

Brahmos test from Sukhoi

The world's fastest supersonic cruise missile, BrahMos, was on 22 november 2017 successfully flight-tested for the first time from the Indian Air Force's frontline fighter, Sukhoi-30MKI. The missile was tested against a sea-based target in the Bay of Bengal.

- The latest test of the multi-platform weapon completes the tactical cruise missile triad for India, as it is now capable of being launched from land, sea and air.

The Sukhoi-30 MKI aircraft for BrahMos integration has been modified by state-run Hindustan Aeronautics Limited (HAL). According to BrahMos Aerospace, the Su-30-BrahMos combination will carry out air combat operations within and beyond visibility range and will provide the IAF with the capability of attacking targets protected by powerful air defence assets. This means that BrahMos together with the Su-30 MKI would give India a formidable weapon against Pakistan and China.

About Brahmos

- It is a joint venture between Republic of India's Defence Research and Development Organisation (DRDO) and Russian Federation's NPO Mashinostroyeniya who have together formed BrahMos Aerospace Private Limited.
- It is the world's fastest cruise missile in operation. The missile travels at speeds of Mach 2.8 to 3.0. Original range 290 km.
- The land launched and ship launched versions are already in use.

About sukhoi-30 mki

- The Sukhoi Su-30MKI is a multirole combat fighter aircraft jointly developed by the Sukhoi Design Bureau and Hindustan Aeronautics Limited (HAL) for the Indian Air Force (IAF). Based on the [Su-30](#) fighter aircraft.
- The Su-30MKI has a range of 3,000 km with internal fuel which ensures a 3.75 hour combat mission. Also, it has an in-flight refueling (IFR), The air refueling system increases the flight duration up to 10 hours with a range of 8,000 km at a cruise height of 11 to 13 km.