

Maiden flight test of SAHAYAK-NG

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In news

Maiden Flight Trial of SAHAYAK-NG, Air Droppable Container

Key highlights

- Defence Research and Development Organisation (DRDO) along with Indian Navy conducted the successful maiden test trial of 'SAHAYAK-NG'
- It was dropped from IL 38SD aircraft (Indian Navy) off the coast of Goa.
- It is India's first indigenously designed and developed Air Dropped Container
- SAHAYAK-NG is an advanced version of SAHAYAK Mk I.
- The newly developed GPS aided air dropped container is having the capability to carry a payload that weighs upto 50 kg and can be dropped from heavy aircraft.
- The trial was conducted by Indian Navy to enhance its operational logistics capabilities and provide critical engineering stores to ships which are deployed more than 2000 km from the coast.
- It reduces the requirement of ships to come close to the coast to collect spares and store

Who is involved in its development?

Two DRDO laboratories i.e. NSTL, Visakhapatnam and ADRDE, Agra were involved in the development of SAHAYAK-NG container along the industry partner M/s Avantel for GPS integration

NSTL, Visakhapatnam

- Naval Science and Technological Laboratory (NSTL), Visakhapatnam came into existence on August 20, 1969.

- The Naval Science and Technological Laboratory is an Indian defence laboratory of the Defence Research and Development Organisation, located in Visakhapatnam.
- Its main function is the research and development of underwater weapons and associated systems. NSTL is organized under DRDO's Directorate of Naval R&D

ADRDE, Agra

- The Aerial Delivery Research and Development Establishment is a laboratory of the Indian Defence Research and Development Organisation. It is located in Agra, Uttar Pradesh in India.
- ADRDE is a pioneer R&D lab of DRDO for the Design and Development of Aerodynamic Decelerators, Aerostat Systems.
- The charter of duties of the establishment includes development of Paratrooper Parachute Systems, Aircrew Parachute System, Ammunition Parachute System , Brake Parachute, Recovery Parachute System, Aerial Delivery Parachute Systems, Heavy Drop Systems, Inflatable Systems, Airship Technologies and Aircraft Arrestor Barrier System etc.