SUPERIORITY
THE NEW BENCHMARK
SSJ100/95
**SUKHOI SUPERJET 100 (SSJ100/95)**

**Capacity**
- Flight Crew: 2
- Minimum Cabin Crew: 2
- Passengers: 98 (up to 108)

**Engines**
- Type: 2 PowerJet SaM146 turbofans
- Thrust: 15,400 (68.5 KN) to 16,100 (71.6 KN) at NTO
- Flat Rating: 86° F (ISA +15° C)

**Avionics**
- Thales avionics suite based on Integrated Modular Avionics (IMA)
- Full digital Fly-By-Wire (FBW) flight control system with envelope protection
- Side-stick controls
- User-friendly dark-and-quiet cockpit design with five large LCD screens
- Aircraft Communications Addressing and Reporting System (ACARS)
- Avionics Full-Duplex Switched Ethernet (AFDX)
- Reduced Vertical Separation Minimum (RVSM)
- Instrument Landing System (ILS) CAT III
- Second generation Terrain and Traffic Collision Avoidance System (T2CAS)
- Optional Weather Radar with Predictive Windshear System (WXR/PWS)
- Optional dual Electronic Flight Bags (EFBs)

**Airfield Performance**
- SSJ100/95B:
  - Takeoff field length (MTOW): 5,679 ft (1,731 m)
  - Landing field length (MLW): 5,348 ft (1,630 m)
- SSJ100/95LR:
  - Takeoff field length (MTOW): 6,732 ft (2,052 m)
  - Landing field length (MLW): 5,348 ft (1,630 m)

**Ceiling**
- Maximum operating altitude: 40,000 ft (12,192 m)

**Noise Level**
- Flyover: 80.6 EPNdB
- Lateral: 89.7 EPNdB
- Approach: 91.7 EPNdB
- Margin to ICAO Stage IV: 13.2 EPNdB

**Configurations**
- Standard Dual Class: 87 pax (12C/75Y @ 38”/31” pitch)
- Standard Single Class: 98 pax (98Y @ 32” pitch)

**External Dimensions**
- Overall length: 98 ft 2 in (29.94 m)
- Tail height: 33 ft 8 in (10.28 m)
- Wingspan: 91 ft 2 in (27.80 m)

**Internal Dimensions**
- Cabin length: 67 ft 11 in (20.42 m)
- Cabin aisle height: 6 ft 11 in (2.12 m)
- Cabin width (floor level): 9 ft 11 in (3.00 m)
- Cabin width (centerline): 10 ft 7 in (3.24 m)
- Cabin aisle width: 20.0 in (0.51 m)
- Seat width: 18.1 in (0.46 m)
- Overhead bin volume per pax: 2.1 ft³ (0.06 m³)
- Cargo volume per pax: 7.8 ft³ (0.22 m³)

**Doors**
- Passenger Door (LH, fwd) Height: 6 ft 0 in (1.83 m)
  Width: 2 ft 9 in (0.86 m)
- Passenger Door (LH, aft) & Service Doors (RH, fwd; RH, aft) Height: 5 ft 4 in (1.65 m)
  Width: 2 ft 5 in (0.76 m)
- Cargo Doors (RH, fwd; RH, aft) Height: 2 ft 11 in (0.89 m)
  Width: 4 ft 0 in (1.22 m)

**Weights**
- Maximum Takeoff Weight (MTOW)
  - SSJ100/95B: 101,150 lb (45,880 kg)
  - SSJ100/95LR: 109,019 lb (49,450 kg)
- Maximum Landing Weight (MLW)
  - SSJ100/95B: 90,390 lb (41,000 kg)
  - SSJ100/95LR: 90,390 lb (41,000 kg)
- Maximum Zero Fuel Weight (MZFW)
  - SSJ100/95B: 88,185 lb (40,000 kg)
  - SSJ100/95LR: 88,185 lb (40,000 kg)

All data in this document is approximate, may change without notice and is subject to certain operating rules, assumptions, and conditions. This document does not constitute an offer, commitment, representation, guarantee or warranty of any kind. The final configuration and performance of this aircraft, and any related commitment, representations, guarantee or warranty, shall be determined in a final purchase agreement.

Copyright © 2011 SuperJet International. All rights reserved.