

Defence Current Affairs

19 August 2023

Maiden flight of LCA Navy Trainer Prototype aircraft Successfully Conducted

- The maiden flight of the LCA Naval Trainer Prototype 'NP5' was successfully conducted on Friday, Aeronautical Development Agency (ADA) said.
- The maiden flight was conducted from HAL airport, and the aircraft was captained by Capt Amit Kawade (IN) with Wg Cdr Siddarth Singh (Retd) in the rear cockpit, ADA said in a release.
- The aircraft took off at 14:20 hrs and was airborne for 57 minutes with all parameters normal, it said.
- Addition of NP5 aircraft to LCA Navy prototype fleet will help to accelerate flight testing activities which will provide designers vital inputs towards design and development of the **Twin Engine Deck Based Fighter (TEDBF)**, the prestigious futuristic carrier aircraft programme of the country.



US Tightens Export Controls Of Nuclear Power Items To China

- The Biden administration has tightened controls on the export of materials and components for nuclear power plants to China, saying it would ensure the items were used only for peaceful purposes and not the proliferation of atomic weapons.
- The steps are among the latest signs of strained relations between Washington and Beijing, which have clashed over spying allegations, human rights, China's industrial policies, and U.S. export bans on advanced technologies.
- The **Bureau of Industry and Security (BIS)**, an arm of the Commerce Department, now requires exporters to get specific licenses to export certain generators, containers and software intended for use in nuclear plants in China.
- The **Nuclear Regulatory Commission (NRC)**, the federal agency responsible for nuclear energy safety, also requires exporters to get specific licenses to export special nuclear material and source material.



India Building World's Highest Road, Tunnel, Fighter Jet Base In Eastern Ladakh

- India is building the world's highest tunnel, motorable road and fighter aircraft base in Eastern Ladakh as part of the government's push towards strengthening infrastructure for both military and civilian use.

- **BRO chief Lt General Rajeev Chaudhry** said that the force is going to break its own record of building the highest road at **Umlong La Pass** two years back and now it will be surpassed in the next two working seasons with the Mig La-Fukche road coming up.
- On August 15, BRO started a road connecting **Likru, Mig-La and Phukche** at a height of **19400 feet**. This will help in the deployment of troops at the earliest if any critical situation arises.
- The BRO Chief said that the military's road construction organisation will also be starting with the **Shinku La tunnel** connecting Manali through Zaskar to Leh which will be the highest and will break the record of the MiLa tunnel situated in China.



Launch Of Second MCA BARGE, YARD 76

- 2nd Missile Cum Ammunition (MCA) Barge, Yard 76 (LSAM 8) was launched by Cmde G Ravi, Warship Production Superintendent (Visakhapatnam) on 18 Aug 23 at Guttenadeevi, East Godavari, Andhra Pradesh (launch site of M/s SECON Engineering Projects Pvt Ltd).
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- With all major and auxiliary equipment/systems sourced from indigenous manufacturers, this Barge is proud flag bearer of “Make in India” initiative of Ministry of Defence.
- Contract for construction of 08 x MCA Barge was concluded with M/s SECON Engineering Projects Pvt Ltd, Visakhapatnam, a MSME, in consonance with “Aatmanirbhar Bharat” initiatives of the Government of India.
- This Barge is being built with a service **life of 30 years**. The availability of MCA Barges will provide impetus to Operational commitments of IN by facilitating Transportation, Embarkation and Disembarkation of articles / ammunition to IN Ships both alongside jetties and at outer harbours.



Chinese Embassy Lauds Indian Coast Guard

- The Chinese embassy lauded the Indian Coast Guard for successfully conducting the medical evacuation of a Chinese national from a Panama-flagged research vessel, MV Dong Fang Kan Tan No 2, around 200 Kms in the Arabian sea off Mumbai on the intervening night of August 16 and 17.
- The evacuation was carried out amidst challenging weather conditions and dark night.
- The Maritime Rescue Coordination Centre in Mumbai on Wednesday received information that a crew member — Yin Weigyang — onboard the research vessel had a cardiac attack and required urgent medical attention.
- Communication was established immediately with the vessel, which was en route from China to the UAE necessary telemedicine advice was provided promptly.



Review Questions

1. LCA Navy Is Designed And Developed Jointly By

- A. HAL
- B. ADA
- C. Boeing & Airbus
- D. Both A & B

ANSWER: D

2. India Is Building The World's Highest Tunnel, Motorable Road & Fighter Aircraft Base In

- A. Eastern Ladakh
- B. Jammu
- C. Kashmir
- D. ArunachAL Pradesh

ANSWER: A

3. B-21 Raider New Stealth Bomber Of

- A. USA
- B. Russia
- C. Israel
- D. UK

ANSWER: A

4. Ex 'Al Najaf' Conducted b/w India &

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

ANSWER: B

5. Armaments Research & Development Establishment (ARDE) Is Located In

- A. Pune, Maharashtra
- B. Bengaluru, Karnataka
- C. Chennai, Tamil Nadu
- D. None of the above

ANSWER: A

6. Shaurya (missile) Is A Type Of

- A. Hypersonic surface-to-surface
- B. Supersonic surface-to-surface
- C. Subsonic surface-to-surface
- D. Hypersonic surface-to-air

ANSWER: A

7. Operation Gibraltar Was The Codename Of A Military Operation Planned And Executed By The____.

- A. Indian Army
- B. IAF
- C. ICG
- D. None of the above

ANSWER: D

8. Annexation of Goa, Daman and Diu Done In

- A.** 1957
- B.** 1961
- C.** 1965
- D.** 1971

ANSWER: B

9. 'Chabahar Port' Is Located In:

- A. Gulf of Aden
- B. Persian Gulf

- C. Gulf of Oman
- D. Gulf of Aqaba

ANSWER: C

10. "Hit Refresh" Book Written By

- A. Satya Nadella
- B. Pradeep Sebastia
- C. Sanjay Manjrekar
- D. Rima Hooja

ANSWER: A

11. Motto Of Integrated Defence Staff

- A. Victory Through Jointness
- B. Victory Everywhere
- C. Always Ahead
- D. None of the above

ANSWER: A

12. Asia-Pacific Economic Cooperation (APEC) Hq Is In

- A. Queenstown, Singapore
- B. Berlin, Germany
- C. Abu Dhabi (UAE)
- D. Kathmandu, Nepal

ANSWER: A

13. Dhanush (howitzer) Manufactured By

- A. L & T
- B. Boeing
- C. ISRO
- D. Advanced Weapons and Equipment India Limited

ANSWER: D

14. INS Karmuk Is A

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

ANSWER: B

15. Exercises B/w The India And Egypt Is Called:

- A. SLINEX
- B. Indra
- C. Yudha Abhyas
- D. Ex CYCLONE

ANSWER: D

16. Defence Services Staff College Is In

- A. Chennai
- B. Pune
- C. New Delhi
- D. Wellington

ANSWER: D

17. Department of Military Affairs Headed By

- A. CDS
- B. NSA
- C. COAS
- D. Defence Minister

ANSWER: A

18. The Motto Of AMC, "सर्वे सन्तु निरामयाः" Is Derived From The

- A. Brihadaranyaka Upanishad
- B. Mundak Upanishad
- C. Taittiriya Upanishad
- D. Katha Upanishad

ANSWER: A

19. DESERT EAGLE Exercise Conducted b/w India &

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

ANSWER: C

20. Major General Rank Of Indian Army Is Equivalent To Rank Of IAF Is

- A. Commander
- B. Squadron Leader

- C. Group Captain
- D. Air Vice Marshal

ANSWER: D