “nuke sniffer”, is collecting atmospheric samples to detect and identify radioactive debris from nuclear explosions.</p> <p>The Constant Phoenix was accompanied by a E-8C Joint Surveillance Target Attack Radar System aircraft, two P-8A maritime patrol planes, and one EP-3E electronic warfare and reconnaissance aircraft, according to satellite images released by the think tank.</p>
defense.gov 01.11.2021	USAF/KOR : Tasking, collection, processing, exploitation and dissemination of	<p>Space Dynamics Laboratory and Republic of Korea, has been awarded a \$28,952,142 contract for the support and sustainment of the tasking, collection, processing, exploitation and dissemination of data for the Republic of Korea Global Hawk. Work will be performed at Osan Air Base, Republic of Korea, and is expected to be completed by Nov. 30, 2024.</p>

	data for the Republic of Korea Global Hawk	
thedrive.com 01.11.2021	USAF : Secret RQ-180 Stealth Drone Spotted Over Area 51	<p>A year after the apparent first sighting of what is very likely to be the Air Force's so-called 'RQ-180' very stealthy flying-wing surveillance aircraft above the Mojave Desert, what looks like the very same aircraft has now been photographed over Area 51, the clandestine flight test center deep within the Nevada Test and Training Range. While we still don't know for absolute certain the details surrounding this craft, or even its official designation, the latest appearance follows a previous sighting over the Philippines in September that The War Zone was first to report and suggests perhaps that the secret drone is now edging toward a more operational, and possibly even less clandestine, status.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.thedrive.com/the-war-zone/42949/secret-rq-180-stealth-drone-photographed-over-area-51<i>)</i></p>
defbrief.com 01.11.2021	KOR : South Korea picks KAI to deliver 2nd-gen Baekdu ISR aircraft to ROKAF	<p>Korea Aerospace Industries (KAI) announced Monday it was selected as the preferred bidder for the delivery of the second generation of Baekdu intelligence, surveillance, and reconnaissance (ISR) systems. The new ISR fleet is poised to replace the six Hawker 800SIG Peace Pioneer aircraft from the 1990s.</p> <p>KAI was also the prime contractor on the first stage of the Baekdu project that saw the company deliver two ISR aircraft for the Republic of Korea Air Force (RoKAF) based on the Dassault Falcon 2000S airframes. The first two Baekdu ISR airframes were delivered between 2011 and 2018, while up to four more units are expected to be delivered between 2022 and 2026. According to a DAPA call for proposals from earlier this year, the project is worth an estimated KRW870 billion (USD770 million).</p> <p><i>(Ergänzende Information defbrief.com vom 01.11.2021: KAI is also competing for another ROKAF reconnaissance plane project. It is teamed with Raytheon and Bombardier to offer an Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) solution for the air force. According to available information, the other team competing for the project includes Northrop Grumman LIG Nex1 and Huneed.)</i></p>
janes.com 01.11.2021	CHN : China progressing development of KJ-600 and Y-20B aircraft	<p>Analysis of commercial satellite imagery captured on 2 October indicates that China is advancing the development of both the KJ-600 carrier-capable airborne early warning (AEW) aircraft and a new variant of the Y-20 heavy transport aircraft – known as Y-20B – fitted with Shenyang WS20 high-bypass turbofan engines. The images show a second prototype of each aircraft type at the Xian-Yanliang airfield, which is home to both a Xian Aircraft Corporation (XAC) plant and the China Flight Test Establishment (CFTE).</p>

forsvarsmakten.se 28.10.2021	SWE : Go-ahead for new Globaleye radar reconnaissance plane	The government has now decided that the Swedish Armed Forces may purchase new radar reconnaissance and command aircraft. "Saab's Globaleye has a powerful radar and other sensors that increase our ability to monitor airspace, the sea and the ground," says Johan Svensson, Production Manager at the Swedish Armed Forces. It can send data to units in the Air Force, Army, and Navy.
		Cyber- und Electromagnetic Warfare
ncsc.admin.ch 02.11.2021	Halbjahresbericht 2021/1 (Januar bis Juni)	Der zweite Halbjahresbericht des NCSC befasst sich mit den wichtigsten Cybervorfällen der ersten Jahreshälfte 2021 in der Schweiz und international. Das Schwerpunktthema widmet sich den Schwachstellen bei IT-Systemen, die für Cyberangriffe ausgenutzt werden können. <i>Halbjahresbericht NCSC abrufbar unter:</i> file:///C:/Users/Standard/AppData/Local/Temp/NCSC_2021-1_HJB_DE.pdf
jpost.com 26.10.2021 14:07	IRN: Iran gas stations hit by massive cyberattack	Gas stations across Iran malfunctioned on Tuesday reportedly due to a massive cyberattack, according to a mix of Iranian and Hebrew media sources. With the exact details still hazy, there is already rife speculation about whether the purported cyberattack came from the US, Israel or a range of local Iranian anti-regime groups. According to reports, messages were posted in some systems that were hacked addressing Iran Supreme Leader Ayatollah Ali Khamenei directly and demanding to know "where is the gas" – with the timing coming around two years after nationwide protests of gas shortages in fall 2019. <i>(Vollständiger Artikel abrufbar unter:</i> https://www.jpost.com/breaking-news/iran-gas-stations-hit-by-cyber-attack-report-683141) <i>(Ergänzende Information tasnimnews.com vom 31.10.2021: Head of Civil Defense Organization of Iran Brigadier General Gholam Reza Jalali said the Americans and Zionists were definitely behind the cyberattack that disrupted the fuel distribution system at Iran's gas stations on October 26.)</i>
ga.com 25.10.2021	US ARMY: Laser Weapon System Prototype for U.S. Army	A General Atomics Electromagnetic Systems and Boeing team has been awarded a U.S. Army Rapid Capabilities and Critical Technologies Office (RCCTO) contract to develop a 300kW-class solid state Distributed Gain High Energy Laser Weapon System. Delivery will be a 300 kW-class distributed gain laser with an integrated Boeing

		<p>beam director. The objective of this contract is a demonstration of the design. The high power, compact laser weapon subsystem prototype that GA-EMS will deliver under this contract will produce a lethal output greater than anything fielded to date.</p> <p>The partnership combines both companies' expertise in Directed Energy to deliver best-in-class, combat-ready protection for the warfighter with unmatched speed, performance, safety and affordability. Specifically, the system will leverage GA-EMS' scalable Distributed Gain Laser technology with Boeing's beam director and precision acquisition, tracking and pointing software to provide a complete demonstrator with sophisticated laser and beam control.</p>
defense.gov 25.10.2021	USN: MJU-68/B Flare Infrared Countermeasures	Chemring Australia Pty Ltd. is awarded a \$19,689,472 modification (P00001) to a previously awarded firm-fixed-price contract (N0001921C0081). This modification exercises options for the production and delivery of 9,728 MJU-68/B Flare Infrared Countermeasures, to include 7,256 for the Navy; 1,152 for the Air Force; 528 for the government of Norway; 336 for the government of Japan; 312 for the government of Netherlands; and 144 for the government of Italy in support of the F-35 Lightning II program. Work is expected to be completed in November 2022.
		Boden- und seegestützte Luftverteidigungssysteme
dailysabah.com 03.11.2021	TUR: Turkish officials deny moving S-400 to Incirlik base	<p>Turkish military officials speaking to Daily Sabah have denied late Wednesday a Sky News Arabia report that the S-400 missile defense system was moved to Incirlik Air Base in southern Turkey. Earlier, Sky News Arabia had claimed that "Turkey brought S-400 batteries to Incirlik base used by the United States and NATO forces" in a tweet, citing a U.S. Department of Defense official.</p> <p>Turkey's initial purchase of S-400s from Russia strained ties with the United States. The move prompted Washington to remove Turkey from the new generation F-35 Lightning II jet program. The U.S. had also threatened to impose new sanctions if Turkey buys more major arms systems from Moscow. The U.S. argued that the system could be used by Russia to covertly obtain classified details on the Lockheed Martin F-35 jets and that it is incompatible with NATO systems. Turkey, however, insists that the S-400 would not be integrated into NATO systems and would not pose a threat to the alliance.</p>

<p>tass.com 02.11.2021</p>	<p>RUS: India, China may be first buyers of Russia's latest S-500 air defense system</p>	<p>India, China and some of Russia's partner states may be the first buyers of the S-500 next-generation anti-aircraft missile system, Director of Russia's Federal Service for Military-Technical Cooperation Dmitry Shugayev said in an interview with the RBC media group on Tuesday.</p> <p>India is a long-standing strategic partner of Russia, the director of the Federal Service for Military-Technical Cooperation stressed. "We have concluded a contract for the S-400 and they will receive the first battalion set of this system by the yearend. That is why it is quite logical that they will display their interest in the foreseeable future and request the S-500 from us as well," Shugayev said.</p> <p>Russia will start the exports of the S-500 surface-to-air missile system only after the required amounts of this weapon are delivered to the Russian troops, he said.</p> <p><i>(Ergänzende Information tass.com vom 02.11.2021: About ten countries display their interest in buying Russian-made S-400 medium-to-long range air defense systems, Director of Russia's Federal Service for Military-Technical Cooperation Dmitry Shugayev said in an interview with the RBC media group on Tuesday.)</i></p>
<p>en.yna.co.kr 29.10.2021</p>	<p>KOR: S. Korea to develop homegrown naval interception system</p>	<p>South Korea will launch a project next month to develop a homegrown naval interception system designed to protect warships from hostile aircraft and missiles, the state arms procurement agency said Friday. The Defense Acquisition Program Administration (DAPA) said the project aims to develop the Close In Weapon System-II (CIWS-II) -- a ship-based gun capable of countering incoming attacks in the final stage of the Navy's multilayered interception program -- by 2027. The Navy currently employs final-stage interception systems imported from the United States and the Netherlands. The CIWS-II project will use domestically developed technologies to counter various types of threats, such as those from hostile sea skimming missiles and infiltrating high-speed boats, DAPA said. Once developed, the system will be mounted on major naval ships, including destroyers currently in development under the Korean Destroyer Next Generation project.</p>
<p>stripes.com 22.10.2021</p>	<p>US ARMY: US Army is testing Israel's Iron Dome missile-defense system on Guam</p>	<p>The U.S. Army has deployed Israel's Iron Dome missile-defense system to Guam through November to gauge how well the battery can be integrated with the Pacific island's existing defenses. It is an entire battery – the radar system, the control center and launchers. The test battery has been set up in remote jungle in the northwest part of Andersen Air Force Base. It sits near the existing Terminal High Altitude Area Defense, or THAAD, anti-ballistic missile system, which the Army has operated on Guam since 2013. Iron Dome is designed to protect ground troops by destroying short-range missiles and drones. It complements THAAD, which intercepts short- to intermediate-range ballistic missiles in their final descending stage.</p>

nato.int 21.10.2021	NATO: Fifteen Allies deepen cooperation on Ground Based Air Defence	<p>Defence Ministers from 15 NATO Allies reaffirmed their commitment to multinationally develop, acquire and deliver Ground Based Air Defence capabilities, which will protect Allied personnel, equipment and facilities from air based threats.</p> <p>New participants joined two recently launched High Visibility Projects (HVP), the “Modular GBAD” project and the “Rapidly Deployable Mobile C-RAM” initiative, as well as the launch of a new undertaking, the “Command and Control capability for surface-based air and missile defence for the battalion and brigade level” (GBAD C2 Layer).</p> <p>The Modular GBAD participants (Belgium, Denmark, Germany, Hungary, Italy, Latvia, The Netherlands, Slovenia, Spain and the United Kingdom) welcomed Norway, Poland, Portugal and the United States to the project. It aims to acquire and field a modular solution for very short range, short range and medium range ground-based air defence. This capability will offer Allies a modular solution, built around a command and control module and the option to connect different effectors for the covered threats. The plug-and-play capability will give Allies the option to exchange, add or remove effectors seamlessly according to the threats they are facing.</p> <p>For the second project, the Rapidly Deployable C-RAM, Norway, Poland and the United States joined Germany, Greece, Hungary, and the UK. This project aims to develop and deliver a capability to protect Allied forces from rockets, artillery and mortar threats. A particular focus of this project will be on potential solutions through innovative approaches, such as direct energy based capabilities.</p> <p>Finally, six Allies – Denmark, Italy, Portugal, Spain, the UK and the US – started a new initiative to commonly acquire and field a Command and Control capability for surface based air and missile defence for the battalion and brigade level (GBAD C2 Layer).</p>
		Boden- und seegestützte Einsatzkräfte, Strategische Kampfmittel und Space Forces
defbrief.com 03.11.2021	USN:	The US Naval Air Systems Command has awarded Raytheon Missiles & Defense a \$20 million contract for low-rate production of the Maritime Strike Tomahawk cruise missile. The Maritime Strike Tomahawk (MST), which

	<p>Raytheon receives first Maritime Strike Tomahawk contract</p>	<p>is also designated as Block VA, is part of the Block V family of Tomahawks that will also introduce a Joint Multiple Effects Warhead System (JMEWS), designated as Block VB, for the ability of engaging more diverse land targets.</p> <p>Raytheon is delivering the new capabilities as part of a wider program to recertify and modernize the existing Block IV inventory of missiles, and produce new Block V missiles. The navy received its first Block V missile in March this year. MST Block Va includes navigation and communication upgrades in addition to an advanced multi-mode seeker for engaging moving targets at sea. In an announcement from October 29, the navy said the contract would see Raytheon integrate, produce, qualify, test and field MST seeker suites and all subsystems required to provide midcourse and terminal guidance for prosecution of maritime targets from surface and subsurface platforms. The service added that the procured seeker suites would be installed in recertified Tomahawk missiles, with work scheduled to be completed by October 2024. This award is a significant and essential step toward addressing the US Navy's need to counter moving targets at sea.</p> <p>The Tomahawk cruise missile is a precision weapon that launches from ships and submarines and can strike targets precisely from 1,000 miles away, even in heavily defended airspace. According to Raytheon, US and allied militaries have flight-tested the GPS-enabled Tomahawk 550 times and used it in combat more than 2,300 times. Its most recent use came in 2018, when US Navy warships and submarines launched 66 Tomahawk missiles at Syrian chemical weapon facilities.</p>
<p>tass.com 03.11.2021</p>	<p>RUS: Russian Navy to get Tsirkon hypersonic cruise missiles starting from next year — Putin</p>	<p>"The trials of the Tsirkon seaborne hypersonic cruise missile are coming to a close. In the course of the trials, it struck both ground and sea targets from the submerged position and from surface ships accurately and in full compliance with the assigned task. Already from next year, these missiles will start arriving for service in the Russian Navy," Putin said.</p>
<p>kongsberg.com 29.10.2021</p>	<p>NOR: Kongsberg signs contract with Norwegian Navy for delivery of Naval Strike Missile (NSM)</p>	<p>Today, Kongsberg Defence & Aerospace AS (KONGSBERG) signed two contracts, valued at MNOK 1,426, with the Norwegian Defence Materiel Agency (FMA). KONGSBERG will deliver a new batch of Naval Strike Missile (NSM) to the Norwegian Navy's frigates and corvettes. The existing inventory of missiles will go through a series of maintenance actions to extend their operational timeline and continue providing state of the art defence capabilities for the Navy.</p>

		<p><i>(Ergänzende Information fma.no vom 29.10.2021: The first missiles will be delivered for the main overhaul in January 2022 and will be returned in August 2022. The last missile will be returned to its refurbished state in 2024. The contract has a framework of NOK 542 million.)</i></p> <p><i>(Ergänzende Information fma.no vom 29.10.2021: Based on the Storting's decision to continue the Skjold class, the Ministry of Defence commissioned defense materiel to acquire a sufficient number of new missiles for the Navy to equip both the frigates and the now-continued Skjold class. These missiles are now acquired by triggering an option in the contract signed in the summer of 2021, then to replace the missiles that were lost with the shipwreck of the frigate "Helge Ingstad". This ensures that the frigates and corvettes will be equipped with new NSM Block 1A missiles. The new missiles will be delivered from 2024, with the last delivery in 2025. The agreement has a framework of approximately NOK 900 million. This acquisition is part of the ongoing missile cooperation with Germany.)</i></p>
navy.mil 29.10.2021	USN: Navy Hypersonic Rocket Motor Moves Closer to Flight Testing	The Navy Strategic Systems Programs (SSP) successfully conducted a second test of the First Stage Solid Rocket Motor (SRM) on October 28, 2021, in Promontory, Utah, as part of the development of the Navy's Conventional Prompt Strike (CPS) offensive hypersonic strike capability and the Army's Long Range Hypersonic Weapon (LRHW). The offensive weapon systems will enable precise and timely strike capability against deep inland targets in contested environments. 'Today's successful test brings us one step closer to the design validation of our new hypersonic missile that will be fielded by both the Navy and the Army,' said Vice Adm. Johnny R. Wolfe Jr, Director, Navy's Strategic Systems Programs, which is the lead designer for the common hypersonic missile. Information gathered from ongoing tests will further inform the services offensive hypersonic technology development. Hypersonic weapons are capable of flying at speeds greater than five times the speed of sound (Mach 5), are highly maneuverable and operate at varying altitudes.
economictimes. indiatimes.com 27.10.2021	IND: India successfully test-fires surface-to-surface ballistic missile Agni-5	India, on Wednesday, successfully launched surface-to-surface ballistic missile Agni-5 from Dr APJ Abdul Kalam Island off the coast of Odisha in Balasore. The missile, which uses a three-stage solid-fuelled engine, is capable of striking targets at ranges up to 5,000 kilometres with a very high degree of accuracy. The missile is the bedrock of India's nuclear deterrent along with submarine-based nuclear missiles, which had not yet been tested to anywhere close to this range. The missile is about 17-metre long, 2-metre wide and has launch weight of around 50 tonnes. It can carry a nuclear warhead of more than one tonne. At present, India has in its armoury of Agni series, Agni-1 with 700 km range, Agni-2 with 2,000 km range, Agni-3 and Agni-4 with 2,500 km to more than 3500 km range.
defenseone.com 27.10.2021	CHN:	A hypersonic missile that China launched into space this summer "did circle the globe," a U.S. official confirmed to Defense One, and the Pentagon is still working through the implications of the surprise test. Senior leaders are now focused more directly on the launch and its implications, the U.S. official said.

	'It Did Circle the Globe': US Confirms China's Orbital Hypersonic Test	<i>(Ergänzende Information voanews.com vom 27.10.2021: China's efforts to surpass the United States as the world's foremost military power are making significant progress, based on a July test of a hypersonic weapons system. The top U.S. military officer confirmed Beijing's July 27 test of a high-speed system that orbits Earth to better evade U.S. missile defense systems, calling the development "very concerning." "What we saw was a very significant event of a test of a hypersonic weapon system," General Mark Milley, chairman of the Joint Chiefs of Staff, told Bloomberg Television on Wednesday. "I don't know if it's quite a Sputnik moment, but I think it's very close to that," he added.)</i>
economictimes. indiatimes.com 25.10.2021	IND: India's first indigenous aircraft carrier Vikrant begins second phase of sea trials	India's first indigenous aircraft carrier (IAC) Vikrant set sail on Sunday for the second sea trials, ahead of its planned induction into the Indian Navy by August next year. The warship will operate MiG-29K fighter jets, Kamov-31 helicopters, MH-60R multi-role helicopters.
defense.gouv.fr 25.10.2021	FRA: Successful launch for Syracuse 4A, a latest- generation military satellite	<p>On Sunday, October 24, the first military telecommunications satellite of the SYRACUSE IV program was successfully launched. By 2030, two more satellites will join Syracuse 4A to form an ever more efficient constellation. The second, Syracuse 4B, will take off in 2022. With this system, which will increase the ability of armies to communicate at very long distances in complete autonomy, France reaffirms its strategic ambitions in space, an increasingly militarized place of confrontation.</p> <p>SYRACUSE is a French telecommunications satellite program launched in 1980. It makes it possible to ensure all highly secure military communications between France and the units deployed in the theatres of operations. Three generations of SYRACUSE satellites were deployed between 1984 and 2015. Syracuse IV marks a major evolution as France's first highly secure military satellite telecommunications system, protected against cyber-attacks. Syracuse 4A will be fully operational at the end of 2022. It will take 7 months to reach its geostationary orbit at 36,000 km.</p>
		Geo- und Sicherheitspolitik, militärische Übungen
bulletin-1.ch	DEU: Die heiße Kartoffel	Was bedeutet die atomare Teilhabe für Deutschland?

Dr. Peter Forster 03.11.2021		<i>(Vollständiger Report abrufbar unter: https://bulletin-1.ch/die-heisse-kartoffel/)</i>
jpost.com 01.11.2021	ISR: Drill for 2,000 rockets a day and internal strife: IDF preps for war	Home Front Command and RAHEL are carrying out a joint war-time drill that started in Sunday. In war, 2,000 rockets expected to be fired per day by Hezbollah. The drill will focus on a new alert system for residents of northern Israel, as well as the rate of fire and the ability of Hezbollah to fire precision missiles and massive barrages toward specific areas – especially communities near the border fence. According to Home Front Command Chief of Staff Brig.-Gen. Itzik Bar some of the issues that concern him are “the issue of precision-guided munitions and the effect that they will have on our ability to function and on things in the world of incoming fire alerts. The second is the rate of fire and Hezbollah’s ability to conduct truly massive rocket barrages at specific geographic areas – I’ll use the phrase ‘demolishing the front line’ – directed fire at the communities near the border.” <i>(Vollständiger Artikel abrufbar unter: https://www.jpost.com/israel-news/home-front-command-rahel-to-carry-out-joint-war-time-drill-starting-today-683587)</i>
taiwannews.com.tw 01.11.2021 09:04	TWN/CHN: 8 Chinese military planes enter Taiwan’s ADIZ	Eight Chinese military planes entered Taiwan’s air defense identification zone (ADIZ) on Sunday (Oct. 31) during the day, marking the 20th intrusion in October. Six People’s Liberation Army (PLA) Shenyang J-16 fighter jets and one KJ-500 airborne early warning and control aircraft entered the southwestern corner of Taiwan’s ADIZ, according to the Ministry of National Defense (MND). Meanwhile, a Shaanxi Y-8 anti-submarine warfare plane flew into the southwest and southeast corner of the zone. According to MND data, Chinese aircraft were tracked in Taiwan’s ADIZ 20 times in October, 27 times in September, 14 times in August, 14 times in July, 10 times in June, 18 times in May, 22 times in April, 18 times in March, 17 times in February, and 27 times in January.
en.yna.co.kr 01.11.2021	KOR/USA: S. Korea, U.S. kick off joint air exercise	South Korea and the United States kicked off a combined annual air exercise Monday, a source said, in a low-key manner apparently to back ongoing diplomacy to resume dialogue with North Korea. For the five-day exercise, the allies mobilized some 100 air assets each, including F-15K and KF-16 jets from South Korea and F-16s from the U.S., the source said, noting no military assets were deployed from the U.S. mainland this time. The allies have regularly held the air exercise in a scaled-down, low-key manner since they suspended the large-scale Vigilant Ace exercise to support peace efforts on the Korean Peninsula.

<p>reuters.com 31.10.2021</p>	<p>USA/TUR: Biden talks F-16s with Turkey's Erdogan</p>	<p>U.S. President Joe Biden told Turkish President Tayyip Erdogan his request for F-16 fighter jets had to go through a process in the United States, while Erdogan said his counterpart was "positive" toward the jet sale. Ties between Ankara and Washington have been strained over a host of issues in recent years, from policy differences in Syria to Turkey's purchase of Russian S-400 missile systems, human rights and legal matters. The United States has also sanctioned Turkey over the S-400s. "President Biden reaffirmed our defense partnership and Turkey's importance as a NATO Ally, but noted U.S. concerns over Turkey's possession of the Russian S-400 missile system," the White House said in a statement after the meeting.</p>
<p>timesofisrael.com 31.10.2021</p>	<p>ISR/IRN: In 1st-ever interview to Bahraini paper, IDF general threatens Iran</p>	<p>The Israel Defense Forces general tasked with countering Iran gave the military's first-ever interview to a Bahraini newspaper on Sunday, hailing the ties between the two countries and discussing the threats posed by Tehran and its nuclear program. In his interview with Bahrain's al-Ayam, Maj. Gen. Tal Kalman said Israel preferred a diplomatic solution to halt Tehran's nuclear ambitions despite Iran's current intransigence on the matter, but warned that Israel was "preparing for other scenarios" should those negotiations fail, apparently alluding to a possible military strike. Kalman said that Iran's nuclear program represented a threat not only to Israel but to the entire world.</p> <p><i>(Vollständiger Beitrag abrufbar unter:</i> https://www.timesofisrael.com/in-1st-ever-interview-to-bahraini-paper-idf-general-threatens-iran/<i>)</i></p>
<p>timesofisrael.com 31.10.2021</p>	<p>ISR/IRN: Likud MK: Israel must strike Iran by year's end if there's no new nuke deal</p>	<p>Likud MK Tzachi Hanegbi said Saturday that in the absence of a nuclear deal between Iran and world powers, Israel should carry out a strike on the Islamic Republic by the end of the year, adding that the government would have the full backing of his party on the matter. "Iran is an existential threat. We give full backing to this government if the decision is made to strike. We are approaching the crossroads of a decision on the Iranian issue," the former minister said at a cultural event. "If there is no agreement between Iran and the world powers, we should attack Iran by the end of 2021," he said.</p>
<p>defensenews.com 29.10.2021</p>	<p>CHN/TWN: Satellite images show China may be using closed civilian airport to launch Taiwan overflights</p>	<p>China is likely using an unused civilian airport just across the Strait of Taiwan to conduct its overflights near the island, with satellite imagery on different occasions showing military aircraft parked on the ground that correspond with Taiwanese military reports. Shantou-Waisha airport, less than 220 miles across the strait from the southern Taiwanese city of Tainan, has played host to rotating detachments of People's Liberation Army aircraft since at least October 2020, according to satellite imagery provided to Defense News by Planet Labs. The mixed civilian and military airport, which used to service the city of Shantou, ceased commercial operations in 2011 when the nearby Jieyang-Chaoshan airport opened to become the city's civilian airport.</p>

		<p>(Vollständiger Artikel abrufbar unter: https://www.defensenews.com/air/2021/10/28/satellite-images-show-china-may-be-using-closed-civilian-airport-to-launch-taiwan-overflights/)</p>
<p>economictimes. indiatimes.com 29.10.2021</p>	<p>IND: American Chinooks, howitzers and cruise missiles to back India against China in eastern Tibet</p>	<p>India has deployed recently acquired U.S.-made weaponry along its border with China, part of a new offensive force to bolster its capabilities as the countries remain deadlocked over disputed territory in the Himalayas. U.S.-manufactured Chinook helicopters, ultra-light towed howitzers and rifles as well as domestically-made supersonic cruise missiles and a new-age surveillance system will back Indian troops in areas bordering eastern Tibet. The Indian aviation brigade is now equipped with Chinook helicopters, which can ferry U.S.-made light howitzers and troops quickly across mountains. It also has Israeli-made unmanned aerial vehicles that relay real-time pictures of the adversary round the clock.</p>
<p>focustaiwan.tw 28.10.2021</p>	<p>TWN/USA: Tsai confirms U.S. troop presence, expresses faith in Biden defense vow</p>	<p>President Tsai Ing-wen (蔡英文) confirmed for the first time the presence of U.S. military personnel in Taiwan, during an interview with CNN released Thursday. Tsai said Taiwan had "a wide range of cooperation with the U.S. aiming at increasing our defense capability." Tsai, however, declined to specify how many American service members have been sent to Taiwan, saying the number was "not as many as people thought." The president also expressed faith that Washington would help defend against a Chinese attack, days after her U.S. counterpart Joe Biden pledged to do so during a CNN town hall event.</p> <p>The White House later issued a clarification stating that U.S. policy toward Taiwan -- over which China has vowed to exert irredentist claims using force if necessary -- remained unchanged. International media reported earlier this month that the U.S. had been rotating a small number of U.S. Marines and Special Operations Forces soldiers on the island to train with the Taiwanese military, amid rising tensions across the Taiwan Strait.</p>
<p>voanews.com 28.10.2021</p>	<p>USA: Chinese Military on Target to Surpass US, Russia</p>	<p>It is only a matter of time before China's plan to replace the United States as the world's preeminent military becomes reality, a top U.S. general warned, calling on the Washington and its allies to speed efforts to counter Beijing's bid for dominance. General John Hyten, vice chairman of the Joint Chiefs of Staff and Washington's second-most-senior military officer, called the rapid rise of the Chinese military "stunning." "The pace they're moving and the trajectory that they're on will surpass Russia and the United States if we don't do something to change it," he told the Defense Writers Group on Thursday, responding to a question from VOA. "We have to do something," he added.</p>

		<p>The warning from Hyten, who is set to retire next month, comes a day after the top U.S. military officer publicly confirmed that China tested a hypersonic weapon system in July, sending a glider around the world at five times the speed of sound.</p> <p>Despite concerns about China’s rapidly progressing military prowess, Hyten said that for the moment, Russia remains the biggest existential threat to the U.S. “Russia is still the most imminent threat, simply because they have 1,500 deployed nuclear weapons, plus or minus, and China’s got roughly 20% of that,” the general said in response to a question from VOA. “So, you have to worry about Russia in the near term. They already have operational hypersonic capabilities with nuclear weapons on it,” Hyten said of Russia. “And they continue to experiment with hypersonics, but not nearly at the pace of China, not anywhere close to the pace of China.”</p>
<p>jpost.com 25.10.2021</p>	<p>ISR: Air Force Drill 'Blue Flag' 2021 enters second week</p>	<p>The fifth bi-annual Blue Flag exercise at Ovda Air Force base in the Negev north of Eilat entered its second week, with thousands of troops and dozens of aircraft from around the world taking part in the most advanced aerial drill ever held in the Jewish state. Along with the dozens of Israeli aircraft taking part, some 40 aircraft from Germany (six Eurofighters), Italy (five F-35 jets and five G550 planes), Britain (six Eurofighters), France (four Raphael jets), India (five Mirage jets), Greece (four F-16 jets), and the US (six F-16 CJ jets) are taking part. In addition, personnel from South Korea, Finland, Romania, Netherlands, Japan, Australia, Croatia and other countries have arrived to learn from the exercise without any active participation. Israeli platforms taking part in the drill include F-35 jets, F-15s, F-16s, G5500 aerial monitoring aircraft, a Patriot battery and UAVs, as well as Hofit and Tzufit aircraft. The IAF squadrons taking part include the 106th Spearhead squadron which is leading the exercise, the 119th Bat squadron, the 115th Flying Dragon, 140th Golden Eagle, 116th Lions of the South and the 122th Nachson squadron.</p> <p>During the drill, forces are practicing aerial battle, as well as surface-to-air battle scenarios, advanced surface-to-air missile combat outlines in enemy territory, and more. The exercise focuses on “broadening and enhancing the operational capabilities of the participating forces,” with a focus on air-to-air and air-to-ground attacks, as well as evading ground-based air defense systems “and various operational scenarios in enemy territory,” the army said. With fighter jets, helicopters, unmanned aerial systems, a Patriot battery and more, the “Red” Force simulate the enemy that has mobile weaponry resembling real threats that pose strategic and tactical challenges during training scenarios. This years’ drills will focus on the integration of fourth- and fifth-generation aircraft, including the F-35 Adir in complex operational scenarios, the military said. Israeli F-35i Adir aircraft are also flying as the “Red” team, posing a challenge to the other aircraft.</p>

		<p>In addition to the aerial drills, there will be a conference at the Nevatim airbase for countries flying the F-35 including Italy, Norway, Netherlands, the UK, the US and Belgium. As part of the conference, Commander of the United Arab Emirates Air Force Maj.-Gen. Ibrahim Nasser Mohammed al-Alawi will land in Israel for the first time as Norkin's guest.</p> <p><i>(Ergänzende Information timesofisrael.com vom 25.10.2021: The Israeli troops acting as Dragonland, which was named for the 115th Squadron, used Patriot missile defense batteries and other systems to simulate Russian-made air defenses, like the SA-2, SA-6, SA-3, SA-8 and SA-22, and F-16 and F-15 fighter jets to simulate the Russian or Soviet-era planes, as well as various attack helicopters and drones. Soldiers were also positioned on the ground to act as enemy troops, Lazar said.)</i></p> <p><i>(Ergänzende Information timesofisrael.com vom 29.10.2021: A German military photographer posted two pictures of Jordanian fighter jets taking part in this month's massive Blue Flag aerial exercise on social media on Friday, apparently inadvertently revealing that the kingdom had participated in the Israeli-hosted drill. In one photo, a Jordanian F-16 fighter jet can be seen riding along a runway in the Israeli Air Force's Ovda base, just north of Eilat, while a French Rafale jet flies above it. In the second, a Jordanian F-16 could be seen taking off from the same base.)</i></p>
timesofisrael.com 25.10.2021	ISR/IRN: IAF to start training for strike on Iran nuke program in coming months	<p>The Times of Israel has learned that some aspects of the IAF's strike plan, which is still in the "draft" stage, could be ready within a short period of time, while others would take more than a year to be fully actionable. Preparing for such a strike has become a top priority for the Israeli Air Force and making the necessary preparations has required changes to its training schedule. In addition to having to find ways to strike Iranian facilities that are buried deep underground, requiring specialized munitions and tactics, the Israeli Air Force will have to deal with increasingly sophisticated Iranian air defenses in order to conduct such a strike. The air force will also have to prepare for an expected retaliation against Israel by Iran and its allies throughout the region.</p> <p>The times of Israel learns that raids on Iranian proxies in Syria getting more difficult.</p>
asia.nikkei.com 24.10.2021	JPN/CHN/RUS: China, Russia ships needle through Japan's southern chokepoint	<p>Four days after passing through a maritime chokepoint in northern Japan, 10 Chinese and Russian warships have now sailed through a southern chokepoint, in effect circumnavigating the nation in an unprecedented provocative move. In a statement, Japanese Defense Ministry's Joint Staff said 10 vessels passed westward through the Osumi Strait between Osumi Peninsula and Tanegashima Island, both in the southern prefecture of Kagoshima, on Friday. Tokyo said this was the first time Chinese and Russian ships have jointly sailed through the Osumi Strait. The 10 ships are the same that passed the northern chokepoint Tsugaru Strait that runs between Japan's main Honshu island and the island of Hokkaido on Monday. Like the Tsugaru Strait, the Osumi</p>

		Strait only counts 3 nautical miles from each shore as territorial waters, as opposed to the customary 12 miles, leaving the central portion of the narrow strait as international waters. Japan has five such chokepoints that only count 3 miles as territorial waters, with the others being the Soya Strait, between the northern tip of Hokkaido and the Russian island of Sakhalin; and the east portion and west portion of the Tsushima Strait, which lies between South Korea and Japan.
voanews.com 23.10.2021	USA/TWN: 'Strategic Ambiguity' on Taiwan Apparent as White House Walks Back Biden Comments	White House press secretary Jen Psaki on Friday appeared to walk back President Joe Biden's statement on Thursday that the United States was committed to defending Taiwan should it come under Chinese attack. "The president was not announcing any change in our policy, nor has he made a decision to change our policy," Psaki said during a White House news briefing. "Our defense relationship with Taiwan is guided by the Taiwan Relations Act." The 1979 Taiwan Relations Act states that the U.S. will provide arms for Taiwan to maintain a sufficient self-defense capability. It does not say the U.S. would intervene militarily to protect Taiwan in the event of a Chinese attack.
timesofisrael.com 22.10.2021	ISR/RUS: Israel says Russia agreed to not hamper IDF air campaign over Syria	Prime Minister Naftali Bennett and Russian President Vladimir Putin agreed during their meeting in Sochi on Friday that the two nations would continue to implement the so-called deconfliction mechanism that works to prevent Israeli and Russian forces from clashing in Syria, a senior Israeli official said. According to Housing Minister Ze'ev Elkin, who accompanied Bennett to act as a translator and advisor, that included making sure the countries continued to work at avoiding conflict over Syria, where Russia is a main player backing the Syrian government and where Israel has waged a years-long campaign of airstrikes aimed at pro-Iranian fighters there.
israelradar.com 22.10.2021	ISR: IDF Study: 6% of Hezbollah Rockets Will Hit Urban Areas	About 6% of Hezbollah rockets fired in the next war will explode in urban areas in Israel, IDF experts estimate. The army warns that the terror group will likely hit toxic substance depots in the Haifa region, as well as the city's port. The Israeli estimates are based on improvements in the accuracy of Hezbollah's rockets, Maariv daily reported.
		Analysen, Studien, Reports, Fact Sheets, Infographics, Podcast und Videos
defense.gov 03.11.2021	USA/CHN:	The Department of Defense announces the release of its annual report on "Military and Security Developments Involving the People's Republic of China." The congressionally mandated report serves as an authoritative

	<p>DOD Releases 2021 Report on Military and Security Developments Involving the People's Republic of China</p>	<p>assessment on military and security developments involving the PRC. This year's report provides a baseline assessment of the Department's top pacing challenge and charts the maturation of the People's Liberation Army (PLA). The report accounts for the PRC's evolving national strategy and outlines the strategic objectives driving the PLA's defense policy and military strategy. It also covers key developments of the PLA's military modernization and reform, and provides insights into the PRC's regional and global ambitions. This includes the PLA developing the capabilities to conduct joint long-range precision strikes across domains, increasingly sophisticated space, counterspace, and cyber capabilities, and accelerating the large-scale expansion of its nuclear forces.</p> <p><i>(Vollständiger Report abrufbar unter:</i> https://media.defense.gov/2021/Nov/03/2002885874/-1/-1/0/2021-CMPR-FINAL.PDF)</p> <p><i>(Ergänzende Information voanews.com vom 03.11.2021: A Pentagon report warns that China's rapidly growing nuclear arsenal is expanding at a much faster pace than estimated just a year ago, while a new Chinese military modernization goal could provide Beijing with "more credible military operations in Taiwan." The accelerating speed of China's nuclear expansion may enable Beijing to have up to 700 deliverable nuclear warheads by 2027, with Beijing's intended goal of obtaining at least 1,000 nuclear warheads by 2030, according to the Pentagon's annual "China Military Power" report to Congress that was released Wednesday. The pace vastly exceeds what was estimated in the Pentagon's 2020 report, which said China's nuclear arsenal was slightly more than 200 and was expected to double by the end of the decade. The United States' nuclear arsenal, with an estimated 3,800 warheads in active status, would still dwarf the Chinese arsenal.)</i></p>
<p>news.usni.org 02.11.2021</p>	<p>Commercial Radar Satellites Reveal Russian Stealth Fighters</p>	<p>A tougher challenge would be Russia's new generation of stealth fighters. As seen previously with the Type-022 missile boat in China, vehicles that are designed to be low-observable to radar are not hidden from SAR satellites — including the new Russian Su-57 Felon 5th generation fighter. The imagery Capella provided of Akhtubinsk Airfield in Russia showed a range of aircraft. In one zoomed-in section, two Sukhoi Su-57 Felons are visible. They can be differentiated from the Su-34 Fullbacks parked nearby. Elsewhere on the base other aircraft included Mikoyan MiG-31 Fox Hound fighters and small Su-25 Frog Foots. The fidelity of the images show that it's possible to distinguish between different types of low-observable aircraft, even if the aircraft are low-observable. This could be relevant to naval planners as more countries adopt both land-based and carrier-based fifth-generation fighters.</p> <p><i>(Vollständiger Artikel abrufbar unter:</i> https://news.usni.org/2021/11/02/commercial-radar-satellites-reveal-russian-stealth-fighters)</p>

f35.com 01.11.2021	F-35 Lightning II Program Status and Fast Facts	Aktueller Programm- Status F-35 Lightning II abrufbar unter: https://www.f35.com/content/dam/lockheed-martin/aero/f35/documents/FG21-00000_001%20F35FastFacts11_2021.pdf
news.usni.org 01.11.2021	USN: USNI News Fleet and Marine Tracker: November, 01, 2021	These are the approximate positions of the U.S. Navy's deployed carrier strike groups and amphibious ready groups throughout the world as of November 01, 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. <i>(Infographic abrufbar unter</i> https://news.usni.org/2021/11/01/usni-news-fleet-and-marine-tracker-nov-1-2021 <i>)</i>
navy.mil 29.10.2021	USN: Navy Aviation Vision 2030-2035	The Navy Aviation Vision 2030-2035 supersedes The Vision for Naval Aviation 2025 and reflects key concepts to meet CNO's vision of a Navy that swarms the sea, delivering synchronized lethal and non-lethal efforts from near and far, on every axis and in every domain. As the Navy plans to build and sustain a lethal, resilient force, it is imperative to have a clear roadmap aligned with, and supporting, the overarching strategy <i>(Vollständiges PDF-Dokument abrufbar unter:</i> https://s3.documentcloud.org/documents/21095460/navy-aviation-vision-2030-2035_fnl.pdf <i>)</i>
esut.de 28.10.2021	DEU: Tornado-Nachfolge: Bundesregierung nimmt Stellung zu Beschaffungskriterien	Anfang vergangenen Jahres hat das Verteidigungsministerium seine Absicht bekanntgeben, F/A-18F Super Hornets als Ersatz für den Tornado in seiner Rolle als Trägerflugzeug von Nuklearwaffen zu beschaffen. In einer Antwort der Bundesregierung vom 29. September auf eine Kleine Anfrage der FDP-Bundestagsfraktion hat das BMVg jetzt seine Kriterien für die Auswahl der Tornado-Nachfolge erläutert. <i>(Vollständiger Beitrag abrufbar unter:</i> https://esut.de/2021/10/meldungen/30168/tornado-nachfolge-bundesregierung-nimmt-stellung-zu-beschaffungskriterien/ <i>)</i>
breakingdefense.com 26.10.2021	USA: The F-35 At 20: How Its Successes, And Failures, Shaped The Aerospace Industry	The takeaway from the last 20 years, according to aerospace analyst Richard Aboulafia, might well be, "You succeeded, but please don't try that again." <i>(Vollständiger Report abrufbar unter:</i> https://breakingdefense.com/2021/10/the-f-35-at-20-how-its-successes-and-failures-shaped-the-aerospace-industry/ <i>)</i>

<p>globaltimes.cn 26.10.2021</p>	<p>CHN: President Xi calls to break new ground in weaponry, equipment development, assigns relevant missions in 14th Five-Year Plan</p>	<p>Chinese President Xi Jinping has urged efforts to break new ground in the development of the country's military weaponry and equipment, and contribute to the realization of the goals set for the centennial of the People's Liberation Army (PLA), the Xinhua News Agency reported on Tuesday. Xi, also general secretary of the Communist Party of China (CPC) Central Committee and chairman of the Central Military Commission (CMC), made the remarks at a military conference on weaponry and equipment-related work, which was held in Beijing on Monday and Tuesday.</p> <p>The next? At Airshow China 2021, which was held from late September to early October in Zhuhai, South China's Guangdong Province, top designers and engineers of multiple Chinese advanced weapons, aircraft and other equipment announced or unveiled some new plans for the country's weaponry and equipment development.</p> <p>Yang Wei, chief designer of China's J-20 stealth fighter jet, said at a press conference at the airshow that the use of domestically built engines is just the beginning for the J-20 upgrades, and the aircraft will continue to be improved in the fields of mechanization and informatization. "Assuming we do have a twin-seat version of the J-20, it would not be a trainer aircraft, because it would be developed for the enhancement of the aircraft," Yang noted.</p> <p>When answering a media question related to the next member of the "20-family" aircraft, which is widely believed to be the H-20, a highly expected next-generation strategic bomber, Yang said, "Chinese military enthusiasts' dreams will come true."</p> <p>China will also reveal new progress on its next-generation aircraft carrier-based fighter jet this year, the maker of the aircraft said at a press conference at Airshow China. "When the aircraft is ready, people will get to see it," said Sun Cong, chief designer of the J-15, China's first-generation aircraft carrier-based fighter jet. "This year, people should be able to see good news on the next-generation aircraft carrier-based fighter jet," Sun said, who is also the chief designer of the FC-31, China's second stealth fighter jet. For maritime weapons and equipment development, China Central Television predicted in January that China's third aircraft carrier could be launched soon.</p>
<p>nzz.ch 25.10.2021</p>	<p>TWN/CHN: «Ich bezweifle, dass es in zehn Jahren noch ein freies und</p>	<p>Der frühere amerikanische Nachrichtendienst James E. Fanell plädiert für eine vorbehaltlose Unterstützung Taiwans und eine harte Linie gegenüber China. Alles andere hält er für eine freiwillige Kapitulation.</p> <p><i>(Vollständiges registrierpflichtiges Interview abrufbar unter:</i></p>

	demokratisches Taiwan geben wird»	https://www.nzz.ch/international/taiwan-gibt-es-in-zehn-jahren-die-freie-inselrepublik-noch-ld.1651017)
mittchellaerospace-power.org 25.10.2021	USAF: The Future Fighter Force Our Nation Requires: Building a Bridge	<p>The Mitchell Institute for Aerospace Studies is pleased to announce a new Research Study, The Future Fighter Force Our Nation Requires: Building a Bridge, by Heather Penney, Senior Resident Fellow at the Mitchell Institute. The U.S. Air Force’s fighter force is in crisis. After three decades of canceled, curtailed, and delayed investment in fighter aircraft modernization, the nation now finds itself with a small, fragile air superiority force. This is not just an Air Force problem, for no form of joint power is viable without control of the sky. Ships at sea, forces on the ground, space control centers, cyber facilities, logistics hubs, and more are simply not survivable when subject to high-intensity attacks from the sky.</p> <p>This research study lays out the options the Air Force has to modernize the fighter force in the near term, plus factors it should consider over the long run. There is no silver-bullet answer—this is a matter involving both capability and capacity, and any viable path forward requires a comprehensive set of investments.</p> <p><i>(airforcemag.com fast die Studie von The Mitchell Institute for Aerospace am 26.10.2021 wie folgt zusammen: “Alternate Fighter Plan: Cut F-15EX, Extend F-22, Buy New Stealth Jets, More F-35s”!)</i></p> <p><i>(Vollständige Studie The Mitchell Institute for Aerospace abrufbar unter:</i> https://mittchellaerospacepower.org/wp-content/uploads/2021/10/Future-Fighter-Force-PDF-FINAL.pdf)</p>
airforcesmonthly.com 2021-11	ITA/NATO: Italian F-35As in the Baltic	<p>Four Italian Air Force Lockheed Martin Lightning II conducted the first deployment of fifth-generation fighter aircraft in support of NATO’s Baltic Air-Policing operations this summer.</p> <p><i>(Vollständiger Report abrufbar unter:</i> https://www.dropbox.com/sh/jij6tjwqgtqvjq/AACy1R_NpF6DK9PelbOCizQGa?dl=0&preview=F-35A+Baltic+Air+Policing++Air+Force+monthly.pdf)</p> <p><i>(Anmerkung Redaktion: Dieser Report belegt eindrücklich die Fähigkeiten des F-35A im Luftpolizeidienst (LPD)!!)</i></p>
airforcemag.com 22.10.2021	USAF: Discover ‘Weapons & Platforms,’ Air Force Magazine’s New Digital Database	<p>Air Force Magazine’s new Weapons & Platforms database builds on our annual Air Force & Space Force Almanac and combines that with recent and relevant news coverage of the system in a new digital format, creating a valuable resource that Airmen and Guardians, as well as content researchers and aviation enthusiasts, can leverage.</p>

		<p>(“Weapons & Platforms database” abrufbar unter: https://www.airforcemaq.com/weapons-platforms/)</p>
<p>crsreports.congress.gov 21.10.2021</p>	<p>USA: Emerging Military Technologies: Background and Issues for Congress</p>	<p>This report provides an overview of selected emerging military technologies in the United States, China, and Russia:</p> <ul style="list-style-type: none"> ° artificial intelligence, ° lethal autonomous weapons, ° hypersonic weapons, ° directed energy weapons, ° biotechnology, and ° quantum technology. <p>(Vollständiger Report abrufbar unter: https://crsreports.congress.gov/product/pdf/R/R46458)</p>
<p>heritage.org 21.10.2021</p>	<p>USA: 2022 Index of U.S. Military Strength</p>	<p>Each year, The Heritage Foundation’s Index of U.S. Military Strength employs a standardized, consistent set of criteria, accessible both to government officials and to the American public, to gauge the U.S. military’s ability to perform its missions in today’s world. The Index is not an assessment of what might be, although the trends that it captures may well imply both concerns and opportunities that can guide decisions that are germane to America’s security. Rather, the Index should be seen as a report card for how well or poorly conditions, countries, and the U.S. military have evolved during the assessed year.</p> <p>(Vollständiger Index abrufbar unter: www.heritage.org/military)</p>
<p>crsreports.congress.gov 14.10.2021</p>	<p>RUS: Russian Arms Sales and Defense Industry</p>	<p>Arms sales are a central element of Russia’s foreign policy and are closely controlled by the government to advance economic and strategic objectives. Russian arms sales provide an important source of hard currency, promote Russia’s defense and political relations with other countries, and support important domestic industries. Given this prominent role, trends in Russia’s global arms sales are of enduring interest to Congress.</p> <p>(Anmerkung Redaktion: Mit Kapiteln über die wichtigsten Empfängerländer russischer Waffen (Algerien, China, Ägypten, Indien und Vietnam) und Angaben über die Lieferungen an deren Luftstreitkräfte)</p> <p>(Vollständige Analyse abrufbar unter:</p>

<https://crsreports.congress.gov/product/pdf/R/R46937>

<p>Zielsetzung NACHBRENNER</p>	<p>Der NACHBRENNER hat zum Ziel eine am Thema Militärluftfahrt und Luftkriegsführung interessierte Leserschaft zeitnah über</p> <ul style="list-style-type: none"> ° Die Fähigkeiten und die Schlüsselfunktion von Air Power, ° die zentrale Bedeutung einer integrierten Luftverteidigung, ° die Weiterentwicklung von Luftstreitkräften mit einem besonderen Fokus Europa, ° Entwicklungen und Entwicklungstendenzen in der 3. Dimension sowie ° die möglichen verheerenden Folgen eines ungeschützten schweizerischen Luftraums für unsere Bevölkerung und Souveränität im Frieden, bei Terrorangriffen aus der Luft sowie im Konfliktfall <p>zu orientieren.</p> <p>Dafür werden offene staatliche und Firmen-Quellen sowie die Tages- und Fachpresse ausgewertet und in primär englischer Sprache thematisch und chronologisch zusammengeführt.</p>
<p>Ausgewählt und bearbeitet von MILITÄRPOLITISCHE NACHRICHTEN SCHWEIZ (MNS) Konrad Alder Hermann Hiltbrunner-Weg 1 Tel. 044 926 39 36 <i>konrad.alder@bluewin.ch</i></p>	<ul style="list-style-type: none"> ° Fact and Figures ° Science and Technology ° Entwicklungstrends ° Beschaffungsprogramme ° Luftkriegseinsätze ° Militär- und geopolitische Entwicklungen
<p>Beilagen im Anhang zum Versandmail NACHBRENNER 2021-22</p>	<ul style="list-style-type: none"> ° Nachrichtenblatt NACHBRENNER 2021-22 ° Replik Leserbrief NZZ RES 20.10.2021
<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

	<ul style="list-style-type: none">° Daniel Hildinger – Verein Schweizer Armeefreunde - www.chaf.ch° Christoph Vollenweider – Gruppe Luftverteidigung – www.lilienberg.ch
Neuabonnement NACHBRENNER	<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>

Replik auf den NZZ-Leserbrief 20.10.2021 von Roger E. Schärer, Oberst a D., Initiativkomitee Stopp F-35, Trin Mulin

UNGLAUBWÜRDIG!

Das Engagement von Roger E. Schärer für den Kauf eines neuen Kampfflugzeugs aus Europäischer Fertigung ist ungläubwürdig. Noch im September 2020 bekämpfte der Oberst a D als einer der führenden Exponenten der Bewegung «Liberaler Aufruf - Nein zum Kampfjet-Blankoscheck» den Bundesbeschluss über die Beschaffung neuer Kampfflugzeuge. Nun unterstützt er als Mitglied des Initiativkomitees «Stopp F-35» völlig überraschend die Armeeabschaffer von GSoA, SP und Grüne Schweiz bei ihrem Versuch über eine weitere Nullrunde Luftwaffe und nachgelagert unsere Armee irreversibel zu schädigen und letztendlich abzuschaffen. Der Vorschlag von Schärer, dass der Bundesrat das «Dealen in der Politik» wieder erlerne, umso bei einem Kauf eines europäischen Kampfflugzeugs weitere Kohäsionszahlungen zu vermeiden, grenzt an Schlaumeierei. Dies vor allem auch wegen der Tatsache, dass Frankreich bereits im Vorfeld zu der vom Volke 2014 abgelehnten Gripen-Beschaffung einem «politischen Kuhhandel» eine deutliche Abfuhr erteilte. Im Übrigen ist der Initiativtext von GSoA, SP und Grüne klar und in seinen Konsequenzen zwingend. Bei einer allfälligen Annahme der Eidg. Volksinitiative gegen die F-35-Beschaffung stehen wegen der Übergangsbestimmung zu Art. 60 «Das Armeebudget wird entsprechend angepasst.» auch keine Mittel für die Beschaffung einer teureren und weniger leistungsfähigen europäischen Lösung zur Verfügung. Konsequenz daraus: Spätestens ab 2030 würde unser Land über keinen glaubwürdigen Schutz unseres Luftraums mehr verfügen. Das muss im Lichte der aktuellen sicherheits- und geopolitischen Veränderungen in aller Welt und der damit einhergehenden Unwägbarkeiten als staatspolitisch verantwortungslos bezeichnet werden. Denn kein souveräner Staat verzichtet freiwillig auf seine Luftwaffe und gibt damit seine Bevölkerung schutzlos allen Bedrohungen aus der Luft preis. Bester Beweis dafür sind all die zurzeit laufenden Beschaffungsprogramme für Kampfflugzeug in Europa aber auch weltweit. Konrad Alder, 8713 Uerikon

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