Airport Editor
09 / 2012

Cockpit
Status
MS FS
SImCon

• Introduction

- **AddAirports is a advanced feature. The previous basic program is included with the CockpitStatus Software**.

- **This program makes it possible to Add, Modify + Delete Airport-Data for ALL CockpitStatus programs.
 You do not need anymore to change Airport Data manually.**

- **All CockpitStatus programs are using the same airport data File.**

- **Used for CockpitStatus, ATlasHold + SIMCON software that are not including such a facility..**

- **New features:**
  - **Load any Airport into the new [Edit Airport] Editor**
  - **Edit, change, modify, delete any data**
  - **Move, exchange Rwy-List-Position with 2 buttons [RwyUp] + [RwyDn]**
  - **Delete a Rwy + save data for modifying and eventual Re-inserting**
  - **Exchange modified data with actual airport or Rwy data**
  - **Automatic inserting of all actual data relating to the actual aircraft position. (or manual)**
    - **Airport: Latitude/Longitude, Elevation**
    - **Runway: Course, Latitude/Longitude**
  - **Logical Error control**
  - **All modifications are not changing the original Airport Database that can be exchanged with the new one.**

AddAirports
Install
09 / 2012
Freeware

- Unzip into **any** Folder where the following CockpitStatus programs are located.

  - **CockpitStatus**
  - **ATlasHold**
  - **SIMCON**

  *** Do not run AddAirports together with other CockpitStatus programs ! ***
  Make a Desktop connection for fast access for: **AddAirports.exe**

- AddAirports is connecting FS with FSUIPC from Pete Dowson. (also not registered)

- The Program is staying ON TOP of the Desktop!

- Program is running on 32 Bit + 64 Bit machines.

- AddAirports is only working with internal Mathematic-Formulas based on Coordinates.
  Credits to the work of Ed Williams and his Aviation Page.

- Credits to Paul Henty the Author of the FSUIPC Client DLL for .NET applications.

- If you encounter any difficulty pls. write a Feedback to: forstmeier@libero.it
  You get immediate assistance!

- Check the Home-Page for updates at: http://intrasystem.it/FSX/FSX.html

Cockpit
Status
MS FS
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Add-Change-Remove Apt Data

• Loading actual Airports – Click on [**Load Apt's**]
• **Adding a new airport** – **use/copy the actual Aircraft Position Data as explained or Input known Data.**
   - Insert data into the **Apt + Rwy Input Fields –** Click **[Copyt to Editor]**
   - Apt-Data + Rwy-Data is copied into the Airport Editor
   - Clear Rwy Data – click **[Clear Rwy Data] – Input Airport Fields are not deleted.**
   - Input next Rwy Data
   - **Re-Edit** a Rwy or Airport Field – Left-Click on the Item in the Airport Editor Field – change data and Re-insert Rwy
   --- In normal Input Mode you can't Re-Edit the Airport Field – only the Rwy-Fields.
   --- Using the [Edit Airport] mode instead you can Re-Edit the Airport Field using the special [**C**] buttons.
   - **Exchange Rwy Position –** Right-Click on a Rwy, then use the [RwyUp] + [RwyDn] buttons.
   - When terminated you can make a Distance Test. Input Icao [Dest Icao] and click on [Test Distance].
   - Save new airport – [Add/Save Apt to Airport List]. Data added at the End of the Airport List.
   - You can then change data using the [Edit Airport] Mode. Re-Call the Apt at the END of the 'Airport List'.

   If the Airport Editor is 'empty' you could use the 'Edit Airport' Mode for inserting a complete New Airport! (less restricted)

• **Changing existing Airports in [Airport List] – Select [Edit Airport] Mode**
   - Click on a Airport Item in the 'Airport List'. Airport is marked as 'deleted' and copied into the Airport Editor.
   --- **If NOT** in 'Edit Airport' Mode you can Delete a Airport Record. Just click on a Airport Record.
   - Confirm Edit this Airport (yes). If you do not want to edit this Record just click on [Add/Save Apt to Airport List]
   --- This record is added at the End of the Airport List and same Airport is deleted from the 'Apts. Deleted' List!
   - [Clear Rwy Data] + [Copy to Editor] are not used here. [Clear Rwy Data] is then the [Delete Rwy] Data.
   --- **Delete a Rwy**. Copy Rwy-Data into Input-Fields then use the [Delete Rwy] Button.
   - You can't delete the 1. Airport data Record but you can change the Airport Data Field.
   - Copy Field-Data back into the Airport Editor – Use the red [**C**] Buttons. Copy into Input-Fields, click on a Editor Item.
   - When finished proceed as explained on Top.

• [**Create a New Airport File**] Button
   1) After a error-Check a new sorted AirportFile 'New_apts.txt' File is created.
   2) A special Label is appearing – 'REPLACE/Exchange New_apts.txt with original Apt-File ?
      If you confirm you create a new original apt-File in automatic. Otherwhise you have to do
      it manually. Attention: This is the only moment you can do it in automatic. Any other Click
      is cancelling this option.

Replace actual
apts.txt file
with
New_apts.txt File

Adding a new Airport

Cockpit Status MS FS SImCon

Add Airports (© Raimund Forstmeier) x86

FS Version -   Icao **13054**

00M
00R
00V
00WI

Edit Airport   **Rwy Up**   **Rwy Dn**

Create New 'apts' File (Sorted)

Help

Airport Editor-List
Icao   Airport / Rwy   Course   Freq   Elev (ft)

| YYYY | TEST | Editor List Items | | 100 | 46. |
| | 10 | 180 | 110.15 | | 46. |

Load Apt's   13054

Hdg

ALT

AGL

LAT

LON

1) place aircraft near Tower - **Input Icao + Airport-Name**
2) Click on **Elevation** + **Lat** + **Lon** labels – copy data
3) place aircraft on a Rwy-Start – Centered -
4) Input Rwy-ID + Freq. If any - Click on **Course** label
5) Click on Rwy-Data – **Latitude** + **Lon** labels – copy
6) Click on [**Test Distance**] – check distance to other Icao.
7) Click on [**Copy to Editor**] (copy into Editor-List)
8) Change aircraft position. Start with next Rwy.

Airport List

00CA	????
	04
	22
00M	THIGP
	16
	34
00R	LIVIN
	12
	30

Apt's deleted

| 00CA | GOLDSTONE |

Icao   Airport Name   **Click** Elevation   **Click** Latitude (6 dec)   Longitude (6 dec)

| YYYY | TEST | 100 | 46.000000 | 15.000000 |

Click
Rwy - ID   Course   Frequency

Rwy Data   45   360   ---

Latitude (6 dec) **Click** Longitude (6 dec)

Rwy Data   45.000000   15.000000

Dest Icao   EDDB   Help

(1)   387 nm
Test Distance   717 km

(2)   **(3)**

Calculate any Distance
Icao

to

Distance

nm
km

Clear Rwy Data   **Clear Editor**   **Copy to Editor**   **Add/Save Apt to Airport List**

Save Apt-Record with [Add/SaveApt]. (saved into 'Airport List' at the end.)

Actual Position Data while moving aircraft.

Elevation Agl

Latitude

Longitude

Right Click on a Editor list item then use RwyUp + RwyDn buttons

Load Apt's

Click on a Airport in Airport List.
In Edit Mode Edit Airport + mark as deleted.

Not in Edit Mode Mark as deleted

Cancel a Rwy- Editor List Item Left Click on a Rwy item. Then use [Clear Rwy] or [Delete Rwy]

Before you copy data into the Editor List click on (1) Test Distance for a visual test.
Input a Icao (example: EDDB) that should be at a approx. distance from your new Airport or Rwy.
When you create a new sorted Apt-File you must rename 'New_apts.txt' into 'apts.txt' for using the new file.
•Click on [Create New 'apts' File sorted] for creating the New_apts.txt file ' .

The new Apt Editor
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1. Click on the Apt ICAO Item in the Airport List. (lowg)

This image is showing Apt LOWG in **EDIT** Mode. Apt is marked deleted. Any change is possible. Click on a Editor-List item and copy data into the Input-Fields. **Re-Copy** into Editor using the RED [**C**] Buttons. (when in Edit Mode) **Deleting** a Rwy is done using the [Delete Rwy] button. **Rwy**-List-sequence is adjusted using the [RwyUp] + [RwyDn] buttons. **Save Apt**-Record with [Add/SaveApt]. Rec saved at the end of Airport List. (Apt's deleted Item LOWG is cancelled) **EXIT ALL** just Exit Edit Mode. **You should RE-Insert** this Rec. Click on [Apt's deleted] Apt and Re-insert Apt. (if not, Rec is lost)

Actual aircraft Position + Data while moving aircraft.

Elevation

Elevation Agl

Latitude

Longitude

Deleted Apt's are only marked as deleted. **You can Re-Insert Apt's.**

Add Airports (© Raimund Forstmeier) x86

FS Version: FSX

Icao: 13054

| 00CA |
| 00M |
| 00R |
| 00V |

Exit Edit | Rwy Up | Rwy Dn

Create New 'apts' File (Sorted)

Help

Airport Editor-List

Icao	Airport / Rwy	Course	Freq	Elev (ft)
LOWG	GRAZ		1120	46.
	17C	167	---	47.

Hdg: 346

ALT: 1120

AGL: 1112

LAT: 46.978391

LON: 15.443115

This is the Airport Editor
Click on a item + copy into Input Fields.
Right-Click on Item then use [RwyUp] + [RwyDn] buttons.

Below the Apt + Rwy Input Fields in Editor Mode.
Edit Fields – Re-Insert into Editor using the [C] buttons.
Save Record [Add/Save Apt...]

Load Apt's

13054

Airport List

| 09R |
| 27 |
| 27L |
| 27R |
| LOWG ???? |
| 17C |
| 35C |
| LOWI INNSB |
| 08 |

Apt's deleted

LOWG GRAZ

Icao	Airport Name	Elevation	Latitude (6 dec)	Longitude (6 dec)	
LOWG	GRAZ	1120	46.993056	15.439167	C

Rwy Data | Rwy - ID: 35C | Course: 347 | Frequency: 110.90

C

Rwy Data | Latitude (6 dec): 46.978128 | Longitude (6 dec): 15.443187

Delete Rwy | Clear Editor | Copy to Editor | Add/Save Apt to Airport List

Calculate any Distance

Icao

to

Distance

nm

km

(1) Test Distance

Dest Icao: EDDB | Help

332 nm
614 km

(2)   (3)

[Clear Editor] + [Copy to Editor] not used in Edit Mode.

Inserting Field data in automatic, click on Labels:
Airport Data: Elevation – Latitude – Longitude
Rwy Data: Course – Latitude - Longitude

[**Create New 'apts' File**] is never changing your orig. 'apts.txt' File. You must exchange 'New_apts.txt' file with your original 'apts.txt' file for security.

AddAirports
09 / 2012
Remember

Make a Back-Up copy of your actual apts.txt File.

· When you change the Airport File and Replace the New File with the original File:

    Copy the New original apts.txt File to the Folders where other CockpitStatus programs
    are located. CockpitStatus, ATIasHold, Simcon.

· When you create a New 'apts' File and forget to Replace the actual File with the New one
    just restart the [Create New 'apts' File] procedure.

● When you edit a existing Airport this Apt is marked deleted (Apt's deleted) and the Airport List
  Item Airport p.e. KJFK has changed into KJFK ????.
  --- if you don't save again this Record it remains marked as 'deleted'.
    Only when you Exit 'Edit Airport' you can Re-Insert this record into the Airport List.
    Just click on 'Apt's deleted List' and confirm.
  --- if you save this Record with or without changes this Rec is Added at the END of the List
    and canceled in the 'Apt's deleted List. The orig. Apt-List-Item is still 'KJFK ????'.

Just make some tests in the beginning. The program is controlling logical errors.

Enjoy

CockpitStatus
including ATIasHold

Cockpit Status MS FS SImCon

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Comp HDG	347,00	VOR	OEG	MVar	E2,8°
Arm AT	0	DME	00.6	nm	
ALT	1267	NDB	GRZ		

BOEING

T I A C
fps °C °F
31 12 54
Wpt 167°/15,8

FSX

35C 347 110.90
46.977786 15.44328

update Open Fuel View x86

Icao [____] Find Airport ILS Load Apt's 13053

Icao   Airport / Rwy   Course   Freq   Elev (ft)

168	(red bars)	Grd	348
(hatched)	1099	(green bars) ILS	347
I~~~		Nav	>1°
I~~~		Adf	180 >

Rwy Hdg 1120 Hdg° Dist Rwy° R-Radial°
35C 347 LOWG 347 0,4 0,5 Align Rwy

wd° ktn
0 ↓ 0
GS 0

LOWG 81 nm 150 km LOWW
LOWGLOWW.PLN

flp-pln

| LGKRLIPU.PLN |
| LICJGMMW.PLN |
| LIPHLIPB.PLN |
| LIPUEGKA.PLN |
| LIPZEGLL.PLN |
| LIPZLIRF.PLN |
| LIRFEGLL.PLN |
| LIRFLICJ.PLN |
| LIRFLIPZ.PLN |
| LOWGAYMN.PLN |
| LOWGEDDB.PLN |
| LOWGEGLL.PLN |
| LOWGKANE.PLN |
| LOWGLJMB.PLN |
| LOWGLOWI.PLN |
| LOWGLOWK.PLN |
| LOWGLOWS.PLN |
| LOWGLOWW.PLN |
| LOWGLPMA.PLN |
| LOWGLSZH.PLN |

Icao [____]
to [____]
Distance

copy a Flight-Plan into your Cockpit GPS

Com1	128.30	stby	128.25	Com2	127.80	stby	127.90
Nav1	110.90	# Stby	110.90	# Nav2	110.60	Stby	116.80
ADF	290			BOEING		XPN	1200

4 Jet

☑ Master Avionic ☑ Battery ☐ Brakes ☐ Pause ☐ Spoiler

☐ AP ☐ FD ☐ Hdg ☐ Alt ☐ Nav ☐ Apr ☐ IAS ☐ Nav/Gps

Lights
☐ Naviga ☑ Panel ☑ Beacon ☐ Recog ☐ Wing
☐ Land ☐ Taxi ☐ Strobes ☐ Cabin ☑ Logo

Fuel Cpty: 57164 56956 100% (FUEL bar) 208

H FLP Path C:\Documents and Settings\Utente\Documenti\File di Flight Plan

ATIasHold
included with CockpitStatus

Cockpit
Status
MS FS
SImCon
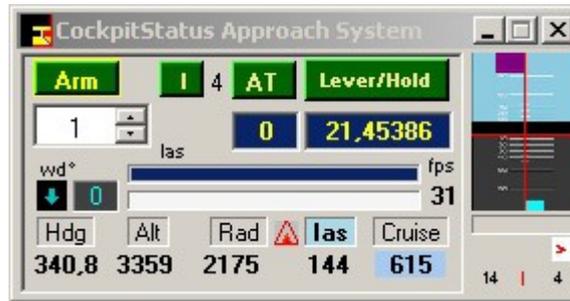
Connect AtIasHold to your Joystick.
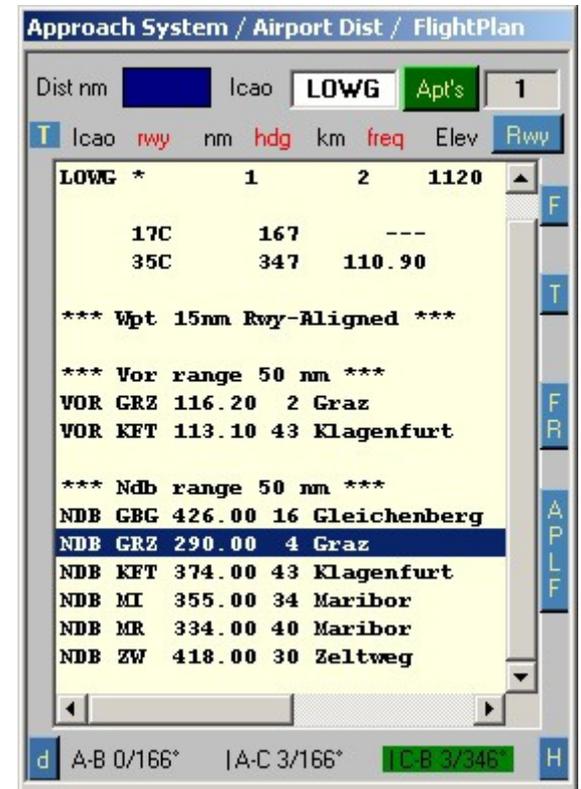
SIMCON

## FSX Simconnect – Approach System
Fuel, Joystick connection, automatic Mouse-Click Interface
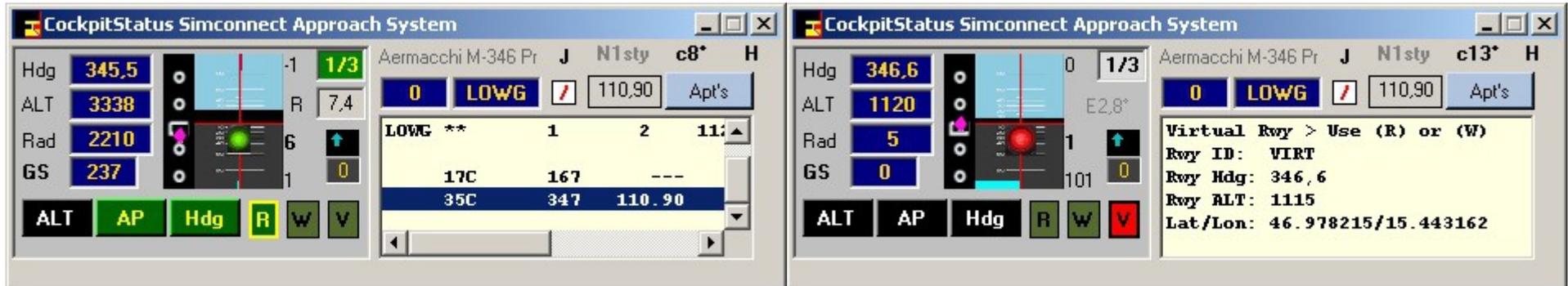
There are 31 JoyStick connections you can edit with the included joystick Editor. This Editor is opening with a click on the ' **J** ' Label
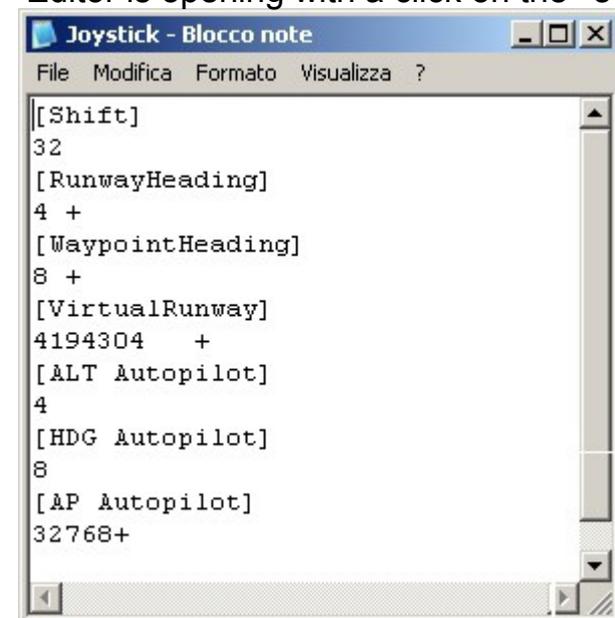
The new Mouse-Click Interface is registering your Clicks.
You create Mouse-Click files for Starting Engines or Shut off engines, Lights or anything else just with one Click.
It seems as the Co-Pilot is moving his hand over the Panel.
Separate Mouse-Click selections for 1+2 way switches,
3 way switches, Up, Middle, Down and multiple left + right clicks.