

# Daily Defence Current Affairs

## 13 November 2024

### Inauguration of C-295 Full Motion Simulator

- Air Marshal Ashutosh Dixit, AOC-in-C CAC inaugurated the IAF C-295 Full Motion Simulator (FMS) facility on 11 Nov 24 at Air Force Station Agra. A significant proportion of the pilot's training can be undertaken in the simulator thereby saving precious flying hours on the aircraft.
- The state of the art simulator enables the pilots to train in near realistic environment by simulating various missions like tactical airlift, para-dropping, para-trooping, medical evacuation, disaster relief and also enables simulation of several critical situations that can be encountered in actual operations, ensuring that our pilots are battle ready.
- It will allow pilots to hone their skills in handling high risk emergencies that require time critical decisions, thereby enhancing the overall flight safety of military operations.



### DRDO Successfully Flight Tests LRLACM

- DRDO conducted the maiden flight-test of Long Range Land Attack Cruise Missile (LRLACM) from the Integrated Test Range (ITR), Chandipur off the coast of Odisha on November 12, 2024, from a mobile articulated launcher.

- The missile performance was monitored by several range sensors like Radar, Electro Optical Tracking System and telemetry deployed by ITR at different locations to ensure complete coverage of the flight path.
- LRLACM has been developed by the **Aeronautical Development Establishment, Bengaluru** along with contribution from other DRDO laboratories and Indian industries.



## DRDO Hands Over P-7 Parachute System

- The Authority Holding Sealed Particulars (AHSP) of P-7 Parachute System has been handed over to the Directorate General of Quality Assurance (DGQA) by the Aerial Delivery Research and Development Establishment (ADRDE), Agra, a DRDO laboratory.
- ADRDE has successfully designed, developed and qualified the P-7 Parachute System. Gliders India Limited (Ordnance Parachute Factory), GIL (OPF), Kanpur has fabricated the parachute system, which is capable of safely dropping payloads of up to **9.5 ton** from IL -76 Aircraft at an altitude of up to four kms.
- Indian Army can rapidly deploy their Light Field Gun & Jeep at the border and conflict areas by air dropping with this system. Army has placed an indent on GIL (OPF), Kanpur for supply of 146 P-7 Heavy Drop Parachute System.



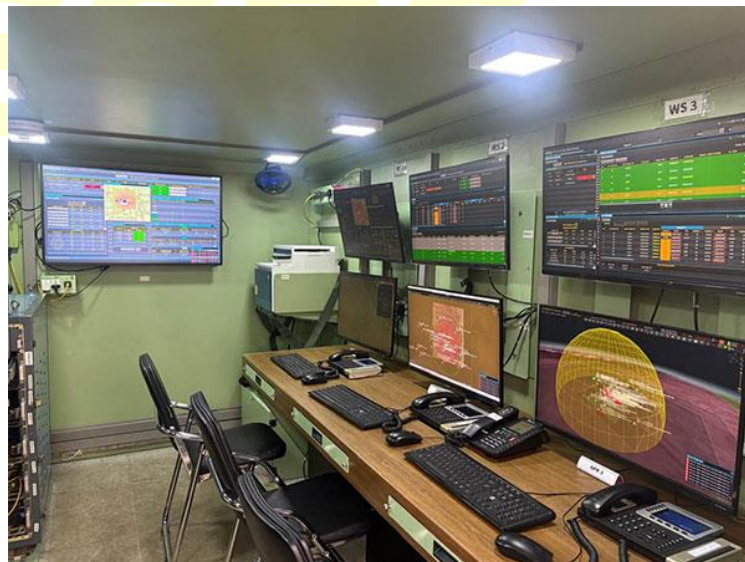
## Govt Begins Process of Procuring ATVs

- The government has started the process of procuring All-Terrain Vehicles (ATVs) for deployment along the northern borders for the Indian Army and issued a Request for Information (RFI) for it on Tuesday.
- According to the RFI, an ATV will provide cross-country mobility to the infantry detachments for surveillance, mobile platforms for employment of weapons and mobile platform for logistic resupply in operations.
- The equipment should be based on (Global Navigation Satellite System) GNSS-based navigation system to include NAVSTAR, Global Navigation Satellite System (GLONASS) and Indian Regional Navigation Satellite System (IRNSS).



## Akashteer: Transforming India's air defence with cutting-edge technology

- In a remarkable stride towards modernising India's defence capabilities, the Indian Army has achieved a major milestone through the development and phased induction of **Project Akashteer**.
- This ambitious initiative, a key part of the Army's "**Decade of Transformation**" and "**Year of Tech Absorption**," aims to provide India with a robust and responsive air defence network, meeting the demands of contemporary aerial threats with agility and precision.
- Akashteer consolidates live data from various sources, including 3D Tactical Radars, Low-Level Lightweight Radars, and the Akash Weapon System, providing a multi-dimensional view of the airspace.
- Akashteer's phased induction is already underway. Out of a total requirement of 455 systems, 107 have been delivered, with an additional 105 expected by March 2025.



### REVIEW QUESTIONS

1. **What is the primary purpose of the All-Terrain Vehicles (ATVs) being procured for the Indian Army?**
  - A. For urban combat operations
  - B. To provide cross-country mobility along northern borders

- C. For maritime surveillance
- D. As training vehicles for new recruits

**ANSWER: B**

**2. Which organization handed over the Authority Holding Sealed Particulars of the P-7 Parachute System?**

- A. Directorate General of Quality Assurance (DGQA)
- B. Defence Research and Development Organisation (DRDO)
- C. Aerial Delivery Research and Development Establishment (ADRDE)
- D. Indian Army

**ANSWER: C**

**3. The maiden flight-test of which missile was conducted by DRDO at the Integrated Test Range, Chandipur?**

- A. BrahMos
- B. Agni Prime
- C. Long Range Land Attack Cruise Missile (LRLACM)
- D. Prithvi

**ANSWER: C**

**4. What is the significance of the C-295 Full Motion Simulator inaugurated at Air Force Station Agra?**

- A. It trains new cadets for helicopter operations
- B. It enables a significant portion of pilot training without using actual aircraft
- C. It is the first simulator for combat helicopters
- D. It serves as a backup for actual aircraft in emergencies

**ANSWER: B**

**5. When Has The Indian Navy Declared The 'Year of Naval Civilians'?**

- A. 2025
- B. 2023
- C. 2022
- D. 2024

**ANSWER: D**

**6. What Is SARVATRA In The Context Of The Indian Army's Defence Capabilities?**

- A. Special Operations Force
- B. Tactical Reconnaissance System
- C. Rapid Deployment Platform

D. Mobile Bridging System

**ANSWER: D**

**7. C295 Aircraft Manufactured By**

A. Boeing

B. Airbus

C. HAL

D. None

**ANSWER: B**

**8. Indian Space Science Data Centre Is Located At**

A. Chennai

B. Bengaluru

C. New Delhi

D. Kochi

**ANSWER: B**

**9. \_\_\_ Becomes Indian Army's First Woman Sky Diver**

A. Roop Rai

B. Lance Naik Manju

C. Corporal Manju

D. None

**ANSWER: B**

**10. \_\_\_ Plans To Establish The National Government Cloud To Store Sensitive Data.**

A. MOD

B. MEA

C. Ministry of Electronics and Information Technology

D. None of the above

**ANSWER: C**

**11. The F 22 Raptor Is A**

A. Helicopter

B. Machine Gun

C. UAV

D. Fighter Jet

**ANSWER: D**

**12. 'Swift and Sure' Is The Motto Of**

- A. Army Aviation Corps
- B. Sikh Regiment
- C. Rajput Regiment
- D. Gorkha

**ANSWER: A**

**13. Which Regiment Has Motto: "Veer Bhogya Vasundhara"?**

- A. RAJPUTANA RIFLES
- B. RAJPUT REGIMENT
- C. DOGRA REGIMENT
- D. SIKH REGIMENT

**ANSWER: A**

**14. ICMF Stands For**

- A. Integrated Cryogenic Engine Manufacturing Facility
- B. Integrated Cry Engine Manufacturing Facility
- C. Integrated Cryogenic Engine Make Facility
- D. None of the above

**ANSWER: A**

**15. "Bolo Shri Chhatrapati Shivaji Maharaj ki jai" Is The War Cry Of**

- A. Maratha Light Infantry Regiment
- B. Grenadiers
- C. Punjab Regiment
- D. Parachute Regiment

**ANSWER: A**

**16. Rabat Is The Capital Of**

- A. Morocco
- B. Montenegro
- C. Monaco
- D. Maldives

**ANSWER: A**

**17. "Without Fear or Favour" Book Written By**

- A. R K Narayan

- B. Khushwant Singh
- C. Neelam Sanjiva Reddy
- D. APJ Abdul Kalam

**ANSWER: C**

**18. Exercises B/w The India And Bangladesh Is Called:**

- A. GARUDA SHAKTI
- B. SLINEX
- C. SAMPRITI
- D. Yudha Abhyas

**ANSWER: C**

**19. \_\_ Is The Legal Branch Of The Indian Army.**

- A. Army Court
- B. Supreme Court
- C. Judge Advocate General's (JAG) Department
- D. None of the above

**ANSWER: C**

**20. Exercises B/w India And Kyrgyzstan Is Called:**

- A. KHANJAR
- B. SLINEX
- C. NOMADIC ELEPHANT
- D. Yudha Abhyas

**ANSWER: A**