



COST

F-16 BLOCK 70: Large numbers already built make F-16 highly affordable

GRIPEN NG: Estimated to be about 25 per cent costlier than F-16

DESIGN MATURITY

F-16 BLOCK 70: 1970s design, reaching end of design life

GRIPEN NG: New aircraft, at early stage of design life

COMRAT PERFORMANCE

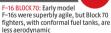
F-16 BLOCK 70: Older cockpit design, less integrated network environment, older one-way data links, older Gallium Arsenide avionics

GRIPEN NG: State-of-the-art cockpit, cutting-edge Gallium Nitride (GaN) avionics, superbly networked through two-way data links, fused combat picture reduces pilot workload



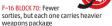
F-16 BLOCK 70: Extensively flown in combat, proven worldwide over decades

GRIPEN NG: New fighter, not yet combat tested



less aerodynamic GRIPEN NG: Highly agile fighter, with new F-414 engine

COMBAT AVAILABILIT



GRIPEN NG: Low turn-around time. low flying cost, generates more sorties per day

MANUFACTURE

F-16 BLOCK 70: Will transfer old F-16 plant from Fort Worth, Texas: but has experience of building 4,500 F-16s. and of transferring production abroad

GRIPEN NG: Will set up brand new manufacturing plant in India, but no

F-16 BLOCK 70: Cannot operate from highways, requires ground support kit, no scope for aircraft carrier operations

GRIPEN NG: Short take-off and landing capability allows mission turnaround even on highways. Can be modified easily into Sea Gripen for aircraft carrier operations

OPERATING COSTS OF CONTEMPORARY FIGHTERS (\$/HOUR)

21,000 (F-35A)













WEAPONS SUITE F-16 BLOCK 70: Integrated with mainly US weaponry and missiles. Will require source codes for integrating other missiles GRIPEN NG: Integrated with weaponry from multiple countries, including US experience in transferring production missiles and Meteor long-range missile FLEXIBILITY CHNOLOGY

F-16 BLOCK 70: Will be at discretion of US government, complex US export control laws. Unlikely to transfer AESA radar technology

GRIPEN NG: Likely to be easier, not governed by restricting export control regime, Committed to transfer AESA radar technology

F-35

Eurofighter

Rafale

F-16E/F

