

# Daily Defence Current Affairs

## 14 August 2024

### DRDO Carries Out Successful Maiden Flight Test of 'GAURAV'

- DRDO has carried out successful maiden flight test of Long Range Glide Bomb (LRGB), **GAURAV** from Su-30 MK-I platform of the Indian Air Force (IAF). The test was conducted off the coast of Odisha.
- GAURAV is an air launched 1,000 kg class glide bomb capable of hitting targets at long distance. After being launched, the glide bomb steer towards the target using highly accurate hybrid navigation scheme with a combination of INS and GPS data.
- GAURAV has been designed and developed indigenously by the **Research Centre Imarat (RCI), Hyderabad.**



### DRDO Showcases Made In India Weapon Systems

- DRDO showcased its multiple made-in-India weapon systems at the ongoing Tarang Shakti exercise at Tamilnadu's Sullur.
- Chairperson of DRDO Samir V Kamat pointed out that the Tarang Shakti exercise of the Indian Airforce is an opportunity for the DRDO to showcase domestic weapons.

- When asked about the AMCA fighter Jet, which is developed by DRDO, he said, "AMCA is the 5.5 generation fighter, it's a stealth aircraft, we have just started the development project, design is now complete and we hope to complete our development trials by 2034 and it should get inducted by 2035".
- It's the first phase of Tarang Shakti continuing in Sullur, Tamil Nadu, from August 6 to 14, and the second will be in Jodhpur, Rajasthan, from August 29 to September 14.



## Kursk Incursion

- The goal of Ukraine's Kursk incursion appears to be to force Russia to pull troops out of Ukraine to defend Russian territory against the Ukrainian cross-border assault, a U.S. official said.
- Russia criticised Western allies of Ukraine at the United Nations on Tuesday for not condemning Kyiv's incursion into the Russian region of Kursk, accusing Ukrainian forces of killing civilians and questioning the goals of the cross-border assault.
- Thousands of Ukrainian soldiers began the surprise attack a week ago, a move that Russian President Vladimir Putin said was aimed at improving Kyiv's negotiating position ahead of possible talks and slowing the advance of Russian forces along the front.



## US Approves \$20 Billion In Weapons Sales To Israel

- The U.S. has approved \$20 billion in arms sales to Israel, including scores of fighter jets and advanced air-to-air missiles, the State Department announced Tuesday.
- Congress was notified of the impending sale, which includes more than 50 F-15 fighter jets, Advanced Medium Range Air-to-Air Missiles, or AMRAAMs, 120 mm tank ammunition and high explosive mortars and tactical vehicles and comes at a time of intense concern that Israel may become involved in a wider Middle East war.
- However, the weapons are not expected to get to Israel anytime soon, they are contracts that will take years to fulfill. Much of what is being sold is to help Israel increase its military capability in the long term, the earliest systems being delivered under the contract aren't expected until the 2026 timeframe.
- The F-15 jets comprise the biggest portion of the \$20 billion in sales with the first deliveries expected in 2029.



## India To Test New SAMAR 2 Air Defence System

- India is gearing up to test-fire its newly developed air defence system, SAMAR 2, by December, according to officials from the Indian Air Force.
- The SAMAR 2 system, which boasts a range of nearly 30 km, is the latest addition to India's evolving air defense capabilities. The system is developed in collaboration with two industry partners and is designed to counter a variety of aerial threats, including fighter jets, helicopters, and UAVs.
- "The first firing trials will be carried out by December," said one of the IAF officials in a HT report. Both SAMAR 1 and SAMAR 2 use Russian-origin air-to-air missiles.
- SAMAR 1 is equipped with the R-73E, while SAMAR 2 will utilize the R-27 missile. These air-to-air missiles, having surpassed their shelf life and thereby becoming unsafe for aerial launch, are being repurposed for surface-to-air roles.
- In parallel, the Defence Research and Development Organisation (DRDO) is working on Project Kusha, an indigenous long-range surface-to-air missile system.



## REVIEW QUESTIONS

- 1. What is the name of the Long Range Glide Bomb successfully tested by DRDO?**
  - A. AGNI
  - B. PRITHVI
  - C. GAURAV
  - D. SHAKTI

**ANSWER: C**

- 2. How much has the U.S. approved in arms sales to Israel, which includes fighter jets and advanced air-to-air missiles?**
  - A. \$10 billion
  - B. \$15 billion
  - C. \$20 billion
  - D. \$25 billion

**ANSWER: C**

- 3. What is the expected range of India's newly developed air defense system, SAMAR 2?**
  - A. 20 km

- B. 30 km
- C. 50 km
- D. 100 km

**ANSWER: B**

**4. Which of the following air defense systems is included in India's air defense arsenal and was developed in collaboration with Israel?**

- A. Pechora
- B. SpyDer
- C. Strela
- D. Tunguska

**ANSWER: B**

**5. Ex 'RED FLAG' Conducted b/w India &**

- A. Qatar
- B. Oman
- C. UAE
- D. USA

**ANSWER: D**

**6. Vayu Sena Medal Is Presented By**

- A. IAF
- B. Indian Navy
- C. MOD
- D. None

**ANSWER: A**

**7. SSM Stands For**

- A. Surface-to-Air missiles
- B. Surface-to-Surface missiles
- C. Solar-to-surface missiles
- D. None

**ANSWER: B**

**8. IBSAMAR Is A Type Of**

- A. Army Ex
- B. Air Force Ex
- C. Naval Ex
- D. None of the above

**ANSWER: C**

**9. FGM-148 Javelin Is Made By**

- A. Boeing
- B. Lockheed Martin
- C. Raytheon
- D. None of the above

**ANSWER: C**

**10. Infantry School Of Indian Army Is At**

- A.** Mhow
- B.** Bhopal
- C.** Gwalior
- D.** Jammu

**ANSWER: A**

**11. HAL HPT-32 Deepak Is A**

- A. Trainer Aircraft
- B. Fighter Aircraft
- C. Helicopter
- D. None

**ANSWER: A**

**12. Range of Meteor BVRAAM Missile Is**

- A. 150 km
- B. 250 km
- C. 350 km
- D. 450 km

**ANSWER: A**

**13. Shishumar Is a**

- A. Air to Air missile
- B. Sniper Rifle
- C. Anti-tank Guided missile
- D. Submarine

**ANSWER: D**

**14. INS Kesari Is A**

- A. Destroyer
- B. OPV
- C. Submarine
- D. Landing Ship Tank

**ANSWER: D**

**15. Duty, Honour, Courage Is The Motto Of**

- A. Maratha Light Infantry
- B. The Grenadiers
- C. Rajput Regiment
- D. Jat Regiment

**ANSWER: A**

**16. Hwasong-17 Is An ICBM Missile of Which Country?**

- A. South Korea
- B. North Korea
- C. China
- D. USA

**ANSWER: B**

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

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

**ANSWER: A**

**18. "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**

**19. Range of RS-28 Sarmat Missile Is**

- A. 12000 km
- B. 14000 km
- C. 16000 km



D. 18000 km

**ANSWER: D**

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

A. Desert Eagle

B. SLINEX

C. Indra

D. Indradhanush

**ANSWER: D**

