

SGA A300B4-200 Flight Dynamics v2

NOTE: This package ONLY works in Flight Simulator 2004: A Century of Flight



Introduction:

This package contains new and improved flight dynamics for SGA Airbus A300B4. The original flight dynamic is for A310 which has completely different dynamic characteristics and is not comparable and compatible with A300B4. I had many problems with the original flight dynamic include lack of pitch stability specially at high altitude, ultra sensitive trim, impossible to control the aircraft with one engine specially on take off. Auto pilot's problem on holding certain altitude at high level and also capturing localizer on ILS approach and.... There are two packages inside. One for main aircraft with default panel and one is optimized to use with Benoît Gaurant famous panel. This version has many new improvements over the first version.

Include:

- Corrected Trust Scalar
- Cruise Lift Scalar
- Pitch Stability
- Roll Stability
- Yaw Stability
- parasite Drag
- Induced Drag
- Elevator Effectiveness

..... Rudder Effectiveness
..... Aileron effectiveness
..... Trims Effectiveness
..... Engines Power
..... Rudder's Area
And...

Installation:

There are two folders one is called FD_MAIN which contains flight dynamics for main aircraft with default panel and the other is called FS_PANEL which contains optimized flight dynamics to use with Benoît Gaurant's amazing A300 Panel. The Flight Dynamics Files include this package are for Iran Air Airbus A300B4 Livery and are optimized for that airline. To install the Flight Dynamics just copy the files inside FD folders and overwrite the files inside your SGA Airbus A300B4 main aircraft folder. If you have any additional livery just copy/paste the following codes into "Aircraft.cfg" file and change the sections to meet your needs:

```
[fltsim.???]
title= //(Title of your Livery)
sim=a300B4-200
model=
panel=
sound=
texture= //(the suffix of textures folder/Use no suffix if you don't have any additional livery and live this section)
kb_checklists=a300B4-2c_check
kb_reference=
atc_airline= // (name of Airline)
atc_flight_number=
atc_id= // (Aircraft ID)
atc_heavy=1
ui_manufacturer=Airbus
ui_type=A300B4-200
ui_variation= // (Airline)
description=
visual_damage=1
```

And replace the??? With the appropriate number "Starting from 0 to ...".for example if you have two liveries the codes sections should look like this:

```
[fltsim.0]
.....
.....
.....
[fltsim.1]
.....
.....
.....
```

Credit & Copyright:

SGA and Its Respective Designers <http://www.sgair.net>
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Thank You
Touradg Morassaei
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The logo for IRANSIM is displayed in a bold, blue, 3D-style font. The letters are thick and have a slight shadow, giving them a three-dimensional appearance. The background of the logo is a light blue gradient.

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