



Info's about Version 2.21:

In March 2011 I had posted some screenshots about the future plans for AES in the Aerosoft forum, which I called AES NG. This was not an announcement for a new Version, more a goal for future levels of AES.

In December 2011 the Version 2.20 was released via the Forum to show and test the first parts of the new features. The feedback was positive and we could fix all issues seen there, so now it's time to include the new features into the normal version process.

So, AES 2.21 is the first step into the new direction of AES, it based on the function we had before, but includes the new objects, which are explained in the following. The aircraft configuration is still the same, so no need to change the config's here.

Some new Airports are added to the support in AES 2.21, more at the end of this Note.

What has changed in AES 2.21:

Even, when this Version does most things like the version before, there are significant internal changes and the new vehicle models are much more complex.

AES 2.21 has all functions of the version before and should be usable same as older versions. There are only some smaller limitations in the variations of the models, like:

- Only two different bus models are finished at the moment
- There is only one type of under floor Fuel Truck included yet
- The Deicing will not simulate the fluid steam

Let me now explain the new parts and features of this version:

1.) New detailed vehicle models

All vehicle models simulated by AES are new replaced by more detailed and complex animated models. At the moment, they all have a neutral texture, but repaint-kits will follow later, when we are know, that the models not need any changes. The code is prepared already to support the selection of service different service provider deliveries per Airport or global.

There are also more different variations (like US stile Trucks) planed for the future.

The Catering Trucks are already available in 4 different Types inclusive the upperdeck support for the Airbus A380. The door will be calculated based on the door 2L, like the jetways connect. With a good Model the door should fit were well.

2.) Changed ramp agent movements and pushback process

In the past, the ramp agent gets sometimes in conflict with the jetways or stairs, when he keeps his position beside the nose wheel. Now he will be move to the other side of the aircraft to monitor the loading process, until the pushback preparation starts. This is a temporary solution, until a more complex animation of human stuff is possible.

While tow bar push processes he will handle the Connect and Disconnect process.

3.) More realistic driving animations of the vehicles

The animation of the driving process of the vehicles in now more realistic, the wheels are rotation, the steering is simulated and all the related signs are included.

4.) New operational human objects

Not only the marshaller is replaced by a new Model, some of the vehicles get a driver already. All pushback vehicles are equipped with a driver now, also the catering and the bus will have a animated driver now.

Other vehicles are already prepared for an animated process, but the drivers will follow in one of the next versions.

Ok, as normally all is more interesting, what you not have, here some words about the next steps

There are many new features on my list, for example the support of cargo airplanes, simulation of the load process and better animations of human stuff. But, all needs to be in the correct order, as for some parts, first more parameter of the airplane are needed to be able to handle the movements on the limited space around the airplane. Therefore the aircraft configuration is one of the next steps.

New Airports, which are now supported with AES 2.21

Not so much as normal, but some nice once are now added

ICAO	Airport	Credits*	FS9	FSX
EDFH	Aerosoft Frankfurt Hahn X	1	-	NEW
EGNX	UK2000 East Midlands xtreme	1	NEW	NEW
EHBK	Aerosoft Maastrich-Aachen X	0	-	NEW
ENZV	Aerosoft Stavanger X	2	-	NEW
EPKK	Aerosoft/Drzewiecki Krakow Balice 2012	1	NEW	-
KLAX	FSDreamTeam Los Angeles	5	NEW	NEW
KMIA	LatinVFR Miami	5	NEW	NEW
LSZH	FreeZ Zuerich X Live 1.10	3	-	Update

Have fun,

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