



Successful firing of Brahmos Air Launched Missile from Su-30 MKI Aircraft

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Today, IAF has successfully fired the BrahMos air version anti shipping missile from its frontline Su-30 MKI fighter aircraft off the Eastern Coast. The launch from the aircraft was smooth and the missile followed the desired trajectory before directly hitting the ship target. The missile was fired by the test crew comprising Wg Cdr Prashant Nair and Wg Cdr KP Kiran Kumar. The chase aircraft was flown by Sqn Ldr Angad Pratap and Gp Capt Badrish N Athreya.

The air launched BrahMos missile is a 2.5 ton supersonic air to surface cruise missile with ranges of more than 400 kms. The IAF is the first Air Force in the world to have successfully fired an air launched 2.8 Mach surface attack missile of this category. The integration on the aircraft was very complex involving mechanical, electrical and software modifications on aircraft. The IAF was totally involved in the activity from its inception. The software development of the aircraft was undertaken by the IAF engineers while the HAL carried out mechanical and electrical modifications on aircraft. One of the major challenges overcome by scientists of RCI, DRDO in the missile development was optimization of Transfer Alignment of the inertial sensors of the missile.

The rich experience of the IAF flight test crew ensured that the integration was smooth. The dedicated and synergetic efforts of the IAF, DRDO, BAPL and HAL have proven the capability of the nation to undertake such complex integrations on its own.

The firing could be successfully undertaken with dedicated support from Indian Navy by way of ensuring availability of the target and a large number of monitoring ships to ensure range safety clearance.

The BrahMos missile provides Indian Air Force a much desired capability to strike from large stand-off ranges on any target be in sea or land with pinpoint accuracy by day or night and in all weather conditions. The capability of the missile coupled with the superlative performance of the Su-30 aircraft gives the IAF a strategic reach and allows it to dominate the ocean and the battle fields.

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