

Daily Defence Current Affairs

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Dassault, TATA Tie Up To Manufacture Rafale Fighter Jet's Parts

- Dassault Aviation, the French manufacturer of the Rafale fighter jet, has entered into a landmark partnership with Tata Advanced Systems Limited (TASL) to manufacture key components of the Rafale aircraft in India.
- This collaboration will see the establishment of a state-of-the-art production facility in Hyderabad, where for the first time ever, the complete fuselage of the Rafale fighter jet will be produced outside France.
- The agreement encompasses the manufacture of critical structural sections, including the lateral shells of the rear fuselage, the complete rear section, the central fuselage, and the front section.
- The partnership is formalized through four Production Transfer Agreements, reflecting a significant step forward in bolstering India's aerospace manufacturing capabilities and integrating the country further into global supply chains.
- This partnership aligns closely with India's **'Make in India' and Atmanirbhar Bharat (self-reliant India) initiatives**, aiming to strengthen the country's position as a key player in the global aerospace supply chain.



Germany To Boost Military By Up To 60,000 Troops

- Germany will need up to 60,000 additional troops under new NATO targets for weapons and personnel, Defence Minister Boris Pistorius said on Thursday, as the alliance beefs up its forces to respond to what it sees as an increased threat by Russia.
- "We are stepping up to our responsibility as Europe's largest economy," the minister told reporters ahead of a meeting with his NATO counterparts in Brussels that was set to approve the new targets.
- The fresh demands are tailored to the alliance's defence plans, thousands of pages of secret documents drawn up for the first time since the end of the Cold War, that detail how allied forces would respond to a Russian attack on NATO.
- **Huge Challenge For Berlin**
- In total, the Bundeswehr, Germany's armed forces, will need roughly 50,000 to 60,000 additional active soldiers over all branches of the military, according to Pistorius, which would put the future strength of the German forces at between 250,000 and 260,000 troops.



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158 Agniveers Pass Out From 14 Gorkha Training Centre In Subathu

- A strength of 158 Agniveers passed out in an impressive Passing Out Parade at the historical Salaria Stadium of 14 Gorkha Training Centre in Subathu, an official release said.
- Agniveers would now be joining the Gorkha Battalions of First and Fourth Gorkha Rifles of the Indian Army, having a rich and glorious military history of over 200 years of valour and sacrifice.
- The newly inducted Agniveers completed 31 weeks of physical, mental, and tactical training before marching in unison during the attestation ceremony. Senior Army officers, instructors, and recruits' family members attended event.
- An Agniveer is a soldier in the Indian Armed Forces who is recruited under the Agnipath scheme. This scheme, approved by the Indian government in 2022, allows for the recruitment of personnel into the military for a four-year tour of duty, with the potential for some to be retained for longer periods based on performance. Agniveers are essentially the new, shorter-term recruits in the Indian Armed Forces.



China Releases Crucial Details About 12,000-KM Nuclear Missile

- In a rare gesture that has taken China watchers by surprise, China's state broadcaster CCTV has released crucial details about one of the country's premier nuclear-capable missile systems, the DF-5.
- China's nuclear program has traditionally been highly secretive, particularly regarding specific missile capabilities and deployments, and it was not clear why the information about the DF-5, an intercontinental ballistic missile (ICBM), was made public.
- The timing of the disclosure is also interesting, as it comes just days after the 2025 Shangri-La Dialogue in Singapore, Asia's largest defense and security forum.
- Here, the US delivered a clear message: The Indo-Pacific is a top priority for the Trump administration amid what it sees as China's aggressive posturing.
- The public unveiling of DF-5 could be a response to Hegseth's speech. The ICBM DF-5 has a range of 12,000 km and is capable of reaching the US mainland as well as Western European countries.





Country	Deployed warheads ^a	Stored warheads ^b	Military ^c stockpile		Retired ^d warheads	
	2024	2024	2023	2024	2023	2024
United States	1 770	1 938	3 708	3 708	1 536	1 336
Russia	1 710	2 670	4 489 ^f	4 380	1 400	1 200
United Kingdom	120	105	225	225^g	-	-
France	280	10	290	290	-	-
China	24 ^h	476	410	500	-	-
India	-	172	164	172	-	-
Pakistan	-	170	170	170	-	-
North Korea	-	50	30	50ⁱ	-	-
Israel	-	90	90	90	-	-
Total	3 904	5 681	9 576^f	9 585	2 936	2 536

Lockheed Martin Launches AI Fight Club

- In a strategic move to enhance the integration of artificial intelligence (AI) within military operations, Lockheed Martin has unveiled a virtual proving ground designed to evaluate AI systems across air, land, sea, and space domains. This initiative, dubbed “AI Fight Club,” aims to engage industry teams in competitive simulations that emulate complex military scenarios, rigorously testing the capabilities of various AI models.
- The program’s primary objective is to identify the most advanced, resilient, and adaptable AI systems that can effectively support U.S. warfighters in diverse

operational contexts. Participants will encounter a range of challenging scenarios, including contested airspace, coastal defense operations, and space-based surveillance activities, all while ensuring compliance with the strict operational standards set forth by the U.S. Department of Defense.

- Lockheed Martin emphasized the collaborative nature of these events, stating that they will bring together industry teams and government experts to foster an environment conducive to innovation. The initiative will not only highlight existing vulnerabilities but also provide critical insights that can inform the next generation of AI systems essential for national security.
- As the Pentagon increases its reliance on AI technologies, Lockheed Martin recognizes the necessity of keeping up with swift advancements in the commercial AI sector. Final preparations are being made for the virtual arena to facilitate these competitions, with the first match of AI Fight Club anticipated to occur in late 2025. This initiative not only positions Lockheed Martin as a leader in defense technology but also underscores the critical role that AI will play in the future of military operations.

**ck**
AMS

REVIEW QUESTIONS

1. **Germany is planning to boost its military by how many troops under the new NATO targets?**
 - A. 40,000
 - B. 50,000
 - C. 60,000
 - D. 70,000

ANSWER: C

2. Which Indian company has partnered with Dassault Aviation to manufacture key components of the Rafale aircraft in India?

- A. Bharat Electronics Limited
- B. Hindustan Aeronautics Limited
- C. Tata Advanced Systems Limited
- D. Larsen & Toubro

ANSWER: C

3. Current Indian Navy Chief Is

- A. V R Chaudhary
- B. Manoj Pande
- C. Admiral R Hari Kumar
- D. Admiral Dinesh k Tripathi

ANSWER: D

4. "Why Bharat Matters" Book Written By

- A. S Jaishankar
- B. V R Chaudhary
- C. Manoj Pande
- D. Admiral R Hari Kumar (Retd.)

ANSWER: A

5. 'Netra' Is A

- A. Early Warning And Control Aircraft System
- B. Early Warning And Control Atmosphere
- C. Early Warning And Centre Aircraft
- D. None

ANSWER: A

6. 'Samudra Prahari' Is A

- A. Submarine
- B. ICG Pollution-Control Vessel
- C. Destroyer
- D. Frigate

ANSWER: B

7. Dhamma Dipa International Buddhist University (DDIBU) Located At

- A. Tripura
- B. Assam
- C. U.P.
- D. Kerala

ANSWER: A

8. Light Combat Helicopter Is Manufactured By

- A. DRDO
- B. HAL
- C. Boeing
- D. Airbus

ANSWER: B

9. Ex 'KAZIND' & 'KHANJAR' Conducted b/w India &

- A.** Kazakhstan
- B.** Kyrgyzstan
- C.** Both a & b
- D.** None of the above

ANSWER: C

10. Munitions India Limited Is An Indian State-owned Defence Company, HQ in

- A. Pune
- B. Mumbai
- C. Noida
- D. Chennai

ANSWER: A

11. Current CDS Of India Is

- A. Gen Anil Chauhan
- B. Gen Bipin Rawat
- C. Gen M M Naravane
- D. None of the above

ANSWER: A

12. War Cry Of Mechanised Infantry Regiment Is

- A. Durga Mata K Jai
- B. Raja Ram Chandra K Jai
- C. Bolo Bharat Mata Ki Jai

D. Bajrang Bali K Jai

ANSWER: C

13. Ex 'BLUE FLAG' Conducted b/w India &

A. Qatar

B. Oman

C. UAE

D. Israel

ANSWER: D

14. Operation Devi Shakti Was Conducted In

A. 2016

B. 2017

C. 2018

D. 2021

ANSWER: D

15. Always Alert Is The Motto Of

A. RAW

B. IB

C. DRDO

D. None of the above

ANSWER: B

16. Only Five-star Rank Officer Of The IAF Is

A. K.M Karippa

B. V R Chaudhary

C. R K S Bhadauria

D. Arjan Singh

ANSWER: D

17. SPYDER Is A

A. Destroyer

B. OPV

C. Submarine

D. Air defence system

ANSWER: D

18. Vilnius Is The Capital Of

- A. Lithuania
- B. Qatar
- C. Malawi
- D. Maldives

ANSWER: A

19. "Making of a General-A Himalayan Echo" Book Is Written By

- A. Ramesh Kandula
- B. Meghna Pant
- C. Hunter Biden
- D. Lt. Gen. Konsam Himalay Singh

ANSWER: D

20. President's Bodyguard Motto Is

- A. Jai Hind
- B. Sarvda Shaktishali
- C. Bharat Mata Ki Jai
- D. Rashtra Pratham

ANSWER: C