

Sukhoi SU-80GP

Short-Haul Regional aircraft



Hello,

Thank you for downloading the Sukhoi 80! This Gmax model is fully compatible with FS2004 and features things as all moving parts, opening doors and visible prop pitch. This document contains information on how to fly the aircraft and copyright and disclaimer information.

Enjoy the model!

Robert Versluys
robert.versluys@aircanadian.com

About the Sukhoi SU-80GP

The Sukhoi 80 is a new short-haul aircraft for regional airlines. The famous Russian design bureau Sukhoi, best known for their high performance fighters, designed the aircraft. The SU-80 is their first passenger aircraft. The aircraft was built by the Kamsolsk-upon-Amur aircraft production association, in the eastern part of Russia. First flight of a 24 seats model took place on 4 September 2001. After this, the aircraft was stretched by about 4 feet, to make room for 6 more seats, arriving at the 30-seat aircraft it is now. Operation can take place in any weather condition, during day and night and from unpaved runways.

Specifications

Weights:

Operating Empty:	22160 lb
Payload, 30pax + baggage @200lb each:	6000 lb
Maximum fuel:	5280 lb
Maximum takeoff weight:	31310 lb
Maximum landing weight:	30980 lb

FS Model has a zero fuel weight of:
22160 lb + 6000 lb = 28160 lb
So you cannot take more fuel then:
31310 lb - 28160 lb = 3150 lb
Which means about 477gall of fuel for MTOW

Speeds:

Takeoff speed is 110kts with flaps set at 25°
Approach speed is 115kts with flaps set at 40°

Cruise speed:

Altitude	FL164 (5000m)	FL196 (6000m)
Speed (kias)	200	175
Speed (kts)	250	230
Mach	.56	.55

Kias = Indicated airspeed
Kts = Groundspeed

Performance

Passengers:	30
Takeoff field length:	3051ft / 930m
Landing field length:	2100ft / 640m
Range @Max payload	702 nm / 1300 km
Range @Max fuel	1674 nm / 3100 km
Range Ferry	1755 nm / 3250 km

Credits:

Model, dynamics, textures: Robert Versluys

Copyrights

It is not allowed to make money with the model included in this package in any way. Please do not upload the aircraft to a site that asks money to download it, do not include it on a pay ware CD or ask money for this package in any other way.

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