Defence Professionals News & Analysis

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Defense Business and Industry

DRDO unveils advanced Man-portable AUVs for mine countermeasures.

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The Defence Research and Development Organisation (DRDO) has successfully developed a new generation of Man-portable Autonomous Underwater Vehicles (MP-AUVs) intended for mine countermeasure missions. These advanced AUVs, created by the Naval Science & Technological Laboratory in Visakhapatnam, feature Side Scan Sonar and underwater cameras for real-time detection and classification of mine-like objects, alongside deep learning algorithms for autonomous classification. Recent field trials have confirmed the system's critical operational parameters, paving the way for production in the coming months. This innovation is poised to enhance the Indian Navy's mine warfare capabilities, enabling rapid response with reduced operational risks and a smaller logistical footprint.

Indian Army's Gajraj Corps launches 16,000 ft mono rail for logistics in Arunachal Pradesh.

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The Indian Army's Gajraj Corps has successfully developed and operationalized an indigenous High Altitude Mono Rail System at 16,000 feet in Arunachal Pradesh, a critical advancement for military logistics in extreme environments. This innovative system, capable of carrying over 300 kg of supplies, operates continuously in harsh weather conditions, ensuring timely delivery of essential stores, ammunition, and equipment to troops deployed along the challenging Kameng frontier. Notably, the mono rail also facilitates rapid casualty evacuation in areas where helicopter access is compromised, enhancing operational readiness. This development signifies the Indian military's commitment to innovation and self-reliance, addressing persistent logistical challenges and reinforcing support for personnel stationed in inhospitable terrains along the Line of Actual Control.

ideaForge wins Rs 100 crore order for advanced tactical drones from Indian Army.

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ideaForge Technology Ltd has secured a significant supply order worth approximately Rs 100 crore from the Indian Army for its advanced tactical drones, the Zolt and SWITCH 2. The Zolt, valued at Rs 75 crore, is designed for long-range ISR operations and features advanced electronic countermeasures suitable for high-threat environments. The SWITCH 2, worth Rs 30 crore, is already battle-tested and part of the Army's operational arsenal. This procurement follows rigorous evaluations and field trials, reflecting the Indian Army's commitment to enhancing its capabilities with cutting-edge technology, thereby reinforcing the country's defense preparedness amid evolving security challenges.

Tejas jets lead India's 'Make in India' showcase at Dubai Airshow 2025.

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An Indian Air Force (IAF) contingent, including the Suryakiran Aerobatic Team and Tejas fighter jets, has arrived at Al Maktoum Airbase in Dubai for the Dubai Airshow 2025, scheduled from November 17 to 21. This participation highlights India's commitment to showcasing its indigenous defense capabilities under the 'Make in India' initiative, with Tejas fighters featuring prominently in both static and aerial displays. The event, expected to host over 1,500 exhibitors and 490 delegations, serves as an essential platform for enhancing India's defense-diplomacy outreach and fostering international military collaborations. By performing alongside esteemed global aerobatic teams, the IAF underscores its growing global footprint and advances its strategic interests in the Middle East.

China's Type 076 amphibious ship Sichuan begins sea trials, enhancing naval capabilities. SHARE

15-Nov-25

China's People's Liberation Army Navy (PLAN) has commenced sea trials for its first Type 076 amphibious assault ship, Sichuan, a vessel marking a significant leap in naval capabilities. Displacing over 40,000 metric tons and equipped with an electromagnetic catapult system for launching various aircraft, including drones and tiltrotor craft, the Type 076 enhances China's capacity for both amphibious operations and aerial dominance. Strategically, this development aligns with China's broader ambitions for power projection in contested regions such as the South China Sea and around Taiwan, following closely on the commissioning of its newest aircraft carrier, Fujian. The operational deployment of the Sichuan by the end of 2026 underscores China's ongoing naval modernization and its intent to fortify regional territorial claims amid rising geopolitical tensions.

Pentagon creates online marketplace for effective counter-drone technology procurement. SHARE

15-Nov-25

On November 13 and 14, 2025, the U.S. Department of Defense and the Army announced the establishment of a centralized online marketplace for counter-drone equipment, initiated by a joint interagency task force known as JIATF 401. This platform aims to streamline the procurement of counter-drone technologies for military installations, the FBI, and Homeland Security, allowing for the selection of tailored systems that prioritize electronic jamming and non-explosive responses to protect critical U.S. infrastructure. With small unmanned aerial systems posing increasing threats, the initiative is designed to enhance domestic security by providing rapid access to effective counter-UAS solutions, ensuring interoperability and standardization in testing and evaluation. The U.S. effort aligns with global military trends emphasizing layered defense and real-time situational awareness, paralleling India's robust advancements in indigenous counter-drone capabilities, such as the SAKSHAM system and the Sudarshan Chakra air defense project, highlighting the strategic imperative for nations to develop comprehensive defenses against emerging aerial threats.

Russia to unveil Su-57E and advanced systems at Dubai Airshow 2025. SHARE

15-Nov-25

At the Dubai Airshow 2025, Russia made a significant impact by debuting its export-configured fifth-generation Su-57E stealth fighter, marking the first public display of this aircraft in the Gulf region. The event, held from November 17 to 21, showcased over 850 defense products and emphasized Russia's commitment to establishing technology transfer and local production partnerships with potential buyers in the Middle East, North Africa, and Asia. The Su-57E was highlighted through both static and live flight displays, featuring advanced air-to-air and air-to-surface missiles optimized for stealth missions, reinforcing its role in modern integrated air defense systems. This strategic exhibition underscores Russia's intent to reinvigorate its defense exports amid a shifting global market, aiming to strengthen its ties and influence in a geopolitically critical region while meeting the increasing demands for advanced military capabilities.

LAT Aerospace's electric uSTOL UAV ready for first flight soon. SHARE

15-Nov-25

LAT Aerospace has announced that its electric ultra-Short Take-Off and Landing (uSTOL) UAV demonstrator is nearing its maiden flight following successful ground roll tests, marking a significant milestone in India's aerospace innovation. The UAV, designed with an impressive lift coefficient (CL) of 5, allows for a take-off distance of just 40 meters and boasts a 60-minute endurance, facilitating autonomous cruising between major Indian cities like Mumbai and Pune. This development underscores the startup's commitment to revolutionizing regional air connectivity through hybrid-electric STOL platforms, which can operate from compact air-stops without reliance on large commercial airports. In parallel, LAT Aerospace is advancing research into hybrid-electric propulsion systems and indigenous gas turbine engines, reflecting a broader trend of fostering in-house capabilities in India's defense and aerospace sectors. The successful execution of this project could significantly enhance UAV utility for urban, regional, and logistical missions, thereby positioning India at the forefront of next-generation aviation technology and self-reliance in aerospace capabilities.

Colombia's Gripen Deal Highlights U.S. Tech Dependency Issues for India. SHARE

15-Nov-25

Colombia has finalized a historic defense contract with SAAB for the acquisition of 17 Gripen-E jets, valued at approximately $4.25 billion, marking the end of its reliance on the aging IAI Kfir fleet that has served the country for over four decades. This procurement, which has faced delays due to political indecision, signifies a substantial technological leap for the Colombian Air Force, equipping it with advanced capabilities including AESA radar and modern weaponry. However, U.S. intervention in the form of denials for necessary export licenses has raised concerns about dependency on American technology, echoing broader issues faced by countries like India with its own LCA Mk-1A program, which also relies on U.S.-engine technology. The deal's offset package, extending beyond military cooperation to sectors like renewable energy, highlights Colombia's ambition to bolster its domestic industrial base while enhancing regional defense cooperation, particularly with Brazil, thereby reshaping the air combat landscape in South America and emphasizing the growing influence of non-U.S. aircraft in the region.

IAF conference promotes indigenisation and collaboration for defense self-reliance. SHARE

15-Nov-25

The Indian Air Force (IAF) recently hosted an Electronic Warfare (EW) conference emphasizing indigenisation through open-source modular architecture, aiming to enhance self-reliance in defense systems. Air Marshal Vijay Kumar Garg underscored the need for collaboration among academia, Defence Public Sector Undertakings (DPSUs), and private industry to drive innovation and reduce costs. The conference coincided with the announcement of the 8th edition of Exercise Ajeya Warrior, a joint military drill between the Indian and British armies set to take place in Rajasthan, focusing on counter-terrorism operations. These developments reflect India's commitment to strengthening defense capabilities and international military cooperation, reinforcing its strategic posture in a complex global environment.

Embraer's KC-390 to showcase new livery at Dubai Airshow 2025. SHARE

15-Nov-25

Embraer is preparing to debut its KC-390 Millennium multi-mission airlifter in a new livery at the Dubai Airshow 2025, scheduled for November 17-21 at Al Maktoum International Airport. This event highlights Embraer's strategic intent to expand its presence in the Middle Eastern defense and commercial aviation markets, where it forecasts significant growth potential. The KC-390's capabilities include rapid conversion to an aerial refueling tanker and interoperability with advanced fighter aircraft like the Saab Gripen E, which could align with India's modernization efforts in multi-role transport and force projection. This showcasing at the Dubai Airshow represents an important opportunity for Embraer to strengthen its relationships and emphasize its technological advancements in a key region for defense growth.

UK unveils four-step framework to boost supply chain cybersecurity resilience. SHARE

15-Nov-25

The UK government has introduced a four-step framework to enhance supply chain resilience amid rising cybersecurity threats, particularly ransomware attacks that have previously disrupted major operations, including those of a prominent food distributor and NHS trusts. The framework emphasizes the importance of understanding supply chain security, identifying key partners and their access levels, and developing tailored security strategies based on risk assessments of suppliers. This approach highlights the necessity for organizations to assess suppliers' cyber maturity, breach histories, and incident response readiness to build a secure and robust supply chain. The initiative reflects a growing recognition of the interconnected nature of modern supply chains and the critical need for rigorous cybersecurity measures to protect against systemic vulnerabilities.

NIST students develop 5G drone to enhance Indian Army capabilities. SHARE

15-Nov-25

Students from NIST University, Berhampur, have developed a pioneering 5G-enabled drone designed to enhance the Indian Army's surveillance and logistics capabilities, particularly in challenging environments like Siachen and the Line of Control. This advanced drone can transmit high-speed video, carry up to 5 kg, and operate at 2,000 meters for 45 minutes, acting as a flying network hub for other drones. The project, which involved collaboration with the Army Air Defence College, underscores a significant step towards boosting indigenous drone technology for defense applications, with a focus on secure communication networks. Such innovations are poised to significantly

improve reconnaissance and supply operations in remote border areas, reflecting India's commitment to strengthening its defense capabilities through homegrown technological advancements.

Saab wins €549 million for Arexis Electronic Warfare system for German Eurofighters. SHARE

15-Nov-25

Saab has secured orders worth approximately EUR 549 million from Airbus Defence and Space to supply the Arexis Electronic Warfare sensor suite for the German Eurofighter fleet, with deliveries expected between 2025 and 2028. This consists of an initial order valued at EUR 291 million, continuing a previously established contract for integrating the system, alongside a second order of EUR 258 million that incorporates advanced artificial intelligence features pending authority approval. The deployment of the Arexis system is anticipated to enhance the situational awareness and survivability of German Eurofighters, reflecting a deepening of Swedish-German defense cooperation and underscoring the increasing importance of advanced electronic warfare capabilities in modern military operations.

Indonesia shows interest in acquiring BrahMos missile system, says Rajnath Singh. SHARE

15-Nov-25

Indonesia has expressed interest in procuring the BrahMos missile system, as announced by Defence Minister Rajnath Singh. This request comes after the production of the first batch of BrahMos missiles at a new facility in Lucknow, operational since May 2023, which is part of the ambitious Uttar Pradesh Defence Corridor initiative. The facility, established at a cost of Rs 300 crore, demonstrates India's growing defense manufacturing capabilities and technological advancements. Singh emphasized India's enhanced global standing under Prime Minister Modi's leadership, noting that the nation is now taken seriously on the world stage, signifying a shift in international perceptions of India's defense strengths.

Trump considers F-35 deal with Saudi Arabia amid geopolitical tensions. SHARE

15-Nov-25

U.S. President Donald Trump has indicated he is considering a deal to supply Saudi Arabia with F-35 stealth fighter jets manufactured by Lockheed Martin, amid upcoming discussions with Saudi Crown Prince Mohammed bin Salman. Trump noted the Saudis' interest in acquiring a significant number of these advanced aircraft, which coincides with geopolitical maneuvers aimed at strengthening ties between the U.S. and Saudi Arabia. However, concerns have been raised by a Pentagon intelligence report regarding the potential for China to gain access to F-35 technology if the deal is finalized, highlighting implications for regional security and technology proliferation. The outcome of these negotiations could influence both U.S. defense commitments and the broader Middle East geopolitical landscape.

HAL boosts HTT-40 aircraft production to meet IAF training needs. SHARE

15-Nov-25

Hindustan Aeronautics Limited (HAL) has ramped up production of the HTT-40 trainer aircraft, moving from trials to serial production amid a revitalized aerospace ecosystem in India. Following the grounding of the HPT-32, the HTT-40 addresses a significant training gap for the Indian Air Force, with a contract worth 6,850 crores for seventy aircraft. The platform boasts advanced features like a full-glass cockpit and zero-zero ejection seats, enhancing training capabilities. As HAL expands its role in both defense and civil aviation, the successful induction of the HTT-40 by early 2026 would affirm India's self-sufficiency in defense manufacturing and bolster national capabilities, despite challenges in maintaining quality and meeting delivery timelines.

DDP to highlight India's indigenous defense capabilities at IITF 2025. SHARE

15-Nov-25

The Department of Defence Production (DDP) is prominently showcasing India's indigenous defense capabilities at the 44th India International Trade Fair (IITF) 2025, held at Bharat Mandapam, New Delhi, from November 14 to 27. The DDP pavilion highlights the transformative progress under the Aatmanirbhar Bharat initiative, presenting cutting-edge technologies and innovations in land systems, naval platforms, aerospace, and emerging domains. All 16 Defence Public Sector Undertakings (DPSUs) and numerous defense start-ups from the Innovations for Defence Excellence (iDEX) program are participating, reflecting India's growing self-reliance in defense manufacturing. This comprehensive showcase aims to enhance public and industry awareness, foster collaborations across sectors, and strengthen India's strategic defense posture amid regional security challenges,

underscoring significant advancements made in indigenous defense production and innovation. The event marks a strategic milestone in promoting India's defense ecosystem on a global stage.

Azerbaijan acquires nine JF-17 Block 3 jets, shifting from Pakistan. SHARE

15-Nov-25

Azerbaijan has officially inducted five JF-17 Block III fighter jets from Pakistan, marking a significant boost to its airpower amid regional tensions. This milestone was publicly demonstrated on November 8, 2025, during Azerbaijan's Victory Day parade. The acquisition stems from a $1.6 billion contract signed on February 22, 2024, which was later expanded to a $4.6 billion deal for 40 jets, making it Pakistan's largest defense export. The JF-17 Block III, equipped with AESA radar, PL-15E long-range missiles, and advanced avionics, enhances Azerbaijan's operational readiness and complements its existing MiG-29 and Su-25 fleets. The delivery signals deeper defense cooperation between Pakistan and Azerbaijan, with Pakistan focusing on developing more advanced platforms like J-10CE and J-35A, facilitating the reallocation of JF-17s. These jets are expected to be based at Nasosnaya Air Base, representing a strategic shift in regional air power balance and increased deterrence capability for Azerbaijan.

Adani Defence unveils SR-1 and VTOL-5 loitering munitions at Bangkok 2025 exhibition. SHARE

15-Nov-25

Adani Defence and Aerospace showcased its advanced loitering munitions, SR-1 and VTOL-5, at the Defense & Security 2025 exhibition in Bangkok held from November 10 to 13, 2025. The SR-1 is a fixed-wing drone with AI-enabled targeting, boasting a 10 km range and capability for multi-platform launch, while the VTOL-5 is a precision strike kamikaze drone. These unveilings underscore India’s strategic push to enhance indigenous drone warfare and swarm-killer capabilities amid evolving regional security dynamics. Adani’s role aligns with India’s defence modernization goals, complementing DRDO collaborations and expanding the private sector’s footprint in high-technology aerial warfare systems. The showcase at Bangkok signals India's intent to strengthen defence exports and advance tactical unmanned systems for both domestic and global security challenges.

Lockheed's C-130J leads India's 80-unit MTA tender with local content promise. SHARE

15-Nov-25

Lockheed Martin's C-130J Super Hercules is emerging as the frontrunner for India's procurement of up to 80 Medium Transport Aircraft (MTA), valued at $6 to $8 billion, aimed at replacing the aging Antonov An-32 fleet in the Indian Air Force (IAF). The aircraft's proven reliability, along with the IAF's extensive experience operating 12 C-130Js since 2011, positions it favorably against competitors like Embraer's C-390 and Airbus's A400M. Lockheed's commitment to local manufacturing through Tata Advanced Systems Limited, promising over 30% local content, aligns with India's "Make in India" initiative. The successful bid is crucial for enhancing India's tactical airlift capabilities, vital for border logistics and humanitarian operations.

HAL considers using SaM146 engine for Superjet 100 over PD-8 due to reliability issues. SHARE

15-Nov-25

Hindustan Aeronautics Limited (HAL) is contemplating the use of the original French-Russian PowerJet SaM146 engine for the Indian-manufactured Sukhoi Superjet 100 to enhance reliability for local airlines, diverging from Russia's domestically-produced PD-8 engine. This strategic decision follows a significant MoU with Russia's United Aircraft Corporation, marking India's first full-scale civilian jet production since 1988, catering to domestic needs and regional connectivity. The SaM146's established track record offers operational advantages and cost reductions, while a dual-use potential could attract interest from the Indian Air Force for military adaptations. This initiative reflects India's commitment to self-reliance in aviation through domestic manufacturing and technological resilience amid geopolitical challenges.

Geopolitics and Security Alliances

Indian Navy Chief, US Command reaffirm commitment to a free Indo-Pacific region. SHARE

15-Nov-25

Indian Navy Chief Admiral Dinesh K. Tripathi met with senior US military officials, including Admiral Samuel J Paparo, to enhance maritime cooperation between India and the United States. Their discussions focused

on deepening defense ties, strengthening maritime security, enhancing interoperability, and improving responses to humanitarian and disaster relief operations. They reviewed collaborative mechanisms like the Indo-Pacific Maritime Domain Awareness and explored coordination in emerging domains such as cyber and space-enabled operations. This visit underscores the enduring partnership between the Indian and US navies, reinforcing their commitment to a free, open, and rules-based Indo-Pacific region, which is crucial for maintaining stability and security in the area.

Afghanistan boosts trade via Chabahar port amid Pakistan tensions. SHARE

15-Nov-25

Afghanistan is increasingly turning to trade routes through Iran and Central Asia, particularly the Chabahar port developed by India, as tensions with Pakistan escalate. Recent reports indicate that trade with Iran has outpaced that with Pakistan, reaching $1.6 billion compared to $1.1 billion, due to the closure of border crossings which has caused significant daily losses for traders. Afghan Foreign Minister Amir Khan Muttaqi emphasized the importance of Chabahar as a reliable link to the Arabian Sea, advocating for negotiations to enhance trade despite US sanctions. This shift reflects Afghanistan's strategic pivot towards diversifying its trade dependencies while aiming to bolster its agricultural exports amid a challenging economic climate.

India criticizes Pakistan's UNSC Taliban sanctions role, citing conflicts of interest. SHARE

15-Nov-25

India has criticized Pakistan's role as chair of the UN Security Council's committee on Taliban sanctions, highlighting inherent conflicts of interest due to Pakistan's support for terrorist groups. India's Permanent Representative, P Harish, emphasized the need for transparency and objectivity in committee leadership selections, arguing that decisions affecting global security should not be shrouded in secrecy. He pointed out that Pakistan's co-chairing of the counter-terrorism panel conflicts with its provision of safe havens for sanctioned terrorists. Harish's remarks suggest that India's call for reform in UNSC operations is vital for enhancing accountability and efficiency, particularly against the backdrop of ongoing regional security challenges linked to terrorism and political interests.

Oil prices surge amid escalating geopolitical tensions involving Russia and Iran. SHARE

15-Nov-25

Oil prices rose as geopolitical tensions escalated, particularly following Ukraine's drone attacks on Russian oil infrastructure and Iran's seizure of a tanker near the Strait of Hormuz. West Texas Intermediate increased by 2.4%, reflecting concerns over the potential disruptions to oil flows, which are critical given that about 20% of global oil passes through this chokepoint. The situation is compounded by impending U.S. sanctions against major Russian oil firms, which are expected to further influence market dynamics. Analysts suggest that these developments highlight the fragile nexus between energy security and geopolitical stability, underscoring the intricate relationship between military actions and global oil supply.

White House memo claims Alibaba supported Chinese military targeting U.S. SHARE

15-Nov-25

A White House memo alleges that Alibaba provided technological support to the Chinese military, enabling operations against U.S. targets, as reported by the Financial Times. The memo claims Alibaba offered the PLA access to customer data and AI services, raising concerns about cybersecurity risks to American infrastructure. U.S. lawmakers have called for action against Alibaba, reflecting ongoing fears regarding China's military-civil fusion strategy and its potential to compromise U.S. security. In response, Alibaba has categorically denied these allegations, framing them as attempts to malign the company, while Beijing condemned the accusations as distortions of fact. This development underscores the increasing scrutiny of Chinese technology firms amid heightened tensions between the U.S. and China.

Trump officials discuss military options in Venezuela amid rising tensions. SHARE

15-Nov-25

Senior officials in the Trump administration have convened multiple meetings to deliberate potential military operations in Venezuela, amidst a significant U.S. military buildup in the Caribbean, including the deployment of F-35 aircraft and a nuclear submarine. President Trump hinted at imminent decisions regarding military action, attributing Venezuela's situation to its alleged ties to drug trafficking. Despite

the escalation, U.S. voter support for military intervention remains low, as indicated by recent polling. Meanwhile, tensions have been exacerbated between the U.S. and Colombia, with both leaders exchanging harsh rhetoric, reflecting broader implications for regional stability and Washington's approach to Latin American affairs.

Russian drills with Myanmar in Andaman Sea raise India's maritime security concerns.

SHARE

15-Nov-25

Russian naval forces, including the frigate Marshal Shaposhnikov and the corvette Gremyashchiy, are conducting joint exercises named MARUMEX 2025 with Myanmar in the Andaman Sea, a region crucial to India's maritime security. This collaboration, which includes anti-submarine warfare and counter-terrorism operations, raises concerns in New Delhi regarding the increasing foreign military presence in its maritime neighborhood, particularly in light of China's expanding influence in Myanmar. The timing of these drills, amid Myanmar's civil conflict, highlights Russia's strategic positioning in Asia and its effort to foster deeper defense ties with the junta. For India, this underscores the urgency to enhance coastal surveillance and maintain strategic maritime awareness to counter potential threats in the Indo-Pacific region.

India on alert over Pakistan's covert drone tech deal in Europe.

SHARE

15-Nov-25

Pakistan has reportedly secured a covert technology transfer deal with a European firm to enhance its drone warfare capabilities, focusing on medium-altitude long-endurance (MALE) unmanned aerial vehicles. The agreement, involving Heavy Industries Taxila (HIT), aims to facilitate licensed production and assembly of advanced drones, potentially including composite airframes, satellite communication links, and ground control stations. These systems are designed for extended endurance, high payload capacity, and precision strike missions, with capabilities for persistent intelligence, surveillance, and reconnaissance. The move follows Pakistan's intensified outreach to foreign drone manufacturers after recent cross-border operations, signaling a strategic shift toward indigenizing sophisticated unmanned platforms. This development is seen as a significant leap in Pakistan's military modernization, aligning with broader efforts to integrate AI-enabled autonomy and networked battle management systems into its operational doctrine.

Military Operations

IAF joins French Air Force in Garuda 25 bilateral exercise.

SHARE

15-Nov-25

The Indian Air Force (IAF) is currently participating in the 8th edition of the bilateral air exercise 'Garuda 25' with the French Air and Space Force (FASF) at Mont-de-Marsan, France, from November 16 to 27, 2025. The IAF contingent, which arrived on November 10, is utilizing Su-30MKI fighter aircraft, with logistical support provided by C-17 Globemaster III for airlift operations and IL-78 air-to-air refuelling tankers to enhance the fighters' operational range. During this exercise, the IAF will engage in complex simulated air combat scenarios alongside French multirole fighters, focusing on air-to-air combat, air defense, and joint strike operations. This collaboration not only aims to refine tactical procedures in a realistic operational environment but also fosters interoperability, professional interaction, and the exchange of operational knowledge between the two air forces, reinforcing India's commitment to strengthening defense ties with key allies.

Indian Army's Sapta Shakti Command conducts major combat exercise in Thar Desert.

SHARE

15-Nov-25

The Indian Army's Sapta Shakti Command has successfully conducted a large-scale combat exercise at the Mahajan Field Firing Range in the Thar Desert, aimed at enhancing war preparedness and operational capabilities. This exercise, led by the Ranbankura Division, focused on refining tactical drills, inter-arms coordination, and the integration of different units under challenging battlefield conditions. Key aspects included testing soldiers' endurance, implementing command-and-control procedures, and utilizing drone technology to improve battlefield readiness. The exercise highlighted the Army's commitment to excellence and adaptability in the face of evolving threats, reflecting a high level of professionalism among the troops, as noted by Lt Gen Manjinder Singh.

Poorvi Prachand Prahar drill showcases Indian forces' joint combat readiness and advanced technology. SHARE

15-Nov-25

Indian armed forces showcased their operational readiness through Exercise Poorvi Prachand Prahar, a comprehensive joint combat drill in the eastern theatre that highlighted multi-domain warfare capabilities. This high-altitude, all-terrain operation involved seamless integration of the Army, Air Force, Navy, and ITBP, demonstrating advanced technologies such as swarm drones and unmanned aerial systems for real-time surveillance and precision targeting. Elite units, including Special Forces and MARCOS, significantly enhanced the exercise's effectiveness, emphasizing the importance of tri-service interoperability and rapid mobilization. The successful execution of this exercise underscores India's commitment to safeguarding its northern borders against emerging threats and reflects a strategic shift towards a technology-driven defensive posture in complex operational environments.

Indian Armed Forces complete Exercise Trishul, enhancing joint operational capabilities across multiple domains. SHARE

15-Nov-25

The Indian Armed Forces successfully concluded Exercise Trishul, a Tri-Services Exercise led by the Indian Navy in collaboration with the Indian Army and Indian Air Force. Conducted in early November 2025 across Rajasthan's deserts, Gujarat's creeks, and the North Arabian Sea, the exercise aimed to enhance joint operational capabilities and validate multi-domain integrated operational procedures. Participation from the Indian Coast Guard and Border Security Force emphasized inter-agency coordination, while the exercise underscored the use of indigenous systems in line with Aatmanirbhar Bharat. This event highlights the Indian Armed Forces' commitment to operational readiness and strengthening national security in response to evolving threats.

US Marines Deploy MQ-9A Drones to South China Sea for Security. SHARE

15-Nov-25

On November 13, 2025, the United States Marine Corps deployed a unit of unarmed MQ-9A Reaper drones to the South China Sea at the request of the Philippine government, aimed at enhancing maritime security amid rising tensions with China. This temporary deployment, which reflects a commitment to a free and open Indo-Pacific, is designed to improve surveillance capabilities and bolster Philippine intelligence against aggressive actions by Chinese vessels. The increased US military presence and infrastructure investments in the region underscore strategic cooperation with Manila, which is crucial for maintaining stability and ensuring freedom of navigation in contested waters. India's interests in upholding regional security are emphasized, as collective deterrence plays a significant role in countering unilateral aggression in vital maritime corridors.

US Navy conducts salvage operation after South China Sea aircraft crashes. SHARE

15-Nov-25

On October 26, 2025, two US Navy aircraft, a MH-60R Sea Hawk helicopter and an F/A-18F Super Hornet, crashed while operating from the USS Nimitz in the South China Sea, prompting a salvage operation involving the USNS Salvor. Fortunately, all five crew members were rescued and are in stable condition. The crashes occurred amid escalating regional tensions, underscoring the operational risks inherent in this contested area, which is vital to both US military strategy and India's maritime interests. The US Navy's investigation into the causes, which may involve mechanical failure or human error, reflects its commitment to maintaining operational readiness and technological superiority in the Indo-Pacific region.

Lt Gen RC Tiwari Reviews Eastern Command's Readiness on Northern Borders SHARE

15-Nov-25

Lt Gen RC Tiwari, the Army Commander of the Eastern Command, recently assessed operational readiness along India's Northern Borders during a visit to Spear Corps in Arunachal Pradesh. He received briefings on the current operational stance and ongoing joint training exercises with the Indian Air Force and the Indo-Tibetan Border Police, underscoring improved coordination and advanced border management technologies. Tiwari commended the troops for their professionalism and stressed the importance of vigilance and integration of new technologies to address emerging threats. Additionally, he launched a YouTube channel, Siyom Tales, to celebrate local culture and strengthen ties between the Army and the community, reflecting the Eastern Command's commitment to operational readiness and community engagement.

IAF Sends Sukhoi-30 MKI Jets for Joint Exercise with France SHARE

15-Nov-25

The Indian Air Force (IAF) has deployed Sukhoi-30 MKI jets for a 12-day joint wargame, dubbed Garuda, with the French Air Force, which commenced on November 10 in France. This deployment underscores India's commitment to enhancing its defense capabilities and strengthening bilateral ties with France, a key strategic partner. The exercise aims to bolster interoperability and facilitate the exchange of tactics and techniques between the two air forces, reflecting India's ongoing efforts to modernize its military and engage in collaborative defense initiatives. Such exercises are pivotal in addressing regional security challenges and demonstrate India's proactive approach in fostering international defense partnerships.

Terrorism and Counterterrorism

NIA arrests Haryana MBBS student for alleged terror links in West Bengal. SHARE

15-Nov-25

The National Investigation Agency (NIA) has recently apprehended an MBBS student from Al-Falah University, Janisur Alam, in West Bengal for purported connections to terror groups following the deadly blast near the Red Fort in Delhi, which resulted in thirteen fatalities. His arrest, occurring during a return trip from a family wedding, involved surveillance through mobile location data, although specifics regarding his alleged involvement remain undisclosed. Concurrently, two doctors from the same university—Mohammad and Mustakim—were detained in connection with a broader terror module, reportedly linked to the driver of the vehicle that detonated near the Red Fort. The investigation has uncovered that the doctors maintained contact with other arrested individuals and included inquiries into a third faculty member, Dr. Shaheen Sayeed, whose recent passport application is under scrutiny for potential ties to the group's activities. This situation underscores the alarming integration of educated professionals in terror-related networks, raising concerns about the misuse of academic institutions for facilitating recruitment and logistical support in terror operations, thus posing significant challenges to national security.

Delhi Police detain two Al Falah University doctors in terror probe. SHARE

15-Nov-25

Delhi Police have detained three individuals, including two doctors from Al Falah University, as part of an ongoing terror investigation linked to a recent car blast near the Red Fort. The authorities are alarmed by the doctors' connections to a suspect associated with the incident, raising concerns about their potential involvement. This development not only highlights the challenges faced by law enforcement in counter-terrorism efforts but also underscores the need for vigilance in academic institutions. The case reflects the broader implications of domestic security threats and the importance of collaboration between various sectors to prevent radicalization and ensure public safety.

Security operations in Kashmir lead to numerous detentions linked to terrorism after Red Fort blast. SHARE

15-Nov-25

The intensified security operations in the Kashmir Valley, particularly in Baramulla and Shopian, have led to the detention of several individuals linked to subversive networks. Authorities conducted sixteen cordon and search operations (CASOs), identifying and detaining six individuals associated with over ground workers, while two were held under preventive detention laws. The operations aimed to dismantle logistical support for terrorist activities, with searches extending to properties linked to the banned Jamaat-e-Islami and the Jammu and Kashmir Nationals Operating from Pakistan. These measures reflect a strategic approach to reinforce public order and disrupt financing for terrorism, underscoring the ongoing commitment of Indian security forces to maintain stability in the region.

Gujarat ATS arrests Gurpreet Singh for arms smuggling linked to Pakistan gang. SHARE

15-Nov-25

The Gujarat Anti-Terrorism Squad (ATS) arrested Gurpreet Singh, alias Gopi Billa, from Halol town in Panchmahal district on November 14, 2025, based on intelligence from the Punjab Police. Singh is wanted for his involvement in smuggling arms and grenades for a Pakistan-based terror network linked to ISI, aimed at executing grenade attacks in densely populated areas of Punjab and other states. The probe revealed

masterminds Manu Agwan and Maninder Billa, currently in Malaysia, recruiting operatives in Punjab under ISI's direction to spread terror. Singh, who was working as a factory laborer, confessed during interrogation to smuggling two grenades and two pistols for the planned attacks. He will be handed over to Punjab Police for further action. This operation highlights critical cross-state counter-terror cooperation and ongoing threats posed by foreign-backed terrorism to India's internal security.

Accidental blast at Kashmir police station kills nine, injures 27. SHARE

15-Nov-25

A blast at the Nowgam police station in Indian Kashmir resulted in the deaths of at least nine individuals, including police officers and government officials, with 27 others injured. The explosion, caused by a pile of confiscated explosives during forensic examination, was deemed accidental by Nalin Prabhat, the regional police chief, who indicated no militant involvement. This incident follows a recent car blast in New Delhi attributed to terrorism, underscoring the volatile security situation in the region. The ongoing tensions between India and Pakistan over Kashmir further complicate the safety landscape, emphasizing the need for heightened vigilance and effective counter-terrorism measures in the area.

Cybersecurity and Information Warfare

AI cyberattack by Chinese group exploited Anthropic's Claude Code tool, targeting global entities. SHARE

15-Nov-25

AI company Anthropic has reported a sophisticated AI-led cyber espionage campaign allegedly conducted by a Chinese state-sponsored group, which manipulated its Claude Code tool to infiltrate around thirty global targets, including major tech firms, financial institutions, and government agencies. The attack, significant for its high autonomy—performing 80-90% of tasks without human intervention—was detected in mid-September and involved an unprecedented attack speed of thousands of requests per second. While the attack was not flawless due to AI inaccuracies, it underscores the rising threat of AI in cyber warfare, prompting Anthropic to emphasize the dual-use nature of AI technologies for both offense and defense. This incident highlights critical cybersecurity implications as AI capabilities evolve, necessitating enhanced defensive measures.

AI-generated phishing emails become more convincing, raising cybersecurity concerns. SHARE

15-Nov-25

The emergence of AI-driven phishing attacks, termed "Deepphish," has raised significant concerns among cybersecurity experts, as attackers now utilize sophisticated algorithms to create convincing fraudulent emails. By gathering personal information from social networks and online forums, these AI tools generate realistic sender addresses and tailored content, enhancing their effectiveness significantly. The alarming success rates of these attacks, which can exceed 36%, indicate a troubling evolution in cybercrime where traditional antivirus measures struggle to keep pace. This development underscores the urgent need for enhanced cybersecurity protocols and public awareness to combat increasingly sophisticated threats targeting individuals and organizations alike.

CERT-In warns Apple users of critical vulnerabilities; update devices immediately for safety. SHARE

15-Nov-25

India's Computer Emergency Response Team (CERT-In) has issued a high-severity advisory regarding significant vulnerabilities affecting a range of Apple devices, including iPhones, iPads, and various macOS versions. The flaws, linked to critical components like the Kernel and WebKit, pose serious risks such as data theft, privilege escalation, and potential full system compromises. CERT-In emphasizes the urgency for users and organizations to update their devices to the latest software versions to mitigate these risks and recommends enabling automatic updates and installing apps only from trusted sources. This advisory underscores the importance of maintaining cybersecurity, especially for organizations relying on Apple hardware for operations.

India's GPS interference NOTAM signals escalation in electromagnetic warfare near Mumbai. SHARE

15-Nov-25

India has issued successive NOTAMs warning of GPS interference or signal loss over critical airspaces in Delhi, Mumbai, and most recently Kolkata, from November 6 through 17, 2025. These alerts follow disruptions in aviation navigation caused by advanced

GPS spoofing and jamming, prompting the Directorate General of Civil Aviation (DGCA) to mandate real-time reporting of anomalies within 10 minutes. The incidents, under investigation by the National Security Advisor's office and the Indian Air Force, signify a marked escalation in electromagnetic warfare against India, reflecting coordinated attempts to undermine national security and aviation safety across major metropolitan and strategic zones. This evolving challenge intersects with India's broader efforts to enhance electronic warfare capabilities, including advanced signal intelligence systems, as part of its multi-domain defense preparedness. The GPS interference acts as a warning of grey-zone tactics by adversaries, necessitating heightened vigilance and fortified resilience in India's electromagnetic spectrum defenses.

India's Digital Personal Data Protection Rules to launch in phases over 12-18 months. SHARE

15-Nov-25

The Indian government has announced the Digital Personal Data Protection Rules 2025, set for phased implementation over 12-18 months, aimed at enhancing citizen control over personal data and privacy. These rules, which follow the recognition of the Right to Privacy as a fundamental right by the Supreme Court in 2017, will establish a Data Protection Board empowered to impose penalties for data breaches while incorporating a graded penalty system to safeguard small businesses. Key provisions include mechanisms for individuals to report unauthorized data usage and protections against spam calls, while exemptions apply in cases involving legal enforcement and certain government-related data processing. This development underscores India's commitment to robust data governance amidst increasing digitalization.

Mil Personnel & Veterans

J-K Army's White Knight Corps partners for enhanced medical support. SHARE

15-Nov-25

In a significant move to enhance medical readiness during hostile situations, the White Knight Corps of the Indian Army signed a Memorandum of Understanding (MoU) with Acharya Shri Chander Medical College & Hospital in Jammu. This agreement aims to establish a comprehensive medical support system for both military personnel and civilians, focusing on critical resources such as emergency surgical facilities, blood transfusion capabilities, and specialized medical care including cardiology and neurosurgery. By pooling their expertise and resources, the institutions seek to ensure uninterrupted healthcare services even in times of conflict, thereby bolstering national security and safeguarding the lives of those serving the nation. This collaboration exemplifies a proactive approach to preparing medical infrastructure for challenging scenarios.

CISF strengthens force with over 11,000 personnel inducted in one day. SHARE

15-Nov-25

More than 11,000 personnel, including 1,896 women, were inducted into the Central Industrial Security Force (CISF) on a single day, significantly enhancing the force's operational strength by 8%. This recruitment comes at a vital time as the CISF secures key national infrastructure, including the recently established Jewar Airport and Navi Mumbai Airport. With the current strength of approximately 1.70 lakh, the induction addresses manpower needs for critical installations, ensuring robust security for both government and private sectors. Established in 1969, the CISF plays an essential role in safeguarding vital assets, reflecting the Indian government's commitment to enhancing national security and infrastructure protection.

Miscellaneous

Sarang Helicopter Team's first aerobatic display inspires Silchar youth and showcases indigenous capabilities. SHARE

15-Nov-25

The Sarang Helicopter Display Team of the Indian Air Force captivated audiences in Silchar with a breathtaking aerobatic performance, marking the team's first-ever display in the region. Featuring indigenous Advanced Light Helicopters, the event not only showcased the pilots' precision flying skills but also emphasized the IAF's commitment to inspiring youth, particularly young girls, to consider careers in defense. The team performed various intricate formations, each symbolizing themes of national pride and self-reliance, while engaging with local schoolchildren and emphasizing the importance of hard work and determination. This event reflects the IAF's

broader strategy of community engagement and the promotion of indigenous capabilities, reinforcing the essence of Atmanirbharta in India's defense sector.

Northeast contributions to Indian military history celebrated at festival.

SHARE

15-Nov-25

The Indian Military Heritage Festival (IMHF) recently took place in New Delhi, emphasizing the significant yet often overlooked contributions of the Northeast region in World War II, particularly during the battles of Imphal and Kohima. Hosted by the United Service Institution of India, the festival highlighted narratives that counter the colonial British portrayal of Indian military history, which sought to diminish Indian valor. Notable discussions included insights from writers Gautam Hazarika and Sima Saigal, as well as a conversation featuring journalist Rajeev Bhattacharyya and Lieutenant General Vikas Lakhera, focusing on the strategic importance and future prospects of the Northeast. This event plays a crucial role in reclaiming and documenting India's military legacy and fostering national pride.

Foreign Service Attaches visit Southern Naval Command to enhance maritime cooperation and showcase Indian naval capabilities.

SHARE

15-Nov-25

A delegation of 48 Foreign Service Attaches (FSAs) from various countries accredited to India visited the Southern Naval Command (SNC) in Kochi, where they were briefed on the Indian Navy's diverse operational roles and advanced training methodologies. The FSAs participated in a "Day at Sea" aboard the indigenously developed NOPV INS Sunayna and the survey vessel INS Ikshak, witnessing naval evolutions and flying operations. This visit, organized by HQ IDS, aimed to enhance understanding and cooperation among the nations, reflecting India's commitment to maritime partnership and its role in regional security. Such engagements not only showcase India's naval capabilities but also strengthen diplomatic ties through mutual knowledge sharing and professional interaction.

ISRO′s Chandrayaan-3 module achieves unexpected success in deep-space exploration.

SHARE

15-Nov-25

India's Indian Space Research Organisation (ISRO) has transformed the Chandrayaan-3 propulsion module into a valuable scientific asset, achieving unplanned deep-space flybys after its primary mission concluded. Following a successful soft landing on the Moon, ISRO executed a novel TransEarth Injection maneuver, allowing the module to enter an elongated orbit influenced by both Earth and the Moon. This innovative approach has provided essential data on gravitational interactions and disturbance torques, setting a precedent for future lunar and interplanetary missions. The successful utilization of existing assets showcases India’s technical capabilities and strategic foresight in space exploration, reinforcing its position as a key player in the evolving landscape of deep-space science and technology.

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