Su-30MKI PROGRAM
THE JOINT SUCCESS OF RUSSIA AND INDIA

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1996
Contract for development and delivery

2000
The flight of the test aircraft
Contract for licensed production

2002
Aircraft samples of initial configuration delivered

2004
Aircraft samples of final configuration delivered
The first HAL-manufactured aircraft delivered

2005
The first participation in international exercise in India

2007
The first participation in international exercise abroad

2015
The first aircraft overhaul at HAL facility

MILESTONES

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Joint efforts of Russia and India have ensured creation of the new fighter aircraft featuring outstanding capabilities. Leading companies of Russia, India, and other countries have been participating in creation of this aircraft. Su-30MKI is optimised to meet cost/effectiveness criterion. Su-30MKI epitomises the world benchmark of heavy multirole fighter aircraft.
Su-30MKI is the first in the world fighter equipped with the phased-array radar, delivered for export.

*Weapons control system provides:*
- reliable detection of aerial, ground, and water-surface targets beyond visual range
- tracking of 15 aerial targets and simultaneous engagement of four of them

Open architecture of avionics suite ensures enhancing its capabilities and expanding weapons set.

Two-pilots crew is able to perform air-to-air and air-to-ground combat tasks concurrently.
Supermaneuverability:
- is achieved due to engines with thrust vectoring and perfect fly-by-wire system
- provides unmatched superiority of Su-30MKI in dog fight engagements
- enhances flight safety

Su-30MKI is the first in the world supermaneuverable combat aircraft in serial production
ACROBATIC MANEUVERS
12 hard points

Combat load of 8,000 kg
Su-30MKI is the best choice for the states with vast territory and/or vast water areas.

Maximum flight range:
- 1,270 km at low altitude
- 3,000 km at high altitude
- 5,200 km with one refuelling
- 8,000 km with two refuellings

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December 2000
The first license-production contract is signed

November 2004
HAL Corporation assembled the first aircraft

January 2015
HAL Corporation completed the first overhaul of Su-30MKI
India:
- has mastered the full production cycle
- delivers Su-30MKI’s high-tech avionics components for export
- possesses exclusive overhaul infrastructure

HAL Corporation manufactures more than 80% of Su-30MKI aircraft
Since 2005, Su-30MKIs have been demonstrating high effectiveness in international exercises

- Regions: Asia, Europe, North America
- States: USA, France, Great Britain, Singapore, UAE
- Aircraft: F-15, F-16, F/A-18, Tornado, Typhoon, Mirage 2000, Rafale

Su-30MKI contributes to the rise of international prestige of Indian Air Force
Indian Air Force has secured its superiority against any possible competitor in the region.

Su-30MKIs continuously participate in all national military parades and air shows.

Presidents of India Mr. Abdul Kalama and Mrs. Pratibha Patil performed flights on Su-30MKIs.
Su-30MKI fleet is the backbone of the Indian Air Force

HAL continues production of new aircraft and overhaul of initial batches of aircraft
Su-30MKI features great growth potential

Major program trends in Russia and India:
- overhaul infrastructure build-up in India, enhancement of after-sale support
- integration of new weaponry
- upgrading of weaponry and avionics
NEW CAPABILITIES OF Su-30MKI ARMED WITH BrahMos MISSILE

Unification of two most successful Russian-Indian projects: Su-30MKI and BrahMos

HAL has customized initial aircraft. Flight tests of this aircraft with BrahMos missile started in 2016

Su-30MKI with integrated BrahMos missile:
- has no equal in effectiveness
- features enhanced strike capability
- opens new horizons for export
NEW LEVEL OF INDIAN-RUSSIAN COOPERATION

Su-30MKI program:

- allowed India and Russia to go on to jointly create weaponry
- consolidated capabilities and competencies of the best enterprises and specialists of two countries
- established mutual understanding and credibility
- formed the basis for new joint programs
Su-30MK
IN THE WORLD MARKET

Fighter aircraft of Su-30 family derived from Su-30MKI concept has been delivered to Russia, Malaysia, Algeria, Kazakhstan

Deliveries are in progress

New customers show interest
THANK YOU
FOR YOUR TIME!

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