



Specifications

TARGETS

- Low Acquisition, Operating and Maintenance costs
- Advanced technologies: Aerodynamics, Propulsion, Materials, Structures, Avionics, FBW FCS, IVHM
- Wide cabin with 4 abreast arrangement and overhead bins for IATA std roller bag provides narrow body comfort
- Two fuselage lengths to accommodate 70 to 100 pax
- Operations from ill-equipped airfields
- All weather operations – Enhanced and Synthetic Vision Systems
- Low Emissions
- Low Noise (FAR-36 stage IV)

TOP LEVEL AIRCRAFT REQUIREMENTS

- Max Payload: Long Fuselage : 90 pax + 1000 kg cargo
Short Fuselage : 70 pax + 1000 kg cargo
- Range with maximum pax : 2500 km (1350 nm)
- Range with maximum fuel & 60 pax: 3175 km (1715 nm)
- Takeoff balanced field length : 1400 m (4600 ft)
(ISA+15°C, SL, MTOW)
- Approach CAS : 125 kts
- Ceiling : 12500 m (41000 ft)
- Cruise speed : 750 kmph (M=0.70) at 35000 ft
- Avionics and FCS : Open architecture, COTS, FBW, GPS, ADS, Low cost HUD, and EFB
- External Noise : Meet or exceed FAR-36 stage IV
- Cargo hold volume : 17 m³ (long fuselage)