

DRDO & Indian Navy conduct in-flight release trials of indigenous Air Droppable Container 'ADC-150' from P8I Aircraft

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Defence Research & Development Organisation (DRDO) and the Indian Navy jointly conducted four successful in-flight release trials of the indigenous Air Droppable Container 'ADC-150' from the P8I aircraft off the coast of Goa between February 21 to March 01, 2026, at different extreme release conditions. Indigenously designed and developed to deliver 150 kg payload, the Air Droppable Container enhances the naval operational logistics capabilities for providing quick response to naval vessels under distress, needing critical stores/equipment, medical assistance etc. at blue sea deployed far from the coast.



The Naval Science & Technological Laboratory, Visakhapatnam is the nodal laboratory for the activity. Aerial Delivery Research & Development Establishment, Agra has developed the parachute system and Centre for Military Airworthiness & Certification, Bengaluru provided the flight clearance & certification. Defence Research & Development Laboratory, Hyderabad provided the instrumentation support for the trials.

To meet the requirement of the Indian Navy, the ADC-150 system for the P8I aircraft was developed and qualified in a short timeframe. As all the developmental flight trials have been completed successfully, the system is expected to be inducted into the Indian Navy soon.

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