





A Sukhoi and Alenia Aermacchi Company

Sukhoi Company





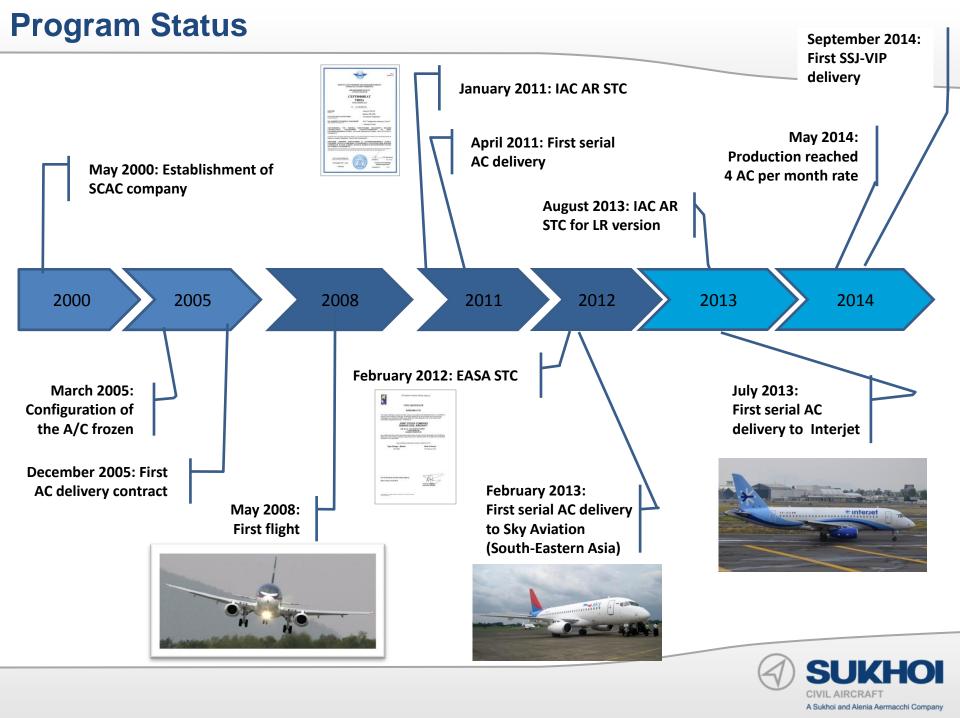
Sukhoi company is:

- Russia's largest aviation holding
- Leading construction bureaus and plants
- Russia's largest aviation exporter
- Third place in fighter export worldwide
- Over 27000 employees

Company's perspective projects:

- Su-35 generation "4++" fighter
- PAK-FA fifth generation multirole fighter
- Sukhoi Superjet 100 regional jet

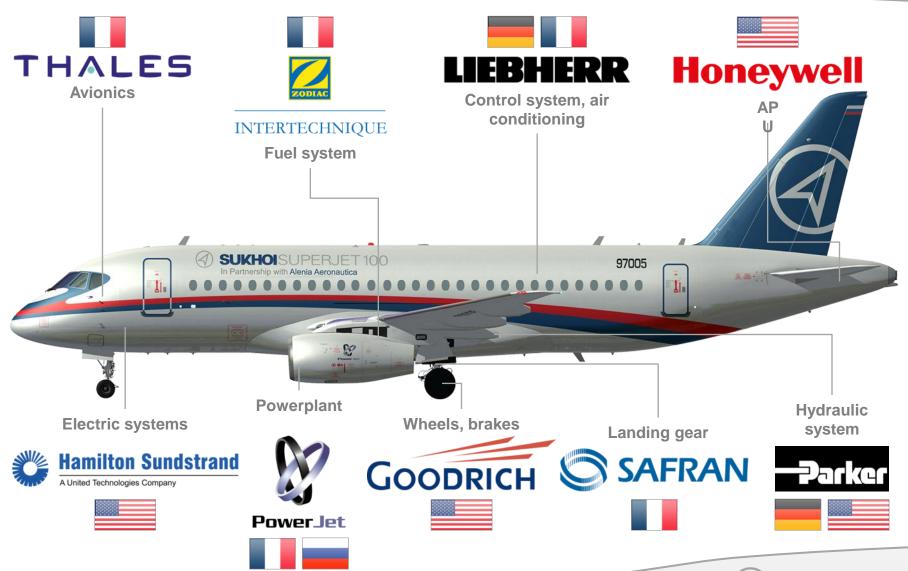








Best-in-Class Suppliers





Propulsion System





- Core engine
- Accessory drive
- Control system
- System integration
- Flight testing





- Fan
- Low pressure compressor
- Low pressure turbine
- Assembly
- Ground testing

PowerJet provides full range of services

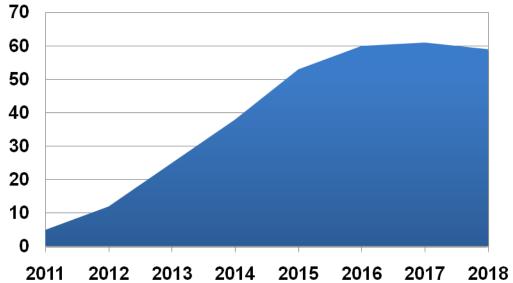
Engineering, production, marketing & sales, customer support



Ramp Production



Production plan





Deliveries plan for 2015

Customer	AC number for 2015
Aeroflot	12
Gazpromavia	3
IFK	4
SBJ (Thailand)	2
SJI / Cityjet	6
SJI / Interjet (option)	7
Open slot	11
TOTAL	45

















SSJ100 – Performance

	SSJ100 Basic	SSJ100 LR
Engine	SaM-146 1S17	SaM-146 1S18
Thrust Class (APR SLS/ISA+15°C), lbs	17,300	17,800
Take-off Thrust (NTO SLS/ISA), Ibs	15,400	16,100
Range, nm	1,565	2,350
Maximum Cruise Speed, Mach	0.81	0.81
Maximum Flight Level	400	400
Block Fuel for 500nm, kg/lbs	2,605 / 5,745	2,605 / <i>5,745</i>
Block Time for 500nm, min/h	93 / 1.55	93 / 1.55
Take-off Field Length @ MTOW (ISA, SL), m / ft	1,803 / 5,915	2,100 / 6,890
Take-off Field Length for 500NM (ISA, SL, 98 Pax), m / ft	1,390 / 4,558	1, 390 / <i>4,5</i> 58

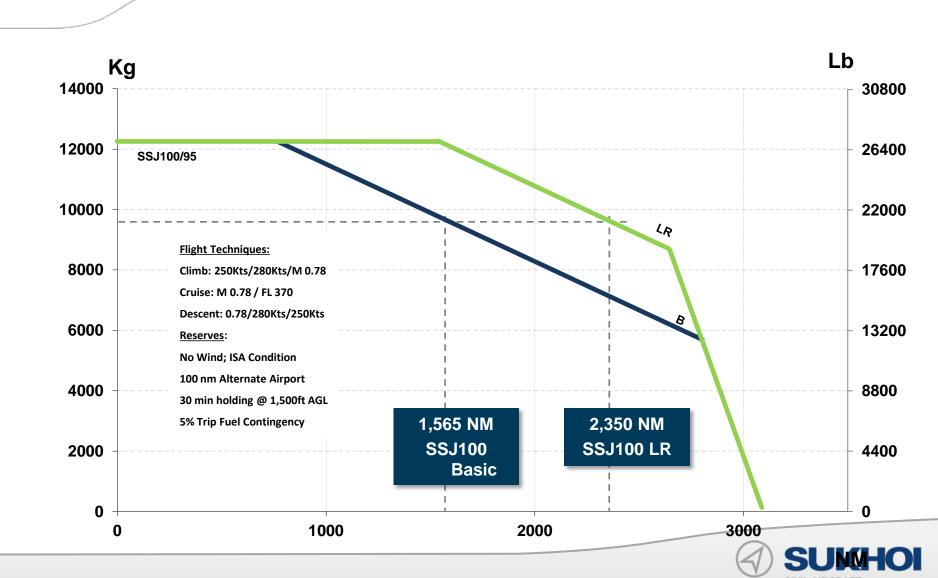


SSJ100 Performance: competitors

	SSJ100 LR	E190 E2	MRJ 90 LR	CS100
Passengers (Standard Single Class @ 32" seat pitch)	98	98	92	110
Abreast	2 + 3	2 + 2	2 + 2	2 + 3
Maximum Takeoff Weight (MTOW), kg	49,450	56,900	42,800	54,931
Operating Empty Weight (OEW), kg	27,400	N/A	22,600	33,332
Maximum Payload, Kg	12,245	13,080	N/A	14,560
Take-off Thrust (NTO), lb	15,400	N/A	N/A	21,000
Range, nm	2,350	2,800	1,780	2200
Take-Off Field Length (TOFL), m	2,100	1,250	1,490	1509

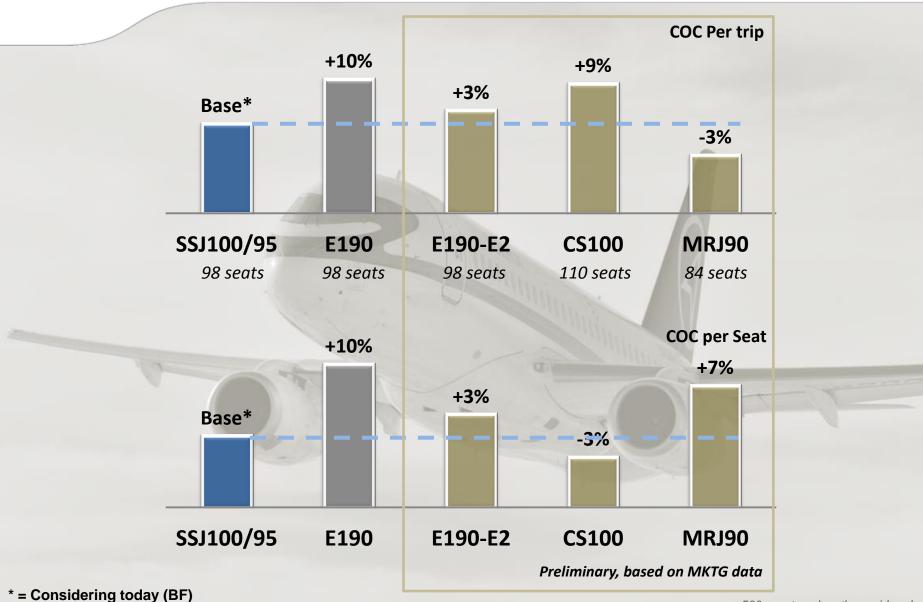


SSJ100/95 Performance – Payload Vs Range



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Economics Comparison



Maintenance Intervals

Maintenance	SSJ 100	E- 190/195	CRJ 700/900
A-Check	750 FH / 100 days	700 FH (*)	600 FH (*)
C-Check	7500 FH 6000 FC 24 months	7000 FH (**) 5000 FC	6000 FH 5000 FC 18 Months
SI-Check	35000 FC 12 years	20000 FC 6 YE	20000 FC 6 YE
Landing gear	20000 FC /10 years	20000 FC /8 years	20000 FC
APU	(Model: Honeywell RE220 RJ) On Condition (MTBUR: 15 000 AH)	(Model: HS APS2300) On Condition (MTBO: 6,700 AH)	(Model: Honeywell RE220 RJ) On Condition (MTBUR: 15 000 AH)
Engines	On condition 20000 FC	On Condition	On Condition
Other components	On condition		



SSJ100 Comfort : Enjoy your stay

4.74 m³

Slice Volume @32"

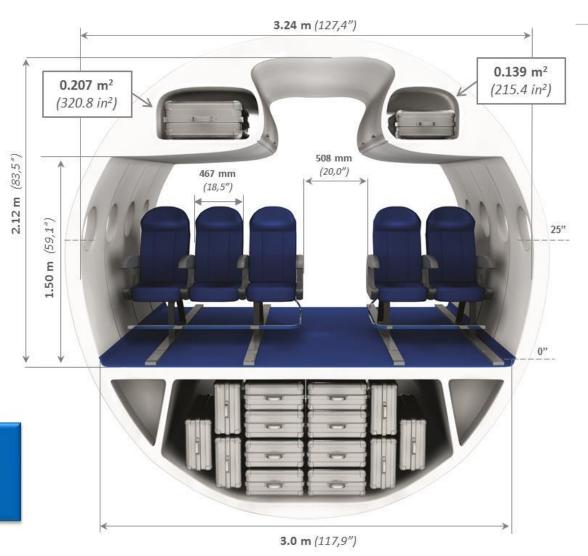
+60% Vs CRJ; +36% Vs E-Jets

 $0.95 \, \mathrm{m}^3$

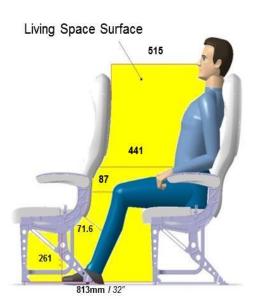
Slice Volume per seat

+8.9% Vs E-Jets; +9.4% Vs A320

SSJ100: THE LARGEST AVAILABLE CABIN AMONG 100 SEATERS









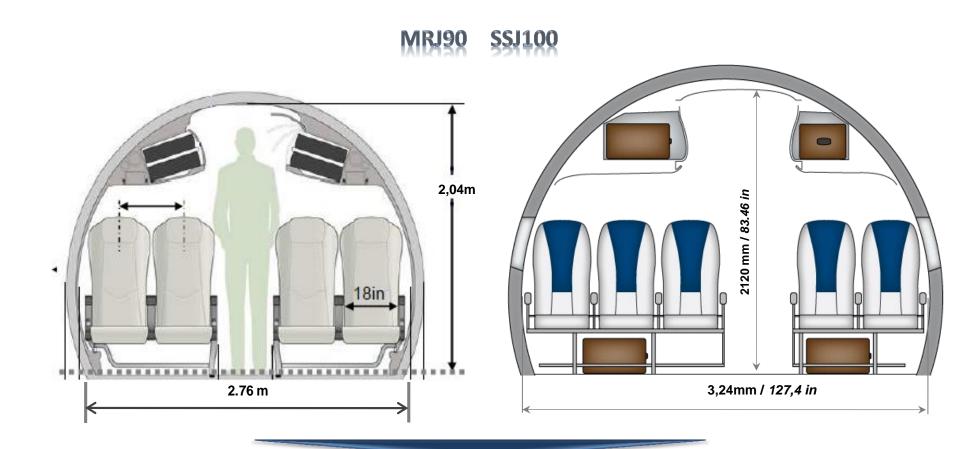




SSJ100:
MEASURES IN LINE WITH CLASS A STANDARD



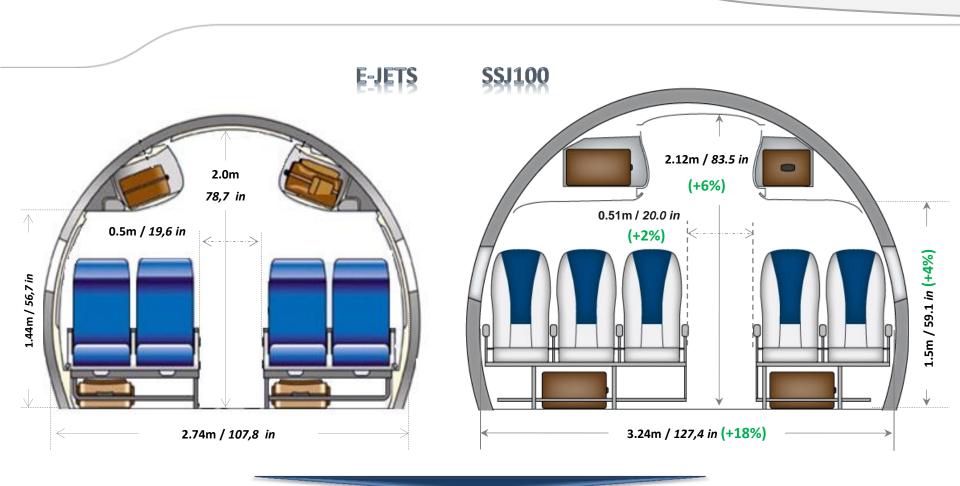
Cross Section Comparison: MRJ90 vs SSJ100



... LARGER, HIGHER AND MORE COMFORTABLE CABIN



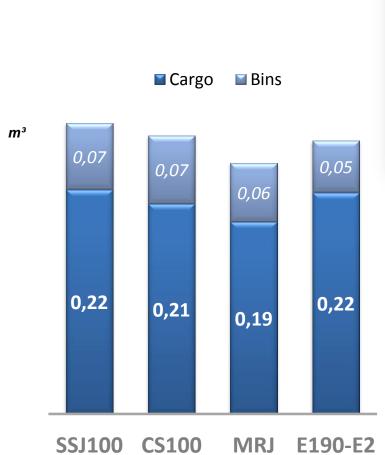
Cross Section Comparison: EMB190 vs SSJ100



... WIDER, TALLER AND MORE COMFORTABLE CABIN



SSJ100: Largest overhead bins









Support





Customer support center

The unique point of contact for all customer requests from engineering to spares-related queries

Training centers

Located in Moscow and Venice and certified as Flight Training Organization and Maintenance Training Organization

Warehouse management

Lufthansa Technik Logistik warehouse in Frankfurt and Moscow warehouse serving customers from all around the world

MRO worldwide network
 Recognized partners, contin

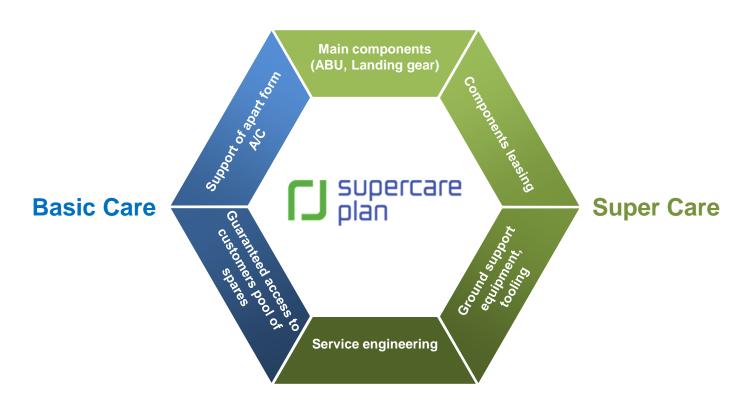
Recognized partners, continuous development



Support Plan

SuperCare Plan

Flight-by-the-Hour Solution



- Module structure
- Fixed rate per hour

- Competitive prices
- Individual approach



Operation (as of July 31, 2014)

Aircraft in operation: 35

Total flights: 56200

Total flight hours: 38080

Maximum monthly utilization: 4227 (July 2014)

























Certificates

IAC January 2011



EASA February 2012



Mexico April 2012



IndonesiaNovember 2012







Program Development



2016

2011	Type certificate data sheet regular update
2013	LR Type Certificate / IA CAR
2013	Maximum operations Altitude / IA CAR
2013	High density version (103 seat) / IA CAR
2014	Narrow runway (30 m) / IA CAR
2014	Flexible take-off / IA CAR
2014	Activities to reduce noise in the cabin / IA CAR
2014	Expanding the functions of avionics (CATIIIA, RNAV1 и P-RNAV, VNAV, CPDLC) / IA CAR
2015	Maximum operations temp. 50°C / IA CAR
2016	Sukhoi Business Jet IA CAR certification
2016	Sukhoi Business Jet EASA certification

Winglet introduction

