



Defence Professionals News & Analysis

September 28, 2025 | Day 271

Defense Business and Industry

Indian Navy to Acquire 4 Indigenous Amphibious Warships to Counter China



28-Sep-2025

The Indian Navy is poised to significantly enhance its maritime capabilities with the forthcoming acquisition of four indigenous Landing Platform Docks (LPDs) as part of its ambitious Multi-Role Support Vessel (MRSV) program, with an estimated budget of 80,000 crore (approximately USD 10 billion). This strategic initiative, anticipated to be announced shortly, underscores India's commitment to modernizing its amphibious warfare capabilities in response to the evolving security challenges in the Indian Ocean Region, particularly from China. The vessels, which will be constructed by prominent Indian shipbuilders in collaboration with international defense firms, are designed to function as versatile operational platforms capable of deploying troops, vehicles, and advanced naval drones for surveillance and combat purposes. With a focus on indigenous production aligned with the 'Make in India' initiative, this project not only aims to bolster India's defense manufacturing ecosystem but also seeks to improve joint operational capabilities with the Indian Army and Air Force. The broader significance lies in enhancing India's strategic autonomy and maritime power, positioning it as a formidable player on the global naval stage while addressing operational gaps identified in audits and assessments of current capabilities.

GTRE Plans to Convert Two Su-30 MKIs for Engine Testing



28-Sep-25

In a pivotal step toward enhancing India's military aviation capabilities, the Gas Turbine Research Establishment (GTRE) has proposed converting two Sukhoi Su-30 MKI fighter jets into flying testbeds. This

initiative aims to accelerate the indigenous development and certification of the Kaveri turbofan engine, which has faced challenges in achieving adequate thrust for frontline operations. By utilizing the Su-30 MKI, a robust platform with a proven track record, GTRE plans to gather real-time performance data on the engine and its components during actual flight, thus bridging the gap between laboratory tests and operational conditions. This approach not only boosts the Kaveri's prospects for integration into unmanned aerial vehicles but also lays the groundwork for future indigenous engines, supporting India's broader strategic objectives of self-reliance in defense manufacturing. The initiative, however, faces financial and institutional hurdles, requiring support from the Indian Air Force and the Ministry of Defence to ensure successful long-term execution. Ultimately, if successful, this project could significantly reduce India's dependence on foreign military technologies, solidifying its position in the global defense industrial landscape and contributing to the development of next-generation stealth fighters.

INS Aridhaman to Commission in Early 2026, Strengthening Naval Deterrence



28-Sep-25

India's defense capabilities are set for a significant upgrade with the anticipated commissioning of the INS Aridhaman, the third nuclear-powered ballistic missile submarine (SSBN) scheduled for early 2026. Facing delays due to the complexities of integrating advanced systems, the 7,000-tonne vessel, a part of the Advanced Technology Vessel (ATV) project, will enhance India's sea-based nuclear deterrence, bolstering its no-first-use policy amid rising maritime tensions in the Indo-Pacific. Concurrently, the Indian Navy is advancing Project-77, aimed at developing six nuclear-powered attack submarines (SSNs), equipped with a next-generation sonar system under development by the Defence Research and Development Organisation (DRDO). This new sonar suite aims to surpass the capabilities of the existing USHUS-2 system, providing superior detection and tracking of underwater threats, crucial for anti-

submarine warfare and intelligence operations. The integration of indigenous technology aligns with India's self-reliance goals and positions it to export advanced defense equipment. These developments reflect India's commitment to enhancing its maritime strength and ensuring robust deterrence in a complex regional security environment, ultimately contributing to national security and stability in the Indian Ocean Region.

ADA Showcases Early Composite Panels for AMCA Program



28-Sep-25

In a significant advancement for India's Advanced Medium Combat Aircraft (AMCA) program, the Aeronautical Development Agency (ADA) recently showcased early composite panels designed for the nation's fifth-generation stealth fighter. These panels, developed in collaboration with private firms, feature a high composite content aimed at enhancing fuel efficiency and reducing radar signatures. The AMCA program, initiated in May 2025, anticipates its first prototype flight by 2029. This progress is crucial as India seeks to bolster its aerial combat capabilities amid regional threats, particularly from advanced Chinese aircraft. The successful development of these panels not only reflects India's growing expertise in aerospace materials but also underscores the potential for a thriving domestic defense ecosystem, enhancing national security and technological self-reliance.

U.S. Plans Next-Gen Cargo Aircraft, Challenges for Indian Air Force



28-Sep-25

The U.S. Air Force is advancing plans for a Next Generation Airlift (NGAL) platform, set to replace the C-17 and C-5 fleets by the mid-2040s, presenting challenges for the Indian Air Force (IAF), which operates the world's second-largest C-17 fleet. The IAF, having acquired 11 C-17s for critical missions, had hoped to revive production but now faces rising sustainment costs without domestic heavy-lift alternatives. As the USAF consolidates its platforms to enhance efficiency and reduce lifecycle costs, India might consider second-hand C-17s or alternatives like Airbus A400M, although the operational requirements in high-altitude regions complicate such transitions. This development underscores the evolving dynamics of Indo-U.S. defense relations amidst global competition, necessitating a recalibration of India's long-term airlift strategy.

ICEYE Proposes Advanced SAR Tech to Enhance India's Defense Capabilities



28-Sep-25

ICEYE, the Finnish satellite company, has proposed deploying its advanced Gen4 synthetic aperture radar (SAR) technology in India, a move poised to enhance the country's defense and disaster management capabilities amid growing regional security challenges. The Gen4 satellites, equipped with high-resolution imaging capabilities of up to 16 cm, are designed for large-area surveillance and can capture up to 500 images daily, crucial for monitoring military activities and natural disasters. This collaboration aligns with India's push for indigenous space capabilities, as seen in the government's investment of Rs 10,000 crore in space defense by 2030, while also addressing concerns about surveillance from rival nations. ICEYE's turnkey solution promises a rapid deployment timeline, fostering public-private partnerships and bolstering India's strategic space assets.

DRDO Seeks Industry Input for Reusable HEAT Development to Boost IAF Training



28-Sep-25

The Defence Research and Development Organisation (DRDO) has issued a Request for Information (RFI) to the Indian industry for the design and development of a reusable High Speed Expendable Aerial Target (HEAT) to enhance the Indian Air Force's training capabilities. This initiative, part of the Atmanirbhar Bharat scheme, seeks innovative solutions to key challenges such as durable recovery systems and advanced guidance technologies, aiming for 60-70% indigenous content. The project responds to the increasing need for sophisticated aerial threat simulations against advanced adversaries, ultimately reducing dependence on costly foreign models and enhancing pilot proficiency and surface-to-air weapon evaluations. This move underscores India's commitment to self-reliance and bolstering its defense ecosystem through collaboration with the private sector and academia.

GTRE Advances Indigenous 90kN Jet Engine for Tejas MkII Program



28-Sep-25

The Gas Turbine Research Establishment (GTRE) is advancing plans for an indigenous 90kN jet engine to enhance the Tejas MkII program, supported by Godrej Aerospace. GTRE aims to boost the current Kaveri Dry

Engine (KDE) thrust from 49kN to 60kN through extensive upgrades to 56 modules, with a focus on optimizing air compression and high-pressure turbine cooling. This engine is designed for India's unique climatic conditions, promising stable performance without the thrust degradation seen in imported engines like the F-414. The initiative aligns with India's self-reliance strategy in defense technology and is expected to significantly bolster the combat capabilities of the Tejas MkII, enhancing maneuverability and supercruise capabilities, thus reinforcing India's defense posture.

Indian Army Develops UGVs as Autonomous Anti-Drone Systems SHARE

28-Sep-25

The Indian Army is exploring the use of unmanned ground vehicles (UGVs) as autonomous anti-drone systems to enhance defenses against drone swarms, especially following lessons learned from the recent conflict with Pakistan in May 2025, termed Operation Sindoor. This conflict, which involved a significant drone battle, revealed vulnerabilities in static air defenses against sophisticated drone incursions. To address these challenges, the Army aims to develop UGVs that can autonomously engage hostile drones, forming dynamic defensive grids around critical assets. The initiative aligns with India's push for indigenous military solutions, incorporating artificial intelligence for enhanced operational effectiveness and resilience against electronic warfare, reflecting a proactive adaptation to evolving battlefield dynamics.

India to Add 2 Rafale Squadrons Using Existing Infrastructure SHARE

28-Sep-25

In a significant boost to India's aerial capabilities, the Indian Air Force (IAF) can induct two additional Rafale squadrons leveraging existing infrastructure without incurring new costs. This move comes as the IAF faces a decline in its fighter fleet, projected to drop to 29 squadrons by 2025. The Rafale has already shown its effectiveness in operations such as Operation Sindoor, and the proposed addition aligns with the Atmanirbhar Bharat initiative by promoting local assembly through partnerships with Indian firms. The strategic enhancement not only addresses squadron shortages but also strengthens deterrence against potential threats from China and Pakistan, particularly amid concerns over Chinese support for Pakistan's military advancements.

HAL Aims for IMRH Certification by 2031 to Replace Mi-17 Fleet SHARE

28-Sep-25

In a significant advancement for India's defense aviation, Hindustan Aeronautics Limited (HAL) aims to certify the Indian Multi-Role Helicopter (IMRH) by 2031, which will replace the aging Mi-17 fleet of the Indian Air Force and Army. The IMRH, a 12-ton medium-lift helicopter, promises enhanced capabilities, including an Indo-French engine developed with Safran Helicopter Engines, emphasizing India's commitment to indigenization. HAL plans to roll out the prototype by 2028 and initiate flight testing by 2029. With investments of ₹4,000 crore and alignment with the Atmanirbhar Bharat initiative, the IMRH is poised to enhance operational efficiency and reduce reliance on imports, reflecting India's strategic aim to strengthen domestic manufacturing and bolster its defense capabilities.

Indigenous Aero-Engines Essential for India's Aircraft Sovereignty SHARE

28-Sep-25

Dr. K. Rajalakshmi Menon, Director General of Civil Aviation (DG-Aero), emphasized the critical need for indigenous high-thrust engines to achieve true technological sovereignty in India's defense aviation sector. She pointed out that while significant advancements have been made in airframes and weapon systems, the lack of domestic engine production remains a vulnerability, tethering India to foreign suppliers. The development of a high-thrust engine for the Advanced Medium Combat Aircraft (AMCA) is a priority, with potential benefits cascading to other platforms like Tejas MkII. To ensure success, a robust domestic procurement strategy, establishment of testing facilities, and increased private sector involvement under the Aatmanirbhar Bharat initiative are essential, which could mirror the growth seen in India's missile programs.

MoD Confirms Sudarshan Chakra's Near-Space Weapons for IAF SHARE

28-Sep-25

The Indian Ministry of Defence has confirmed that the Mission Sudarshan Chakra will include near-space weapons, marking a strategic advancement in India's defense capabilities. This initiative aims to enhance the Indian Air Force's offensive and defensive operations through the integration of high-altitude interceptors and precision strike systems, positioning India as a formidable player in multi-domain warfare. Chief of

Defence Staff General Anil Chauhan highlighted that this capability could redefine air superiority and deter threats from regional adversaries, particularly China and Pakistan. Despite challenges such as cybersecurity risks and the technology's developmental stage, successful implementation of Sudarshan Chakra could establish India as a space sentinel in Asia, reflecting its commitment to Aatmanirbhar Bharat and indigenous innovation in defense.

DRDO To Create Advanced Legged Robotics for Space Missions SHARE

28-Sep-25

The Defence Research and Development Organisation (DRDO) of India is set to develop advanced legged robotics for in-orbit applications, aiming for completion by 2027. These robotic systems will enhance mobility in zero-gravity environments for tasks such as satellite servicing, debris removal, and on-orbit assembly, thereby reducing reliance on human missions. With a focus on autonomous operations and advanced sensing technologies, the initiative aligns with India's goal of self-reliance in aerospace. Moreover, the dual-use potential of these robots extends to military applications, where they could enhance reconnaissance and logistics in challenging terrains. This development signifies a strategic leap for India in both space technology and defense capabilities, reinforcing its position in emerging global aerospace and military dynamics.

Lt Gen Adosh Kumar on Op Sindoor and Artillery Modernization SHARE

28-Sep-25

In an exclusive interview, Lt Gen Adosh Kumar, head of the Indian Army's Artillery Division, discussed Operation Sindoor, highlighting India's success in neutralizing Pakistan's weaponry using indigenous artillery systems. He emphasized a paradigm shift in India's military strategy towards proactive, multi-domain, and high-precision operations, advocating for increased investments in R&D and the development of loitering munitions and modernized artillery. The need for enhanced surveillance capabilities and adaptable training methodologies to align with technological advancements was also underlined. This focus on self-reliance and modern warfare tactics reflects India's commitment to strengthening its defense posture amid evolving geopolitical challenges, positioning itself as a formidable power in the region.

HAL to Deliver 12 Tejas Mk 1A Jets to IAF by FY26 End SHARE

28-Sep-25

Hindustan Aeronautics Limited (HAL) is set to deliver 12 Tejas Mk 1A fighter jets to the Indian Air Force (IAF) by the end of FY26, as confirmed by HAL's Chairman D K Sunil. The recent order for 97 additional Tejas Mk 1A aircraft underscores confidence in HAL's capabilities, with a total eventual delivery of 180 units. While addressing supply chain challenges, Sunil emphasized the importance of continuous orders to maintain global aerospace engagement. Looking ahead, the LCA Mk 2 is expected to debut in 2027, featuring enhanced technologies. This development reflects India's commitment to bolstering its indigenous defense production and capabilities, crucial for national security and self-reliance in defense.

Politics

Ladakh Activist Sonam Wangchuk Under Investigation for Pakistan Links SHARE

28-Sep-25

Ladakh Police Chief S. D. Singh Jamwal announced that statehood activist Sonam Wangchuk is under investigation for alleged links to Pakistan, following the arrest of a Pakistani intelligence operative who reported on his protests. Detained under the National Security Act and sent to Jodhpur, Wangchuk is accused of instigating unrest and violating foreign funding regulations, particularly after his attendance at a Pakistan event raised suspicions. Jamwal indicated that Wangchuk's actions, including a hunger strike, disrupted ongoing dialogues between the government and local representatives, resulting in violence and casualties. This situation underscores the delicate balance between activism and national security in a region where foreign influence is a pressing concern for India's stability and governance.

Geopolitics and Security Alliances

Russia Affirms Strong Ties with India, Independent of US Relations SHARE

28-Sep-25

Russian Foreign Minister Sergey Lavrov has reaffirmed the strength of India-Russia relations, emphasizing that India's ties with the United States or any other country

are not a benchmark for their partnership. Speaking at the UN General Assembly, Lavrov highlighted that India pursues an independent foreign policy under Prime Minister Narendra Modi, with Russia fully respecting its national interests. He announced that President Vladimir Putin's planned visit to New Delhi in December will address a comprehensive bilateral agenda, including trade, defense, and technology cooperation. Lavrov underscored India's sovereign decision-making regarding energy purchases, particularly in light of continued oil imports from Russia despite U.S. pressure, reflecting India's strategic autonomy. He assured that the India-Russia economic partnership remains secure, and India's choices in international relations are guided by its own interests, which is acknowledged positively by Moscow. This forthcoming visit and ongoing bilateral discussions illustrate the enduring nature of the India-Russia strategic partnership, signifying a commitment to collaboration in the face of global geopolitical challenges and reinforcing New Delhi's position as a stable ally amid shifting alliances. The development is significant as it highlights India's balancing act in navigating complex international relations while maintaining robust ties with Russia.

Shortwave Spectrum Dominated by Chinese Broadcasts Globally as Western Services Retreat



28-Sep-2025

A comprehensive analysis of the shortwave radio spectrum reveals China Radio International (CRI) and China Global Television Network have established near-monopoly control over international airwaves, capitalizing on systematic Western broadcaster withdrawals over the past two decades. The transformation accelerated following major cuts by traditional broadcasters, with BBC World Service eliminating shortwave transmissions in Arabic, Persian, Chinese, Hindi, Bengali, and other languages in 2011, reducing weekly audiences from 180 million to 150 million listeners and cutting 650 jobs. Voice of America faced severe disruption in March 2025 when President Trump's executive order placed over 1,300 employees on administrative leave, though court injunctions in April partially restored operations while significant staff reductions continued. Deutsche Welle ended shortwave broadcasts in German, Russian, Persian, and Indonesian in November 2011, slashing daily broadcast hours from 260 to 55, while Radio Netherlands completely ceased shortwave operations in June 2012. China's strategic expansion utilizes high-power transmitters ranging from 200 to 500 kilowatts

operating from relay stations in Cuba, Albania, and various African locations, providing 24-hour global coverage in over 60 languages while Western frequencies remain largely abandoned. All India Radio maintains significant shortwave presence with broadcasts in 27 languages, representing one of the few non-Chinese international services sustaining comprehensive shortwave operations.

Poland Closes Airspace Amid Russian Strikes; NATO Boosts Baltic Defense



28-Sep-25

Poland has temporarily closed its airspace near the southeastern cities of Lublin and Rzeszow due to "unplanned military activity," following a renewed wave of Russian strikes on Ukraine. The Polish armed forces scrambled aircraft to secure the airspace and protect citizens, characterizing the actions as preventive measures. Concurrently, Ukraine's air force issued nationwide air raid alerts as tensions escalated in the region. This incident marks a significant escalation in the ongoing conflict, with Poland and NATO forces previously engaging directly with Russian drones that intruded into Polish airspace earlier this month. The backdrop of these developments includes a NATO announcement to enhance its Baltic Sea mission through increased air defense capabilities in response to perceived threats, including drone incursions affecting Denmark, Norway, and Germany. The situation underscores the growing military and political tensions in Europe, with Russian officials warning that any aggression towards their country will elicit a decisive response. This scenario emphasizes the urgent need for enhanced defensive measures and cooperation among NATO allies to ensure collective security in the face of escalating threats from Russia.

India Urges End to Conflicts in Ukraine and Gaza at UNGA



28-Sep-25

India's External Affairs Minister S. Jaishankar, addressing the 80th session of the UN General Assembly, called for an end to hostilities in both Ukraine and Gaza, emphasizing the global repercussions of these conflicts. He advocated for collective efforts towards restoring peace, highlighting the responsibility of nations capable of engaging with all parties involved. By reiterating India's commitment to contribute to peace initiatives, Jaishankar underlined the significance of diplomacy in mitigating the humanitarian crises arising from these conflicts. This stance not only

reflects India's growing role on the international stage but also underscores its belief in multilateralism as essential for global stability and cooperation.

Russia Endorses India's Permanent UNSC Seat at UNGA 80 SHARE

28-Sep-25

Russian Foreign Minister Sergey Lavrov has publicly endorsed India's bid for a permanent seat on the United Nations Security Council (UNSC) during the UNGA 80 session. He emphasized the urgent need for UNSC reform to reflect contemporary global realities, supporting India's role as a key player alongside Brazil. This endorsement marks a significant moment, as Russia becomes the first permanent member to explicitly back India's candidature, contrasting with China's cautious stance. Support from nations like Mauritius and Bhutan strengthens India's position, reinforcing its long-standing advocacy for a reformed UNSC that is more representative of today's geopolitical landscape. This development highlights India's growing influence and the broader call for a shift towards a more democratic global governance structure amid evolving international dynamics.

Lavrov: Russia Open to Negotiations to Resolve Ukraine Conflict SHARE

28-Sep-25

At the UN General Assembly, Russian Foreign Minister Sergey Lavrov asserted that Moscow is open to negotiations to resolve the ongoing Ukraine conflict, provided that Russia's security concerns and the rights of Russian-speaking populations in Ukraine are addressed. He criticized NATO's eastward expansion as a primary cause of Russia's security anxiety and dismissed claims of Russian airspace violations by Eastern European nations as provocations. Furthermore, Lavrov condemned Israel's response to the recent Hamas attacks while advocating for Palestinian statehood recognition. He also criticized Western policies regarding Iran, particularly the U.S. strikes on its nuclear facilities, emphasizing the need for diplomatic solutions over coercive measures. This rhetoric underscores the tensions in international relations and highlights Russia's desire to reshape the security dialogue in its favor amidst escalating geopolitical conflicts.

Jaishankar Engages with UN Leaders on Global Cooperation and Security SHARE

28-Sep-25

Indian External Affairs Minister S. Jaishankar met with UN Secretary-General Antonio Guterres and various global leaders during the UN General Assembly, discussing critical geopolitical trends and India's commitment to global cooperation. He reiterated India's support for Guterres' re-election and emphasized strengthening partnerships, particularly with Algeria and Saudi Arabia, while addressing issues in the Middle East. Jaishankar's address highlighted India's principles of self-reliance, self-protection, and self-confidence, asserting a zero-tolerance stance on terrorism and a commitment to robust border defense. This engagement underscores India's proactive role in global peace and security, reflecting its growing influence and responsibility in addressing contemporary international challenges, particularly in geopolitically sensitive regions.

Military Operations

Indian Navy Successfully Mates DSRV with Foreign Submarines in South China Sea Exercise SHARE

28-Sep-25

The Indian Navy has achieved a significant milestone by successfully mating its Deep Submergence Rescue Vehicle (DSRV) with three foreign submarines during the biennial Exercise Pacific Reach (XPR) in the South China Sea. This operation, which took place over three days, demonstrates India's advanced submarine rescue capabilities and its readiness to provide critical services not just for its own fleet but also for allied navies. The DSRVs, supported by Remotely Operated Vehicles (ROVs), showcased their ability to integrate with submarines during simulated distress scenarios, highlighting India's technical proficiency in challenging underwater operations. The exercise, involving participation from more than 40 nations, underscored India's commitment to enhancing interoperability with international forces and reaffirmed its position as a reliable maritime partner in the Indo-Pacific region. This accomplishment not only strengthens India's reputation as a net security provider but also reflects its proactive approach to regional safety and humanitarian response at sea, underscoring the importance of cooperative security frameworks among nations.

Security forces thwart infiltration attempt in J&K, kill 2 terrorists. SHARE

28-Sep-25

In a significant operation on Sunday, joint security forces foiled an infiltration attempt along the Line of Control (LoC) in Jammu and Kashmir's Kupwara district, resulting in the elimination of two terrorists. This operation is part of a broader, revised anti-terror strategy aimed at dismantling the entire ecosystem of terror, including overground workers and financial networks that sustain terrorism in the region. The Indian Army and Border Security Force are maintaining heightened vigilance to thwart infiltration attempts before the winter season. Additionally, the use of anti-drone technology has mitigated the threat posed by drones employed by terrorist outfits in Pakistan for logistical support. This proactive approach underscores India's commitment to securing its borders and combating terrorism effectively.

Russia launches massive drone attack on Ukraine, killing four. SHARE

28-Sep-25

Russia launched a significant aerial assault on Ukraine, deploying nearly 500 drones and over 40 missiles, including advanced Kinzhal hypersonic missiles, resulting in at least four fatalities and numerous injuries. Ukrainian President Volodymyr Zelenskyy condemned the strikes as targeted terror against civilians, underscoring the need for global action against Russia's ongoing aggression. He highlighted the economic dimensions of the conflict, urging international leaders to impose strict measures to cut off Russia's revenue from energy exports. Meanwhile, Russian Foreign Minister Sergey Lavrov stated Moscow remains open to negotiations, contingent on addressing Russia's security concerns and rights of Russian-speaking individuals in Ukraine. This conflict illustrates the enduring geopolitical tensions and the challenges of achieving a peaceful resolution amid escalating hostilities.

IAF's Tejas with Advanced Missiles Set to Transform South Asia's Air Power SHARE

28-Sep-25

The Indian Air Force (IAF) is set to significantly enhance its aerial capabilities with the integration of the domestically developed Astra Mk3 "Gandiva" and European Meteor missiles onto the Tejas Mk1A and upcoming Tejas Mk2 fighter jets. This advancement allows the IAF to engage adversaries from over 340 kilometers away, compelling the Pakistan Air Force

(PAF) to adopt a more defensive posture and potentially retreat deep into its territory, thereby exposing critical military assets. The Tejas platforms, coupled with these advanced munitions, will not only solidify India's air superiority but also create strategic dilemmas for Pakistan, which currently relies on less capable missile systems. This development underscores India's commitment to maintaining a technological edge in the region, thereby reshaping the security dynamics in South Asia.

Chhattisgarh forces dismantle Maoist weapons factory, thwart attack. SHARE

28-Sep-25

In a significant counter-insurgency operation, security forces in Sukma district, Chhattisgarh, dismantled a clandestine Maoist weapons factory, thwarting a potential large-scale attack. Conducted by the Sukma District Force and the elite CoBRA battalion, the operation revealed advanced manufacturing capabilities, including items like grenade launchers and IED components. Superintendent of Police Kiran Chavan confirmed that this raid, part of intensified efforts against Maoist insurgency, highlights the ongoing threat posed by such insurgents, with 249 Maoists reportedly killed this year in Chhattisgarh. This development underscores the government's determination to restore stability in the region, reflecting a strategic victory in the broader fight against Maoism in India.

BSF Launches Search After Suspected Drone Sighted in J-K SHARE

28-Sep-25

The Border Security Force (BSF) initiated a search operation in Samba district, Jammu and Kashmir, after detecting a suspected Pakistani drone hovering over the village of Karalian. Reportedly observed around 6:30 AM, the drone vanished shortly after, prompting BSF personnel to conduct thorough searches in the area to prevent any potential airdrop of weapons or narcotics from across the border. This operation underscores the ongoing vigilance of Indian security forces in safeguarding the International Border and addressing security threats posed by drone activities from Pakistan. The incident highlights the increasing use of drones in cross-border operations, necessitating heightened surveillance and response strategies by Indian defense agencies to bolster national security.

Indian Navy's First Training Squadron Visits Mombasa, Kenya



28-Sep-25

The Indian Navy's First Training Squadron (1TS), comprising INS Tir, INS Sujata, INS Shardul, and ICGS Sarathi, successfully made a port call at Mombasa, Kenya, enhancing maritime collaboration between India and Kenya. The squadron is on a long-range training deployment across the South West Indian Ocean, having previously visited Seychelles, Mauritius, La Reunion, and Mozambique. During the visit, personnel from both navies engaged in professional interactions, joint training activities, and community outreach, including a yoga session and a performance by naval bands. This initiative underscores the spirit of MAHASAGAR, promoting mutual security and growth in the region, and reflects India's commitment to strengthening maritime partnerships in a geopolitically significant theater.

Terrorism and Counterterrorism

Jaishankar Calls Out Pakistan's Role in Global Terrorism at UNGA



28-Sep-25

At the 80th session of the United Nations General Assembly on September 27-28, 2025, India's External Affairs Minister S. Jaishankar delivered a pointed address emphasizing the urgent need to combat global terrorism. Without naming Pakistan explicitly, Jaishankar described a neighboring country as "an epicentre of global terrorism" responsible for decades of terror attacks, including the recent Pahalgam attack in April, where 26 tourists were killed. He underscored the necessity of choking the financing of terrorism and applying relentless international pressure on the entire ecosystem that supports terror groups. Jaishankar pressed for stronger global cooperation against nations that condone and sponsor terrorism, warning that such support ultimately backfires on them. Pakistan's delegate responded in the UN with accusations that India was maligning the country with false claims, despite Jaishankar not naming it. India swiftly countered Pakistan's reaction as an implicit admission of its longstanding cross-border terrorism, highlighting Pakistan's own acknowledgment by reacting defensively to a speech in which it was not mentioned by name. India's representative pointed out Pakistan's reputation for facilitating terror and walked out as Pakistan delivered a venomous speech, further

underscoring its complicity. This episode was widely viewed as Pakistan falling into a diplomatic trap laid by Jaishankar, exposing itself by reacting to allegations to which it had not been explicitly invited to respond, thereby affirming its role in supporting terrorism. The Indian stance at the UNGA reinforced the call for decisive, multilateral action against terror sponsorship.

Three Naxalites killed in Chhattisgarh security forces encounter.



28-Sep-25

In a significant development, three Naxalites were killed in an encounter with security forces in Chhattisgarh's Kanker district during an anti-Naxal operation. The gun battle erupted in the Ravas forest area, where personnel from the District Reserve Guard (DRG) were conducting operations against Maoist activities. So far, the bodies of the deceased Maoists, believed to be area committee members, along with three weapons, have been recovered. This operation highlights the ongoing commitment of Indian security forces to counter insurgency and enhance stability in affected regions, reflecting a strategic approach to eliminate Naxalite threats and maintain law and order in the area.

Six Insurgents, Including Three PLA Members, Arrested in Manipur



28-Sep-25

In a significant anti-insurgency operation, six militants associated with various banned outfits, including three members of the Peoples Liberation Army (PLA), were arrested across three districts in Manipur. The arrested individuals included active cadres involved in logistics and instigating violence against security forces. Notably, two members of the Kangleipak Communist Party (Noyon) were apprehended, and a pistol was seized from their possession. This development underscores the ongoing challenges posed by insurgent groups in the region, highlighting the effectiveness of law enforcement in tackling such threats. The arrests reflect India's commitment to maintaining security and stability in Manipur, an area historically affected by insurgency, as the government continues to bolster efforts to counteract militant activities.

Cybersecurity and Information Warfare

Google Project Zero Uncovers ASLR Bypass Vulnerability in Apple Devices SHARE

28-Sep-25

Google Project Zero has reported a significant security vulnerability in Apple devices, specifically exploiting Address Space Layout Randomization (ASLR) through NSDictionary serialization. This vulnerability allows attackers to leak memory addresses without relying on traditional memory corruption methods, thereby potentially enabling unauthorized access to sensitive information. The attack involves crafting a serialized NSDictionary object that manipulates the memory layout of an application, circumventing ASLR protections and allowing for the execution of arbitrary code. Although no real-world targets have been identified, the implications for users include the risk of identity theft and unauthorized transactions, underscoring the critical need for both user vigilance and robust security practices among developers. Apple is expected to address this vulnerability with timely updates, reflecting the ongoing challenges in cybersecurity and the importance of proactive measures to protect user data. This incident highlights the essential role of security researchers in identifying vulnerabilities and the necessity for collaboration between tech companies and the cybersecurity community to enhance software security in an ever-evolving threat landscape.

Government warns 'Shai Hulud' virus threatens Indian IT security SHARE

28-Sep-25

The Indian government's cybersecurity agency, CERT-In, has issued a critical warning about the 'Shai Hulud' virus, which targets the JavaScript Node Package Manager (npm) ecosystem, posing a significant risk to startups and IT companies. This malware threatens to leak personal data by infiltrating over 500 npm packages, potentially impacting numerous applications and digital services. CERT-In has recommended immediate actions, including software reviews and the implementation of Multi-Factor Authentication to mitigate risks. The emergence of such cyber threats underscores the need for robust cybersecurity measures in India's burgeoning tech landscape, highlighting the importance of vigilance and preparedness in safeguarding digital infrastructure against evolving cybercriminal tactics.

China Enforces Rapid Cyber Incident Reporting Regulations SHARE

28-Sep-25

China has introduced stringent regulations mandating the reporting of severe cybersecurity incidents within one hour, particularly those affecting critical infrastructure and large populations, reflecting its strategic approach to cybersecurity and foreign policy. This move contrasts sharply with the United States' slower response times, where proposals for a 72-hour notification period for critical infrastructure are still pending implementation. The emphasis on immediate reporting underscores China's understanding of cybersecurity as a crucial element of national security, as it aims to enhance its defensive capabilities against potential adversaries. This development not only highlights the differing approaches to cybersecurity in major global powers but also raises concerns about the efficacy of existing frameworks, suggesting a need for more robust international standards to address evolving cyber threats.

Fake Microsoft Teams Installers Distribute Oyster Malware via Ads SHARE

28-Sep-25

Hackers are employing SEO poisoning and malvertising techniques to distribute the Oyster malware, which provides unauthorized remote access to infected Windows devices. Recent campaigns have highlighted the promotion of fake Microsoft Teams installers through misleading advertisements, leading users to a counterfeit website that mimics Microsoft's official download page. The malicious installer, identified as "MSTeamsSetup.exe," executes a backdoor DLL, ensuring persistence by creating a scheduled task. This situation underscores the ongoing exploitation of user trust in reputable software brands, posing significant risks to corporate networks, particularly targeting IT administrators who often possess privileged access. It is crucial for users to download software exclusively from verified sources to mitigate such security threats.

Mil Personnel & Veterans

PM Modi Praises Indian Navy Officers for Historic Global Voyage SHARE

28-Sep-25

Prime Minister Narendra Modi recently commended two Indian Navy officers, Lieutenant Commanders Dilna K. and Rupa A., during his Mann Ki Baat radio

programme for their remarkable achievement in successfully completing the Navika Sagar Parikrama II mission, which included an arduous eight-month journey that circumnavigated the globe and took them to Point Nemo, the most remote location on Earth. Aboard the Indian Naval Sailing Vessel (INSV) Tarini, the officers navigated through extreme weather conditions, including storms and freezing temperatures, and faced numerous challenges that tested their skills and resilience, including mechanical failures and harsh living conditions at sea. Throughout their expedition, they exemplified courage and determination, inspired by their familial backgrounds in the defense forces, and they engaged with various communities worldwide, showcasing India's maritime capabilities. This expedition not only highlights the growing role of women in the Indian Armed Forces but also serves as a powerful testament to the spirit of adventure and the importance of teamwork, encouraging young women in India to pursue their dreams without boundaries. Both officers expressed how the journey transformed them, instilling a deep respect for nature and revealing their true potential amid adversity, thereby sending a strong message about the capabilities of women in traditionally male-dominated fields and contributing to India's global maritime presence and scientific research.

Army Training Command Celebrates 35th Raising Day in Shimla

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28-Sep-25

The Army Training Command (ARTRAC) celebrated its 35th Raising Day in Shimla, featuring a band display and a fitness run that highlighted unity and camaraderie among troops and their families. Lt Gen Devendra Sharma emphasized the importance of physical fitness, aligning with the Fit India initiative. Established in 1991, ARTRAC oversees military training and integration of technological advancements essential for modern warfare. With an investment of Rs 390 crore planned for research and infrastructure over the next five years, ARTRAC aims to enhance military leadership and adapt to future conflicts through 57 initiatives focused on jointness, modernization, and technology absorption. This commitment underscores the Indian Army's proactive approach to evolving defense strategies in a rapidly changing global landscape.

Artillery Regiment Celebrates 199th Gunners Day at War Memorial

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28-Sep-25

The Indian Army's Regiment of Artillery commemorated its 199th Gunners Day with a solemn wreath-laying ceremony at the National War Memorial in New Delhi, marking the historic establishment of the first Indian artillery unit on this day in 1827. Chief of Army Staff General Upendra Dwivedi extended greetings to all ranks, including veterans and families. Lieutenant General Adosh Kumar, Director General of Artillery, emphasized the Regiment's commitment to modernization in alignment with the Atmanirbhar Bharat initiative. This celebration not only honors the legacy of the artillery but also underscores the Indian Army's continuous evolution and dedication to self-reliance, reinforcing its capabilities in a rapidly changing geopolitical landscape.

Indian Army's Spear Corps Completes Yoga Training in Arunachal

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28-Sep-25

A two-week yoga training program for combatants of the Indian Army's Spear Corps concluded recently in Arunachal Pradesh's West Siang district. This initiative, as outlined by Defence PRO Lt Col Mahendra Rawat, aimed to enhance the holistic well-being of soldiers by integrating physical endurance with mental resilience through yoga. The training sessions were specifically designed to meet the unique physical and psychological demands faced by soldiers in challenging terrains and climates, fostering qualities such as calmness, emotional balance, and spiritual strength, which are essential for effective soldiering under operational stress. This program underscores the Indian Army's commitment to the overall well-being of its personnel, enhancing their operational effectiveness in high-stress environments.

Miscellaneous

Surya Kiran Aerobatic Team to Perform Aerial Show in Mysuru

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In a remarkable showcase of aerial prowess, the Indian Air Force's (IAF) Surya Kiran Aerobatic Team (SKAT) is set to perform on October 1 at the Bannimantap Parade Grounds in Mysuru, following the successful display by the Sarang helicopter team during the Dasara celebrations. The SKAT, known for its breathtaking

manoeuvres, will be performing in their striking red-and-white Hawk Mk132 jets, promising a high-octane experience with signature stunts like loops, barrel rolls, and the captivating DNA manoeuvre. This performance marks their second appearance in Mysuru, following a memorable debut during the 2023 Dasara festivities. Meanwhile, the Sarang team, flying five indigenously built HAL Dhruv helicopters, delivered a stunning 30-minute display that featured over 16 intricate formations and received an enthusiastic response from spectators, emphasizing the IAF's commitment to excellence and inspiring future generations to consider careers in the armed forces. These aerial displays not only serve as entertainment but also reinforce India's growing aviation capabilities and the IAF's role as a symbol of national pride and technological advancement, making significant contributions to both local and global recognition of India's defense strength.

Pakistan's Tipu Shells: Dubious Origins and a Lesson in Defense



28-Sep-25

Pakistan's recent introduction of the Tipu laser-guided 155mm artillery shell, claimed as an indigenous innovation by the Global Industrial and Defence Solutions (GIDS), has been criticized for its dubious lineage, closely resembling China's Norinco GP-1, a derivative of Russia's Krasnopol. Defense analysts argue that despite its presentation as a technological advancement, the Tipu merely repackages existing foreign technology, echoing past mistakes in Pakistan's defense procurement. This trend, also seen in their Fatah-1 rocket system, underscores Pakistan's reliance on Chinese replicas, revealing vulnerabilities in operational effectiveness and raising concerns over battlefield performance. Such instances highlight the risks of compromising on quality for perceived self-reliance, especially in a region where military capabilities can decisively influence conflicts.

GE Aerospace harnesses AI in India to boost aviation innovation.



28-Sep-25

GE Aerospace is leveraging artificial intelligence (AI) at its Bengaluru centre to enhance aircraft engine technology, thereby improving maintenance predictability and design efficiency. The facility, significant in GE's global R&D framework, has contributed to the certification of various engines and boasts over 1,000 aviation technology patents. Chief Technology Officer Alok Nanda emphasized India's unparalleled talent pool and the team's innovative spirit,

which drives their initiatives, including AI-based maintenance strategies and sustainable engine projects. This development highlights India's growing importance in the global aerospace industry, showcasing its capabilities in nurturing advanced engineering talent and fostering technological innovation essential for future advancements in aviation sustainability.

NTPC to hire consultant for overseas uranium mine exploration.



28-Sep-25

State-owned NTPC is set to appoint a consultant to identify overseas uranium mines, following a partnership with Uranium Corporation of India Ltd (UCIL). This initiative aims to secure uranium as a raw material for future nuclear projects, including a significant joint venture nuclear project in Rajasthan valued at approximately Rs 42,000 crore. Prime Minister Narendra Modi recently inaugurated the 4700 MW Mahi Banswara Rajasthan Atomic Power Project, underscoring the government's commitment to enhancing India's nuclear capabilities. NTPC aims to establish its own nuclear projects independently, collaborating with various technology providers and state governments, thereby reinforcing India's energy security and enhancing its position in the global nuclear sector.

NISAR's first images reveal detailed US landscapes from space.



28-Sep-25

The NASA-ISRO Synthetic Aperture Radar (NISAR) satellite has released its first images, showcasing detailed views of American landscapes, including forests, wetlands, and agricultural areas. Launched on July 30, NISAR employs advanced L-band and S-band radar capabilities, enabling precise monitoring of land cover and soil moisture, critical for understanding environmental changes and disaster responses. These initial images highlight the collaborative efforts between India and the United States in space exploration, reflecting years of technical cooperation. The broader significance of NISAR lies in its potential to enhance global environmental monitoring and disaster management, reinforcing India's position as a key player in international space partnerships.

Nayara Energy Resumes Exports After Sanctions by Targeting New Markets



28-Sep-25

Nayara Energy, a Russian-backed Indian oil refiner, has resumed exports of refined products after a temporary halt due to EU sanctions imposed on July 18. The company's exports dropped significantly from 138,000 barrels per day to approximately 80,000 barrels per day amid challenges in shipping and sales. However, Nayara has adapted by redirecting shipments primarily to markets in the Middle East, Turkey, Taiwan, and Brazil, utilizing EU-sanctioned tankers for at least 16 cargoes since early August. This pivot underscores India's strategic ability to navigate international sanctions while maintaining energy trade, reflecting resilience in its energy sector amidst geopolitical tensions and showcasing a potential shift in global energy supply dynamics.

Spear Corps Conquers Mount Gorichen, Promotes Environmental Care



28-Sep-25

The Indian Army's Spear Corps successfully summited Mount Gorichen, the highest peak in Arunachal Pradesh at 6,488 meters, on September 19. This expedition illustrated the soldiers' resilience, discipline, and commitment not only to military excellence but also to

environmental stewardship, as they conducted a cleanliness drive along their route. Lieutenant General Abhijit S Pendharkar commended the team for their determination and commitment to preserving the region's ecological integrity. This achievement reinforces the Indian Army's ethos of courage and responsibility, highlighting its dual role in national defense and environmental conservation in the Himalayan region, ultimately showcasing the Army's dedication to both service and sustainability.

Sarang Team Prepares for Dasara Air Show in Mysuru



28-Sep-25

The Sarang Team, an aerobatics unit of the Indian Air Force, is diligently rehearsing for the upcoming Dasara Air Show in Mysuru. This event, showcasing the precision and skill of the team, is part of the cultural festivities of Dasara, which highlights India's rich heritage and celebration of victory. The Sarang Team's performance not only serves as a display of advanced aerial maneuvers but also reinforces the commitment of the Indian defense forces to engage with the community and promote patriotism. Such events are significant as they enhance public awareness and appreciation for the capabilities of the Indian Air Force, thereby fostering national pride and encouraging youth interest in defense careers.

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