

Daily Defence Current Affairs

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DRDO Demonstrates The Nation's Next-gen Defence Capabilities

- DRDO has successfully demonstrated multiple crucial technologies bolstering the nation's defence capabilities against different types of enemy threats.
- Three consecutive flight-tests were conducted on June 10 & 11, 2026 to demonstrate multi-layered defence against long range ballistic missiles and anti-ship capability at medium range.
- Multi-layered Ballistic Missile Defence (BMD) capability was successfully demonstrated. The interceptors successfully engaged their respective targets. The systems are designed and developed with latest technologies to address the emerging missile threats.
- These tests have put the country in the elite group of nations having BMD capability to engage up to Intercontinental Ballistic Missiles. The maiden flight-test of the Naval Anti-Ship Missile-Medium Range (NASM-MR) was also carried out successfully.



Raksha Mantri Inaugurates An Advanced Weapon System Complex

- Raksha Mantri Shri Rajnath Singh inaugurated an Advanced Weapon System Complex at DRDO's Defence Research & Development Laboratory (DRDL), Dr APJ Abdul Kalam Missile Complex during his visit to Hyderabad in Telangana on June 12, 2026.
- "The systems developed by DRDO, such as Akash and BrahMos, proved that India possesses the capability to compete in the global defence technology ecosystem. Strength is essential for peace, and self-reliance is the most reliable foundation for that strength. It is a fact proven by DRDO," said Rajnath Singh.
- "'Mission Sudarshan Chakra', announced by PM Modi during his 2025 Independence Day address, is set to become a multi-level missile defence system of modern India. It will not only protect military installations and critical infrastructure but also ensure the safety of civil infrastructure & key establishments.
- Project Kusha is an indigenous long-range air defence programme under development in India. The system is planned with interceptor variants of 150 km, 250 km, and 400 km, and it is linked with India's multi-layered missile defence architecture.
- DRDL stands for Defence Research and Development Laboratory, which functions under DRDO.
- The Dr APJ Abdul Kalam Missile Complex is located in Hyderabad, Telangana.
- Mission Sudarshan Chakra is a national plan for a comprehensive missile defence architecture.
- Akash is an indigenous surface-to-air missile system, and BrahMos is a supersonic cruise missile.



DRDO's NETRA Airborne System Set For Final Clearance

- DRDO's indigenously developed NETRA Airborne Early Warning and Control (AEW&C) system is set to achieve a landmark milestone with the award of its Final Operational Clearance (FOC) on 25 June 2026.
- The ceremony will be held at the Centre for Airborne Systems (CABS) in Bangalore, marking the culmination of more than two decades of development and operational validation.
- The FOC certifies that the aircraft is fully combat-ready, structurally sound, and equipped with all required mission capabilities, following the earlier Initial Operational Clearance phase.
- The Indian Air Force currently operates three NETRA MK-1 aircraft based on the Embraer ERJ-145 platform. These are stationed at Bhisiana Air Force Station near Bathinda in Punjab with No. 200 Squadron.
- Inducted in 2015, the aircraft have already proven their operational worth in several high-intensity scenarios. They were deployed during the Balakot airstrikes in 2019, the India-China border stand-off in 2020, and most recently during Operation Sindoor in 2025.

- The NETRA fleet is complemented by three Beriev A-50 Phalcon AWACS aircraft based on the Russian IL-76 platform, which provide 360-degree coverage and form the backbone of India's airborne surveillance capability.
- The first fully modified aircraft undertook its maiden flight in December 2011 at Embraer's Brazilian facility and was delivered to DRDO in August 2012.
- The first NETRA aircraft was handed over to the IAF in February 2017, receiving IOC in October 2017 after trials at Bhisiana. The second and third aircraft joined the fleet in 2019 and 2023 respectively.
- The MK-2 is expected to deliver detection ranges exceeding 500 kilometres, improved situational awareness, and greater endurance, thereby bridging the gap with advanced AEW&C systems operated by other major air forces.



Dharashakti EW Systems Cleared To Jam Enemy Radars

- Defence Acquisition Council has approved the induction of the ₹5,150 crore Dharashakti Integrated Electronic Warfare System, a landmark indigenous capability that can jam multiple enemy AEWCS, fighter radars, synthetic aperture radars, encrypted communications, and navigation networks.
- Critically, it now provides the Indian Army with the ability to jam and neutralise Pakistani UAVs and UCAVs at ranges of up to 150 kilometres, significantly enhancing India's spectrum dominance.
- The Dharashakti EW system represents a decisive leap in India's electronic warfare preparedness. Entirely indigenously developed, it integrates both communication (COM) and non-communication (Non-COM) segments. The COM

segment intercepts and analyses radio frequencies, ensuring secure and encrypted battlefield communications even under hostile jamming.

- The Non-COM segment is designed to detect, disrupt, and neutralise enemy radar emissions, surveillance systems, and guidance networks, thereby degrading adversary situational awareness and air defence capabilities.



Adani And Embraer To Establish E175 Jet Assembly Line

- Adani Defence & Aerospace and Embraer have confirmed plans to establish a Final Assembly Line (FAL) for the E175 regional jet at the Dholera Special Investment Region (SIR) in Gujarat, marking India's first dedicated commercial aircraft assembly facility.
- This project is expected to create thousands of skilled jobs and strengthen India's aviation self-reliance under the UDAN and Regional Transport Aircraft (RTA) programs.
- The partnership between Adani Defence & Aerospace and Brazilian aerospace giant Embraer represents a significant leap in India's aerospace ambitions.
- The enhanced Memorandum of Understanding signed earlier in 2026 outlines the creation of a comprehensive ecosystem for regional aircraft, including manufacturing, supply chain development, aftermarket services, and pilot training.
- The E175 regional jet, part of Embraer's successful E-Jet family, is a highly efficient 88-seat aircraft well-suited for India's growing short-haul and underserved routes. It offers proven reliability, low operating costs, and strong performance in hot-and-high conditions common at many Indian airports.



REVIEW QUESTIONS

1. DRDO's successful Ballistic Missile Defence (BMD) tests conducted in June 2026 demonstrated the capability to intercept which type of missile threats?

- A. Short-range rockets only
- B. Anti-tank guided missiles
- C. Intercontinental Ballistic Missiles (ICBMs)
- D. Cruise missiles only

Answer: C. Intercontinental Ballistic Missiles (ICBMs)

2. Which missile successfully completed its maiden flight test along with the BMD demonstrations in June 2026?

- A. Akash-NG
- B. BrahMos-II
- C. Naval Anti-Ship Missile-Medium Range (NASM-MR)
- D. Pralay

Answer: C. Naval Anti-Ship Missile-Medium Range (NASM-MR)

3. The Advanced Weapon System Complex inaugurated by Defence Minister Rajnath Singh is located at which DRDO facility?

- A. Integrated Test Range, Chandipur
- B. Aeronautical Development Establishment, Bengaluru

- C. Dr APJ Abdul Kalam Missile Complex, Hyderabad
- D. Terminal Ballistics Research Laboratory, Chandigarh

Answer: C. Dr APJ Abdul Kalam Missile Complex, Hyderabad

4. Project Kusha, currently under development in India, is related to:

- A. Nuclear submarine construction
- B. Long-range air defence system
- C. Space-based surveillance network
- D. Anti-drone laser weapon system

Answer: B. Long-range air defence system

5. The NETRA AEW&C Mk-1 aircraft operated by the Indian Air Force are based on which platform?

- A. Boeing 737
- B. Airbus A320
- C. Embraer ERJ-145
- D. IL-76

Answer: C. Embraer ERJ-145

6. The indigenous Dharashakti Integrated Electronic Warfare System can neutralise enemy UAVs and UCAVs at ranges of up to:

- A. 50 km
- B. 75 km
- C. 100 km
- D. 150 km

Answer: D. 150 km

7. Which city is being transformed into India's inaugural tri-service common defence station?

- A. Delhi
- B. Bangalore
- C. Mumbai
- D. Chennai

ANSWER: C

8. What is the purpose of the MoU between RRU and Starburst Aerospace?

- A. Enhance automotive technology
- B. Advance aerospace, defence, and homeland security innovation
- C. Develop renewable energy solutions
- D. Promote agricultural research

ANSWER: B

9. What does the Transfer of Technology agreement b/w HAL and National Aerospace Laboratories focus on?

- A. Manufacture of agricultural equipment
- B. Production of renewable energy systems
- C. Development of automotive parts
- D. Manufacture of the Bismaleimide Engine Bay Door for Light Combat Aircraft Tejas Mk1A

ANSWER: D

10. Who Becomes First Woman Subedar Of Indian Army?

- A. Havildar Preeti Rajak
- B. Havildar Sucheta
- C. Havildar Neha Tyagi
- D. None

ANSWER: A

11. Exercise 'SADA TANSEEQ' Conducted b/w India &

- A. Qatar
- B. Oman
- C. UAE
- D. SAUDI ARABIA

ANSWER: D

12. INS Karmuk Is A

- A. Destroyer
- B. Missile Corvette
- C. Submarine
- D. Tank

ANSWER: B

13. Combat Air Teaming System (CATS) Is An Indian Unmanned & Manned Combat Aircraft Air Teaming System Developed By

- A. HAL**
- B. DRDO**
- C. JAXA**
- D. Boeing**

ANSWER: A

14. Ex 'Ekuverin' Conducted B/W India &

- A. Qatar**
- B. Oman**
- C. UAE**
- D. Maldives**

ANSWER: D

15. Safran Manufactures Aircraft Engines, Rocket Engines MNC Comes From

- A. Germany**
- B. France**
- C. Nepal**
- D. UK**

ANSWER: B

16. 'Praia' Is The Capital Of

- A. Costa Rica**
- B. Comoros**
- C. Cameroon**
- D. Cape Verde**

ANSWER: D

17. UNDP Was Established In

- A. 1965**
- B. 1975**
- C. 1985**
- D. 1995**

ANSWER: A

18. Lamitye Exercise Held B/W India And___?

- A. Thailand**
- B. USA**

- C. Qatar
- D. Seychelles

ANSWER: D

19. War Cry of THE MAHAR REGIMENT

- A. Bharat Mata ki Jai
- B. Bolo Hindustan Ki Jay
- C. Jai Hind
- D. Durga Mata Ki Jai

ANSWER: B

20. Yudh Abhyas Exercise Held B/W India And ___?

- A. Thailand
- B. USA
- C. Qatar
- D. Seychelles

ANSWER: B

