

Strength in diversity: The Sukhoi-Rafale Duo



IAF Sukhoi Su-30MKI

The Indian Air Force operates some world class equipment like the French built Dassault Rafale and the Russian made Su-30, however the reason of unique strength of Indian Air Force is because of fusion of such

technological wonders. The Indian Air Force is currently receiving its brand new Dassault Rafales that are the most dominant aircraft of whole Indian-subcontinent, while the backbone of Indian Air Force, the Su-30 MKI's are no less with a quite

long list of the achievements and records. The diversity in inventory of IAF is also a reason for creating logistical and geopolitical problems, however on top of everything, it's one of the most important reasons why Indian Air Force have some unique mix of technologies like the C-17 Globemaster and IL-76 transport aircraft, Mi-35 and Apache attack helicopters and now Dassault Rafale and Sukhoi-30 MKI. The Sukhoi-Rafale duo is unique and can perform every role perfectly; currently these aircraft are the main workhorses of Indian Air Force and represents capability of the air force.

Brief introduction to both aircraft

The Sukhoi 30 MKI is a twin engine 4.5th generation heavyweight aircraft designated for air dominance role. The aircraft is extremely maneuverable because of its 2-D thrust vectoring control, canards and enormous maximum thrust of 246 KNs by its two AL-31FP engines. The Sukhoi 30 MKI is an excellent dogfighter because of its extreme maneuverability; further its pylons and mighty weight carrying capacity allow the aircraft to load diverse weapons and systems.



An IAF Sukhoi Su-30MKI can be seen here with a Brahmos underbelly