



 **SUKHOI BUSINESS JET**  
In Partnership with Alenia Aeronautica

RESERVED FOR HIGH FLYERS

# SUKHOI BUSINESS JET (SBJ)



Designed for VIP, Government, and Corporate applications, the Sukhoi Business Jet (SBJ) is a high-performance derivative of the commercially popular Sukhoi Superjet 100 (SSJ100/95). Uncompromising throughout, the spacious SBJ brings a new class of luxury, comfort, and freedom of movement to the super-large business jet market.



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.

## Capacity

Minimum Crew	2
Passengers	Up to 38

## Engines

Type	2 PowerJet SaM146 turbofans
Thrust	16,100 lb (71.6 kN) at takeoff 17,800 lb (79.2 kN) with APR
Flat Rating	86° F (ISA +15° C)

## Avionics

- Large liquid crystal display screens
- Integrated Avionics with full duplex Ethernet
- Centralized Maintenance System
- Navigation and Surveillance Systems:
  - Weather Radar with enhanced functionality including Predictive Windshear and Turbulence Detection
  - Pilot Data Control Communication
- II Class Electronic Flight Bags
- Broadband SATCOM
- Full digital Fly-By-Wire (FBW) flight control system with envelope protection

## Range<sup>1</sup>

VIP Configuration (8 pax)	4,250 nm	7,880 km
Government Configuration (19 pax)	4,000 nm	7,415 km
Corporate Configuration (38 pax)	3,500 nm	6,490 km

<sup>1</sup>NBAA IFR Reserves, ISA, typical cruise speed

## Speed

High-speed cruise	0.81 Mach	535 mph	860 kmh
Typical cruise speed	0.78 Mach	516 mph	830 kmh

## Airfield Performance

Takeoff distance (SL, ISA, MTOW)	6,732 ft	2,052 m
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## Ceiling

Maximum operating altitude	40,000 ft	12,192 m
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## Exterior 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

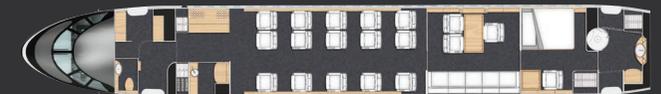
## Interior Dimensions

Cabin length	67 ft 11 in	20.42 m
Cabin width (floor level)	9 ft 11 in	3.00 m
Cabin width (centerline)	10 ft 7 in	3.24 m
Cabin height	6 ft 11 in	2.12 m
Cabin volume	4191.8 ft <sup>3</sup>	118.7 m <sup>3</sup>
Floor area	713.97 ft <sup>2</sup>	66.33 m <sup>2</sup>

## Weights

Maximum Takeoff Weight (MTOW)	109,019 lb	49,450 kg
Maximum Landing Weight (MLW)	90,390 lb	41,000 kg
Maximum Zero Fuel Weight (MZFW)	88,185 lb	40,000 kg
Maximum Fuel Capacity	6,330 US gal	23,965 l

## Government



## Corporate



## VIP

