



geniX Software Development

2057	8:30A	A4	Delayed
268	9:05A	A9	Boarding
810	11:03A	A12	Delayed
706	11:50A	B7	Canceled
1580	12:20P	C11	Delayed
6846	12:45P		
1008	1:05P		

AI Time Table 2

User Guide

AI TimeTable 2 for FSX

Version 1.5.X

Date: 9/28/2010

Table of Contents

1	ABOUT THIS GUIDE	3
1.1	WHO SHOULD USE IT	4
2	INTRODUCTION	5
2.1	PURPOSE	5
2.2	SCOPE	5
2.3	SYSTEM ORGANIZATION	6
2.4	HISTORY	6
3	DESCRIBING THE SYSTEM	7
3.1	KEY FEATURES	7
3.2	PROGRAM INVENTORY	7
3.3	ENVIRONMENT	8
3.4	SYSTEM OPERATIONS	9
4	STARTING AITT2 FOR FSX	12
4.1	FIRST-TIME USERS	12
4.2	REGISTER AITT2 FOR FSX	14
4.3	EXIT AITT2 FOR FSX	15
5	STEP BY STEP INSTRUCTIONS FOR USING AITT2FSX	16
5.1	INSTRUCTIONS	16
5.2	ERRORS AND MALFUNCTIONS	18
5.3	AITT2FSX CONFIGURATION TABS	19
5.4	REAL-TIME INFORMATIONS AND FLIGHT STATUS	24
6	ENRICHING INFOS FOR AITT2FSX	26
7	THE <i>USER</i> FLIGHT	30
8	PRINTING TIME TABLES	32

1 About this guide

This document is divided into the following chapters:

- Chapter 2, "Introduction", that expose a briefing of the program.
- Chapter 3, "Describing the system", that illustrates the general requirements
- Chapter 4, "Starting AI TimeTable 2", that describe a *first start* of AITT2FSX
- Chapter 5, "Step by step instructions for using AITT2FSX", that contains detailed instructions on how deal with the program.
- Chapter 6, "Enriching infos for AITT2FSX", that explain some extra features.
- Chapter 7, "The User Flight", that is focused on the User Flight configuration in AITT2FSX
- Chapter 8, "Printing Time Table", that illustrates the report printing capability.

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1.1 Who Should Use It

This guide is intended for users of different degrees of knowledge and experience with the following applications:

- MS-Windows Operating Systems¹
- MS-FSX (release fsx-sp120070510-2038)
- MS-SimConnect.dll installed (release 10.0.61355.0)

This guide assumes that you have some knowledge of the operating of the above programs and applications.

For more information, see the appropriate related documentation.

¹ Excepets MS-Windows *Vista*

2 Introduction

2.1 Purpose

AI TimeTable is a software simulation of an airport time table for MS-FSX, where the airport location is just where your aircraft is positioned. It is completed with a TTS for speaking flights announcements, optionally.

AITT2 for FSX (AITT2FSX), is the compliant release for MS-FSX of AITT 2 and comes with some light modification both in the user interface and in the global management due to the different interface.

Purpose of this document is to provide all information on how interact with the program.

2.2 Scope

Scope of this guide is to provide a panoramic view of how to play with AITT2FSX.

Further, some mandatory prerequisites are listed in order to run the program.

2.3 System Organization

This document applies to:

- AI TimeTable 2 for FSX
- Version 1.5.x
- All builds

2.4 History

Rel 1.5.6

- The SAPIDII.dll file is no more used.
- The pop-up menu of the program' system tray icon is showed on clicking the right mouse button.
- The "console" window now can be hidden/displayed by clicking twice on the program' system tray icon.

Rel 1.5.5

- A new exciting function is now available: Sound Effects. This function permits to hear a typical airport' ambience sound with the AI flights announcements.

Rel. 1.1.5

- Now, if the airline logo is not available, AITT2FSX will first try to use the value of AIRLINE field (in the Airline Manager window) and next (if this is empty) the value of the CALLSIGN one (as in the latest version)

Rel. 1.1.3

- First public release of the program.

3 Describing the System

3.1 Key Features

AITT2FSX is indicated for people loving airports environments and air-watching in the world of MS-FSX. AITT2 provides to such people a virtual monitor (or a couple of them) that displays the flights that are in and around the airport where the user is located on the ground.

The program permits to use airports and airline logos in a simple manner and provides a logical approach to ensure that all departing flights have a good probability to get an operative flight-number².

For users that wishes to hear flights announcements, AITT supports MS-SAPI 5.x compliant speech engines in order to provide a better airport ambience.

3.2 Program Inventory

AITT2 for FSX application is composed by the following files:

File	Note
Airport.cds	Internal database of ICAO codes-Airport relationship, user editable.
Icao.cds	Internal database of IATA codes-Airlines callsigns relationship, user editable.
Midas.dll	Internal library of AITT2FSX
Aitt2fsx.exe.manifest	.net files the helps loading the RTM version of SimConnect.dll
Aitt2fsx.exe	Main AI TimeTable 2 for FSX executable
Aitt2fsx.ico	Main AI Time Table 2 for FSX icon

² This due to the fact that MS-FSX do not provide aircraft flight number when the aircraft is “sleeping” on the ground.

Aitt2fsx.ini	Main AI Time Table 2 for FSX configuration file
Release notes	AI Time Table 2 for FSX latest release notes
User Manual	AI Time Table 2 for FSX user manual
Flag folder	A folder that contains image (.bmp format) of airlines and airports logos samples.
Sfx folder	Contains .wav files for airport ambience

That must be all together into the destination folder selected by the original setup.

3.3 Environment

To run AITT2FSX is necessary:

- MS-Windows Me / XP / 2000 Operating system
- MS-SimConnect.dll installed (release 10.0.61355.0).
- A running MS-FSX
- A default printer assigned into MS-Windows
- About 7 Mb of free disk space
- About 10Mb of free RAM memory
- (optional) MS-SAPI 5.x installed (with sample voices)
- (optional) Speech engines SAPI 5.x compliant.

We assume also that the system hardware configuration where AITT2FSX will run are adequate to run MS-FSX first.

3.3.1 Special considerations for FSX

In order to get the best from AITT2FSX, below some settings to consider in FSX:

- FSX should be run in *windowed* mode.
- From *General Options*, unflag the item *Pause between applications*.
- 1024x768 pixels of resolution is best suited

3.3.2 Information sources for the program

AITT2FSX information source is mainly the MS-SimConnect AI Object informations data.

In order to display –for some of the aircraft still on the ground – a correct flight-number due to the absence of such data from the SimConnect socket, AITTFSX adopts this behaviour (in sequence):

1. Try to read the proper .bgl traffic file to search for the flight number.
2. Start a logical path to provide a flight number that is compatible with one of the following characteristics at list:
 - Airline
 - National or international flight
 - Geographic area of the flight

The above points permits to AITT2FSX to provide – for that group of flights that comes from FSX with an empty flight number – about the 40% of the correct flight numbers.

Another important aspects of a full correct behaviour of the program is related on **HOW** are corrects the aircraft.cfg files along textures and other things. These configurations will affects **FIRST** your FSX AI environment, next AITT2FSX behaviour: so pay attention especially on atc_airline settings in your aircraft.cfg files because from this value AITT2FSX is able to display IATA code and –if present- airline logo.

3.4 System Operations

AITT2FSX normally should be started **after** the starting of FSX and after positioning your vehicle (aircraft, bus, car, etc.) in an airport; anyway, AITT2FSX has some capabilities that permits *to link with FSX* also if itself was started without FSX running (see further in this manual).

AITT2FSX works as a tray-icon program i.e. it minimize into the tray area of MS-Windows. It has two *working modes*: Console and Traffic³.

In the Console Mode, we have access to configuration panels of the program and with some other infos; in the Traffic modes only the virtual monitor is displayed with flight information:



Fig. 3.1 - The (black-circled) AITT2FSX icon on the Windows' System-Tray Area

A pop-up menu is showed when clicking the right ' mouse button on the AITT2FSX icon:

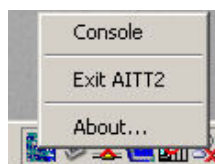


Fig. 3.2 - The figure shows the AITT2FSX pop-up menù.

Below the screenshot of the main form of AITT2FSX that shows immediately the program run:



Fig.3.3 - The figure show the main AITT2FSX window with the main configuration screen

³ Sometimes these modes works together

The most important things to say is that some other configuration parameters are accessible clicking with the mouse pointer on the “grip” area of the slide (see next in this document).

4 Starting AI TimeTable 2

4.1 First-time Users

Note: As for the Installation Guide, to start AITT2FSX click twice with the mouse on the program desktop icon.

The main AITT2FSX interface is the following: please note the error string in the status bar at the left due to the fact that MS-FSX wasn't running...

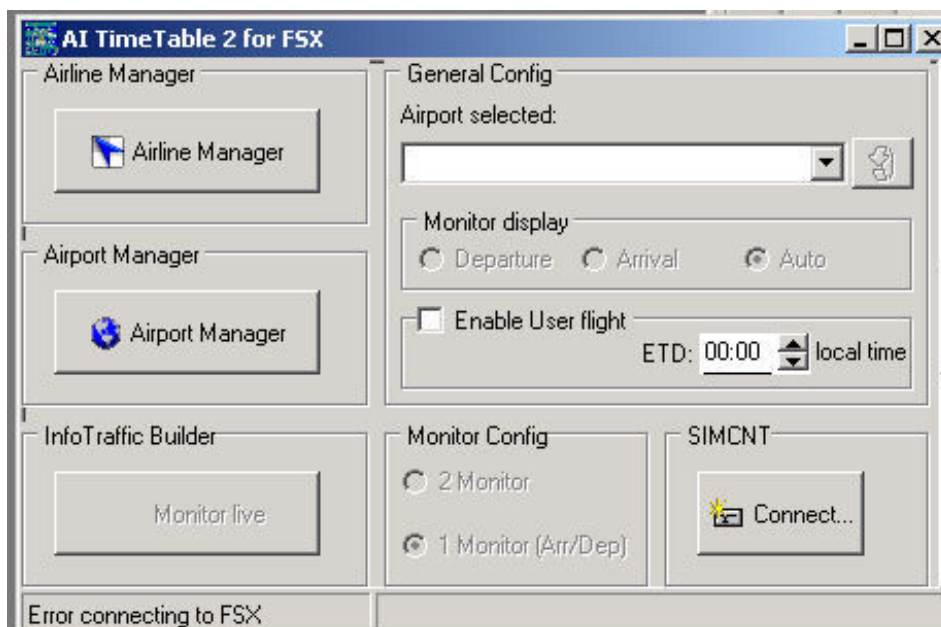


Fig.3-4 - The figure show the main AITT2FSX window with the main configuration screen

On the left, from top to down, we have:

- **Airline Manager button:** clicking on this button, a window will show to permit the configuration of the airline' callsigns, airline name with IATA codes for a **facultative**⁴ image of the logo.

⁴ AITT2FSX will show the callsigns if the logo isn't provided.

- **Airport Manager button:** clicking on this button, a window will show to permit the configuration of airports with ICAO codes; also this is **facultative** as AITT2FSX will show directly the ICAO code if the airport description is not found in the internal database.
- **Monitor live button:** clicking on this button, the monitor(s) window(s) will be showed on the desktop. Each time the button is pressed, AITT2FSX will show (or refresh) the monitor(s) with the current flights around **for that day**. This button is grayed – as in the screenshot - when FSX is freezed or not running and when the program is already collecting data.

In the *General Config* right-side we found:

- **Airport selected:** a listbox containing the airports to be select. The list can be filled from one of these sources:
 - Internal AITT2FSX airport database
 - FSX live-referenced airports (i.e. the **current** flights' departure/arrival airport)

The above source configuration is present in **Real-Time** configuration tab (see further in this document).

The button next the list (*refresh button*), is active only when the source is FSX and there is an active fsuipc link to MS-FSX.

- **Monitor display:** it defines what is displayed in the *single-way* monitor⁵:
 - Departure only flights.
 - Arrival only flights.
 - Automatic mode: Departure and Arrival are displayed in alternate mode with a timing defined in the **Real-Time** configuration tab (see further in this document).
- **(Enable) User flight:** if there is an active flight-plan and you wish to see your flight monitored in AITT2FSX, flag the item; in few milliseconds, the ICAO destination and arrival airport will be displayed into the box and you will be able to define the departure time (**in local time**).

⁵ **The default for AITT2FSX Shareware version**

- **Monitor config:** it defines how many monitors will be on the display:
 - One monitor for both Departure and Arrival flights.
 - One monitor for Departure and one for Arrival flights.
- **(SIMCNT) Connect button:** this button permits, in case of lost link to MS-FSX Simconnect for some reasons, to re-create the connection without exiting the program.

4.2 Register AITT2 for FSX

AITT2FSX is first released as shareware form, with the following limitations:

3. Max 5 flights listed in the monitor
4. Only one monitor at a time.

In order to *unlock* the above limitations, you must have registered the programs buying a personal license from the vendors.

Having these data, click first on the slider and select the **Register** tab:



Fig.4-1 - Inputs for the register tab

Type the user-id and serial number you get into the appropriate fields and then click on the **Register AITT2** button: if the data are valid, your copy of AITT2FSX is well registered. Thank you!

4.3 Exit AITT2 for FSX

To exit AITT2FSX program, there are two methods to use for your choice:

Clicking on the standard Windows *close button*, on the upper left corner of AITT2FSX main window OR select the **Exit AITT2** menu selection from the pop-up menu (see *Fig.3-4 or 3-5*).

5 Step by Step Instructions for using AITT2FSX

In the following chapter, we'll assume that AITT2 for FSX is up and running together with MS-FSX: so, before continue reading this user guide, please **START AITT2FSX BY DOUBLE-CLICKING ITS DESKTOP ICON**

5.1 Instructions

The first thing we do is to observe the main AITT2FSX window:

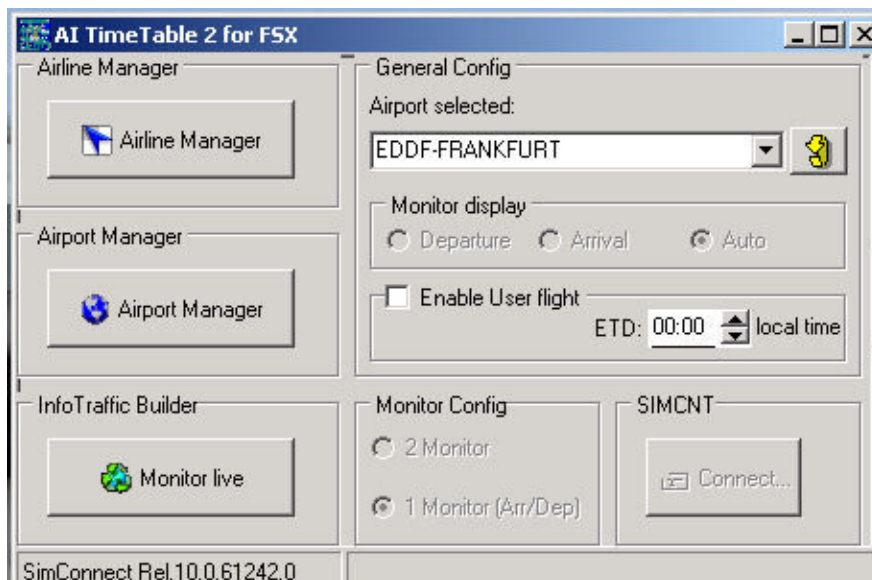


Fig.5-1 – The main (working) AITT2FSX window

This windows actually uses an airport list derived from arrivals and departures airport near your aircraft and we have selected EDDF (FRANKFURT).

Now, simply click on the *Monitor live* button and the monitor(s) will appears:

FRANKFURT DEPARTURES

AIRLINE	FLIGHT	TO	T...	GATE	REMA...
Lufthansa	LH 978	MUNICH	16:19	Gate A 25	LAST CA
Lufthansa	LH 1356	STUTTGART	16:19	Gate A 36	LAST CA
Lufthansa	LH 720	BEIJING	16:19	Gate B 45	LAST CA
Lufthansa	LH 1008	HANNOVER	16:19	Gate B 43	Closed
Lufthansa	LH 3974	BOLOGNA	16:19	Gate A 13	LAST CA
Lufthansa	LH 188	BERLIN TEGEL	16:19		Closed
Lufthansa	LH 3304	WARSAW	16:29	Gate A 14	LAST CA
Lufthansa	LH 728	PUDONG	16:29	Gate B 42	LAST CA
Lufthansa	LH 3956	MILAN LINATE	16:30	Gate A 42	Boarding
Lufthansa	LH 4588	BRUSSELS	16:30	Gate A 38	Boarding

Wed 17 feb 2010 16:32 +1 UTC
Aircraft:A321

Fig.5-2 – Departure Monitor

MUNICH ARRIVALS

Flughafen München

AIRLINE	FLIGHT	FROM	TIME	GATE	REM...
Lufthansa	LH 3361	ANKARA ESENBOG	16:57	Gate 211	Landed
Lufthansa	LH 4757	LONDON HEATHRO	17:13	Gate 151	Landed
Lufthansa	LH 1275	COLOGNE-BONN	17:13	Gate 217	Landed
BRITISH AIRWAYS	BA 960	LONDON HEATHRO	17:19	Gate 105	Landed
Lufthansa	LH 1027	HANNOVER	17:24		Landing
Lufthansa	LH 689	TEL AVIV	17:24		Landing
Lufthansa	LH 3231	KIEV	17:29		On Time

Wed 17 feb 2010 17:22 +1 UTC

Fig.5-3 – Arrival monitor

The AITT2FSX main window (console) now can be iconized clicking twice on the program' system tray icon.

Note: All the time values displayed are rounded to 0 or 5 last minute digit

5.2 Errors and Malfunctions

AITT2FSX, in the majority of cases, can continue working also if some data are not arriving from SimConnect. In the case of error dialog, click on the error dialog button and wait the program re-synchronization with FSX.

If this not happen for a couple of minutes, please close and restart the program⁶.

In the case of program-freezing, use MS-WINDOWS Task Manager application to select, from the tab "Processes", the process name AITT2FSX and click on the "Terminate" button.

Note: The <Connect> button will be enabled only if FSX was shutted down. In this manner, it is not necessary to shut down also AITT2FSX, but simply wait for FSX to be live again (and next click on the Connect button).

5.2.1 AITT2 for FSX Messages

These messages could be displayed on the AITT2FSX GUI:

Message	Where	Why
Reading live airports and live traffic files...	Main AITT2FSX window status bar (left or right side)	Reading AI Object Data coming from Simconnect
FS Freezed...Waiting	Monitor(s) or main AITT2FSX window status bar (left side)	FSX is not in <i>Ready to fly mode</i> ⁷
Waiting to reconnect...	Monitor(s)	FSX may be in a freezing state and AITT2FSX will try to reconnect each 20 secs.

⁶ Only one instance of AITT2FSX is allowed at a time

⁷ when FSX is loading, or reloading a flight or aircraft or scenery.

Collecting data...	Monitor(s)	Retrieving live flight information from MS-FSX
MS-SAPI or Speech Engines not installed	Main AITT2 application	MS-SAPI runtime 5.x is not installed into the system OR there is no Speech Engine available

5.2.2 SimConnect specialized messages

Below the table the display FSUIPC (error) messages that can appears in the status bar of AITT2FSX main window:

Message	Why
<SimConnect release string>	Connection with SimConnect FSX-side ok
"Error connecting to FSX"	Connection with SimConnect FSX-side failed

5.3 AITT2FSX configuration tabs

In this chapter we are going to explain the various optional settings of AITT2FSX.

The options tab are normally hidden in the main AITT2FSX window; as explained into Cap.4.1 click on the slider button on the right side.

Next click on the chosen tab (Behaviour, Real-Time or Register) to see the related set of options.

5.3.1 Behaviour options

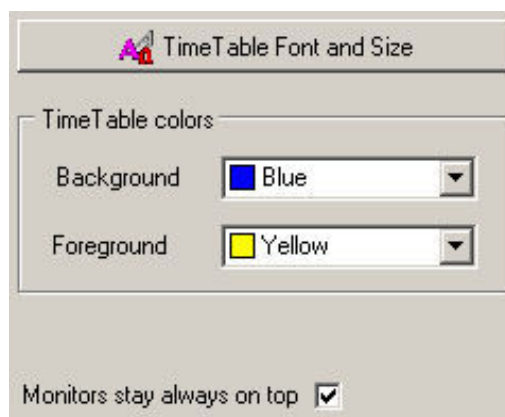


Fig.5-4 – Behaviour options tab

In the TimeTable colors options you can chose the time-table grids background and foreground colors, simply clicking on the arrows to chose the desired color.

The Monitors stay always on top let you configure AITT2FSX Monitors as an *always on top* window, i.e. the monitor will be displayed always on top of the other windows on your desktop. Once selected/deselected, you must click on the “Monitor Live” button to apply the change.

Clicking on The TimeTable Font and Size button, a window will appears:

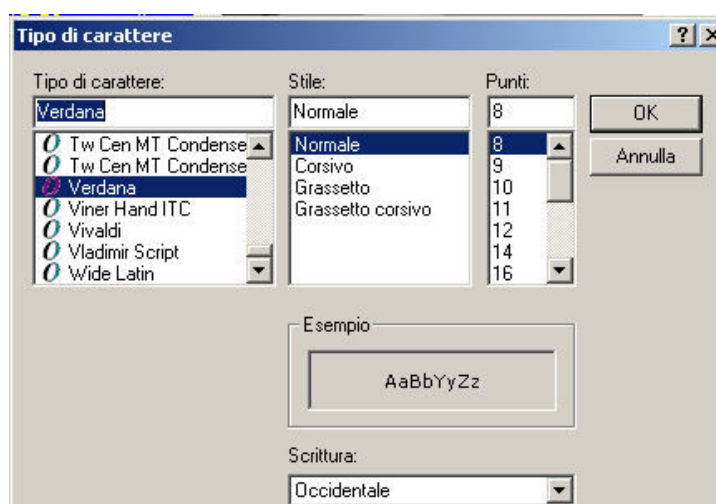


Fig.5-5 – Font and Size dialog window

In this window is possible to chose wich character font, style and size.

Click <OK> to immediatly set the values to AITT2FSX

Note: The screenshot is in Italian language; each AITT2FSX installation will get here the appropriate interface languages.

5.3.2 Real-time options

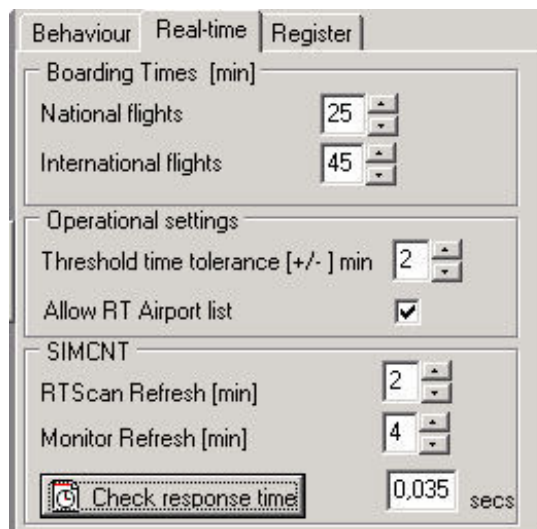


Fig.5-5 – RealTime options

Boarding Times [min]: sets the threshold for National flights and Internation flights boarding time (that is subtracted from official traffic bgl departure time) in order to display the “Boarding” status in the REMARKS column during the aircraft “sleeping” time.

Operational settings:

- Threshold time tolerance [+/- min]: set the minutes range in which a landing/departing flight is declared “On time” status in the REMARKS column. This value is respect to the supposed arrival time based on the distance and altitude from the current airport and on departure time as it is coded into the traffic file (for departure aircraft).
- Allow RT Airport list: set the showing on/off of the list with live airports; the list is filled with the airports collected from FSX.

(Simconnect) SIMCNT related:

- RTScan refresh [min]: set the minutes interval for polling MS-SimConnect to get AI live traffic.

Warning: On very traffic-dense airports set this value to 2 or 3 minutes refresh

- Monitor refresh [min]: set the minutes interval of swapping from Departure to Arrival display when AITT2FSX is in one-monitor mode.
- Check response time button: clicking on this button, AITT2FSX will report the time-interval – in seconds – between a request from AITT2FSX and the answer(s) from MS-FSX through the SimConnect interface. This is for troubleshooting purpose only.

5.3.3 SFX Options

This Options are working only if the user has Windows with MS-SAPI 5.x installed. This installation is easy to found on Microsoft main site or here (see AITT2fsx Release notes for further information):

<http://www.microsoft.com/downloads/details.aspx?FamilyID=5e86ec97-40a7-453f-b0ee-6583171b4530&displaylang=en>

Anyway, the display is the following:

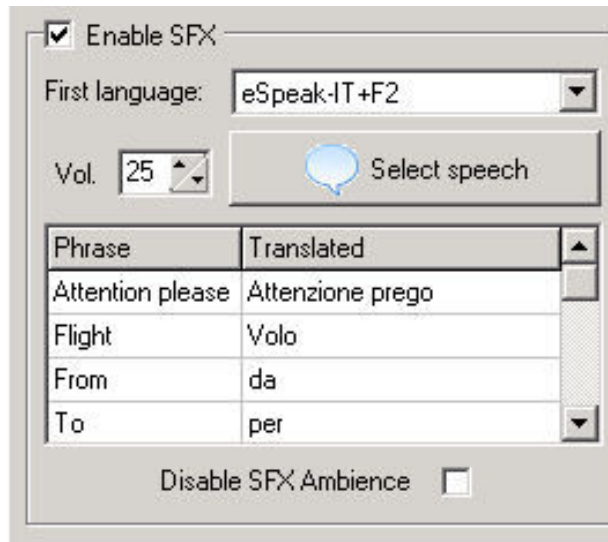


Fig. 2 – SFX options

If AITT2fsx, at the startup, did not find any SAPI (or speech engine) installation, there will be a message windows. The “Enable SFX” group will be unchecked: so AITT2fsx will works as until now.

In the case that it is all ok, for the first time you must go on this tab and select the speech engine (or voice) you like to hear in the flight announcements; **confirm this clicking on the “Select speech” button.**

Another important step is the translation table: here you must translate (in the voices language) the foundation phrases of the announcements (those in the *phrase* column). Your translation must be edited into the respective *translated* column⁸.

The table here has a pop-up menu that is showed when you click on the right mouse button:

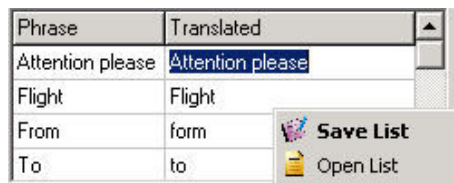


Fig.3 SFX Pop-up menù

To sve your editing, click onto the “Save list” item. Your translated foundation will be saved with the .dat extension and the name equal to the language selected.

So, once you need to change your speech voices, if available, the proper foundation file will be loaded.

At any time you can deselect the “Enable SFX” in order to stop TTS flight announcements. However, if you don’t want ambience effects only, please select the “Disable SFX ambience” check-box.

Note: The ambience wave will stop at last one minute after your pushback !!

5.4 Real-time informations and flight status

Below the table with the *template* of flight status info displayed by AITT2FSX:

REMARKS	NOTE
DELAYED (upon departure)	Aircraft is reported to be standing still on the ground after departure time has expired
DELAYED (upon arrival)	Aircraft is reported to be still airborne after arrival time has expired
CLOSED	Valid for both Departures and Arrivals: the aircraft is reported as taxiing (after departure time) or parked at a gate (after arrival)
LANDED	Aircraft is reported to be already on the ground after arrival time has expired
ON TIME (upon departure)	Aircraft is reported on ground and next to boarding time or is not on ground but under the DELAY/CLOSED threshold
ON TIME (upon arrival)	Aircraft is reported on air (within FSUIPC TCAS range) and/or arrival time is under the DELAY/LANDED threshold
BOARDING	Aircraft is reported to be standing still on the ground within the boarding interval from departure time
LAST CALL	Aircraft is reported as start to ready departing from the gate in few minutes.
LATE BOARD	The departure time is expired but we are still below the threshold time value.
XX:XX	Valid for Arrivals only: the flight arrival time estimate for the XX:XX local time

Note: Real Time info about the AI traffic aircrafts is taken from SimConnect data and only aircrafts within 20 Km. from the user aircraft are included.

5.4.1 Flight announcements

The flight announcements, when available, are spoken in the following flight remarks:

REMARKS	ANNOUNCEMENTS STRINGS
DELAYED (upon departure)	Phrase[1]+", "+Airline +", "+Phrase[2]+ " "+Flight+" "+Phrase[4]+ " "+Airport+", "+Phrase[7]
DELAYED (upon arrival)	Phrase[1]+ "+", "+Phrase[2]+ " "+Airline + " " "+Flight+" "+Phrase[3]+ " "+Airport+" "+Phrase[9]+ Time+", "+Phrase[7]+". "
LANDING	Phrase[1]+", "+ Phrase[2]+ " "+Airline + " "+Flight+" "+Phrase[3]+ " "+Airport+", "+Phrase[10]
BOARDING	Phrase[1]+", "+Airline +", "+Phrase[2]+ " "+Flight+" "+Phrase[4]+ " "+Airport+", "+Phrase[5]

⁸ Also for the english, please.

LAST CALL	Phrase[1]+", "+Phrase[6]+" "+Airline + " , "+Flight+" "+Phrase[4]+" "+Airport
XX:XX	Phrase[1]+", "+ Phrase[2]+" "+Flight+" "+ Phrase[3]+" "+Airport+" "+Phrase[9]+" "+Time+", "+ Phrase[8] + " "+RemarkTime

Legend:

“Attention please”=Phrase[1];

“Flight”=Phrase[2];

“From”=Phrase[3];

“To”=Phrase[4];

“Now boarding”=Phrase[5];

“Last call for flight”=Phrase[6];

“is Delayed”=Phrase[7];

“Is Estimated to arrive at”=Phrase[8];

“Of”=Phrase[9];

“is landing”=Phrase[10];

6 Enriching infos for AITT2FSX

AITT2FSX, in its basic installation and configuration, use a sample set of ICAO codes to get airport description into grids together a set of bmp files that represents airline flags⁹ and airport logos too¹⁰.

Every user can add, delete or modify this sets in order to give descriptions and visual flag to airlines.

This jobs are performed using two windows that are available from the main AITT2FSX folder:

- Airport Manager
- Airline Manager

6.1.1 Airport Manager

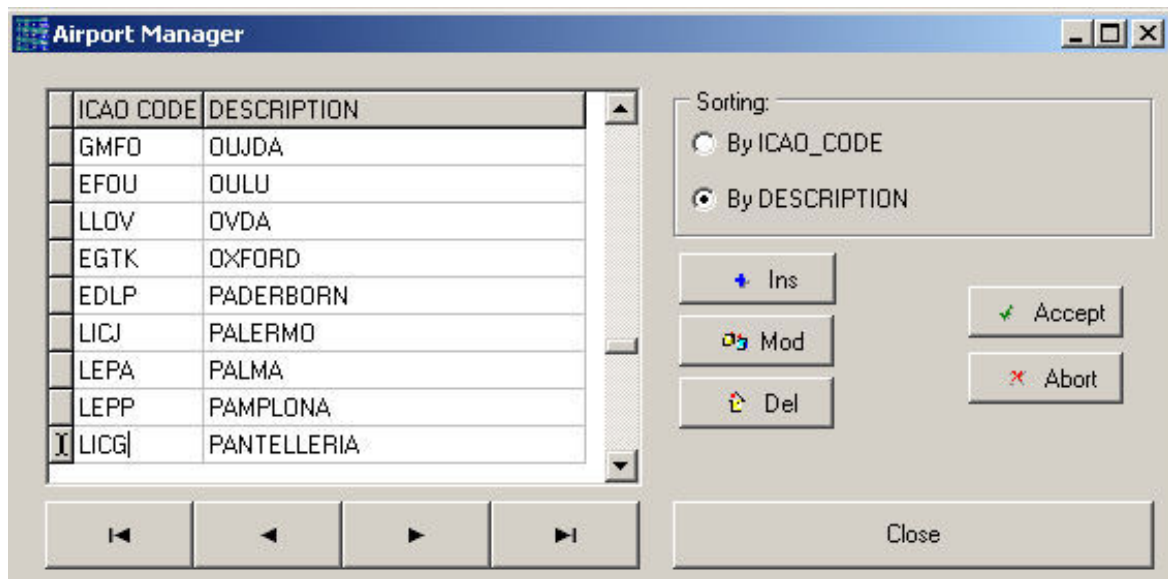


Fig-6-1- Airport manager window

⁹ All bitmaps are copyrighted to and trademarks of their owners.

To navigate the list, use the buttons:

|< , to set the cursor on the first record of the list

< , to moves the cursor one record up the list

> , to moves the cursor one record down the list

>| , to set the cursor on the last record of the list

It's possible to sort the list in two modes: by ICAO description column and by Airport DESCRIPTION column.

To modify the list, use the buttons:

- **Ins**, to adds a new record to the list
- **Del**, to deletes the current selected record from the list
- **Mod**, to edits the current record¹¹
- **Accept**, to confirms the last operation (adding, editing or deleting a record)
- **Abort**, to aborts last operation of adding, editing or deleting a record

Note: If the <Accept> button is not enable, this means that your modification was already confirmed (this happens when moving cursor between fields).

At the end of your activity, click on the “Close” button to close the window.



To INSERT a new airport: click on “+” to add a new record, fill-in the fields, then “Accept” for confirmation or “Abort” to abort.



To DELETE a new airport: clock on “-“ to delete the current (selected) record, then “Accept” for confirmation or “Abort” to abort.



EDIT an airport: click on “^” to put the selected record in editing mode, perform the modification, then click on “Accept” for confirmation or “Abort” to abort.

¹⁰ All bitmaps are copyrighted to and trademarks of their owners.

¹¹ It is possible to edit a record simply by selecting it and clicking on one of the fields; the cursor displays the edit (I) mode.

6.1.1.1 Airports logo

It is possible to display on the up-middle of monitors a logo representing the airport.

To working with this feature, simply create/copy a bitmap with the name equal to the four-letter code of the airport into the *flag* folder.

In this way, AITT2FSX each time will load the airport monitor, it will search for the airport ICAO code .bmp file and, if found , will display it. (see the figure 5.3 above for an example)

6.1.2 Airline Manager

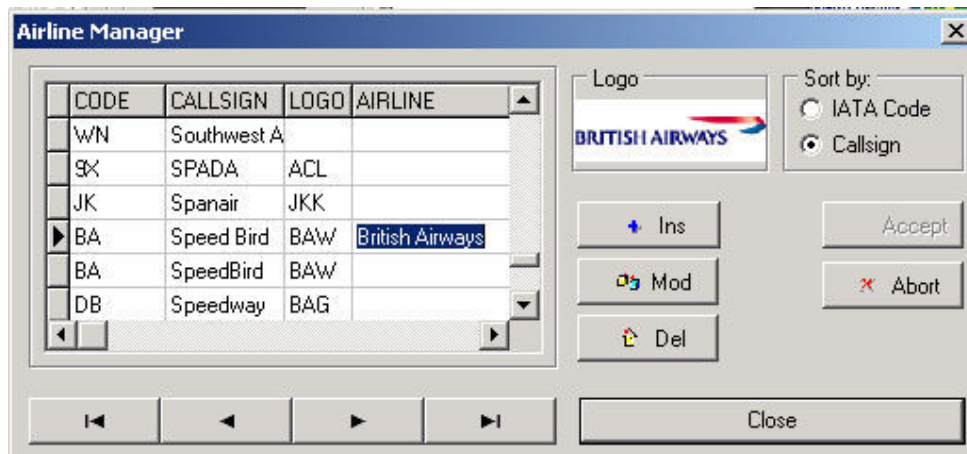


Fig.6-2 – Airline Manager window

To navigate the list, use the following button:

- |< = sets the cursor on the first record of the list
- < = moves the cursor one record up the list
- > = moves the cursor one record down the list
- >| = sets the cursor on the last record of the list

It's possible to sort the list in two modes: by IATA code column and by airline' CALLSIGN column.

If the bitmap is available, it will be displayed in the related frame on the window, otherwise AITT2FSX will try to get the airline name value and next, if this is empty, the callsign one.

To modify the list, use the buttons:

Ins , to add a new record to the list

Del , to delete the current selected record from the list

Mod , to edit the current record¹²

Accept , to confirm the last operation of adding, editing or deleting a record

Abort , to abort last operation of adding, editing or deleting a record

Note: To edit the airline logo, click on the [...] button that appears at right in the logo field: a browse directory dialog window will appear for choosing the flag bitmap into the flag directory.

At the end of your activity, click on the “Close” button to close the window.



To INSERT a new airline: click on “+” to add a new record, fill-in the fields, then “Accept” for confirmation or “Abort” to abort.



To DELETE a new airline: click on “-” to delete the current (selected) record, then “Accept” for confirmation or “Abort” to abort.



To EDIT an airline: click on “^” to put the selected record in editing mode, perform the modification, then click on “Accept” for confirmation or “Abort” to abort.

Note: If the <Accept> button is not enable, this means that your modification was already confirmed (this happens when moving cursor between fields).

The AIRLINE field is not used yet by AITT2FSX

¹² It is possible to edit a record simply by selecting it and clicking on one of the fields; the cursor displays the edit (I) mode.

7 The user flight

The user flight behaviour of AITT2FSX permits to “load” into the flights monitor, the “active” flight plan that is associated to the user aircraft.

This “User” flight (UF) is monitored into the timetable as it was a normal AI traffic flight.

To activate this features, click on the “Enable User Flight” flag in the “General Config” set of the main AITT2FSX form: if there is an active flight plan for that aircraft, the ICAO code of destination and origin airport will be displayed:

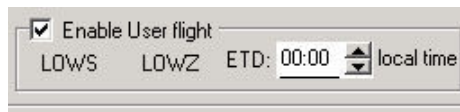


Fig. 6-1 – User flight set

The above example is for a flight from Salzburg to Zell-am-See (Austria).

The Estimated Time Departure (ETD) should be set at the time the user thinks to close the door...

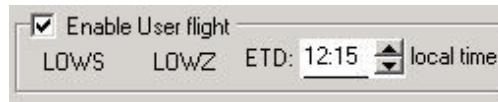


Fig 6-2 – User flight set completed

Now is possible to next click the “Monitor Live” button, set to the departure airport:

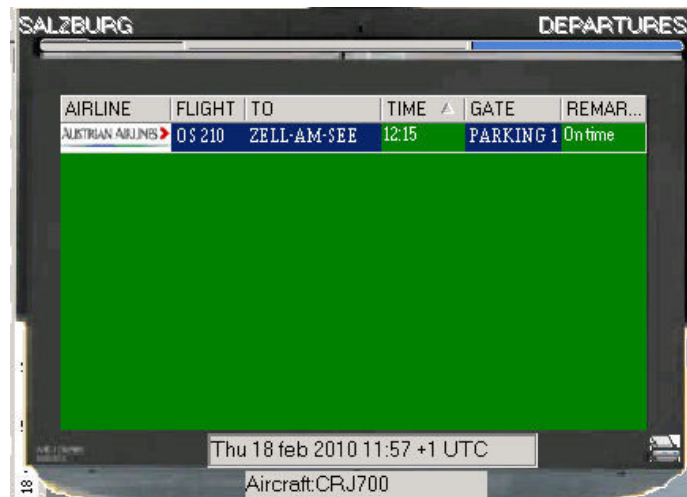


Fig.6-3 – Departure monitor with the UF

From this moment on, the UF will be monitored as it was an AI flight in your environment.

Note: *The Arrival monitor will display UF around the middle of the whole flight¹³*

Note: **To remove the User Flight, simply uncheck the Enable User Flag.**

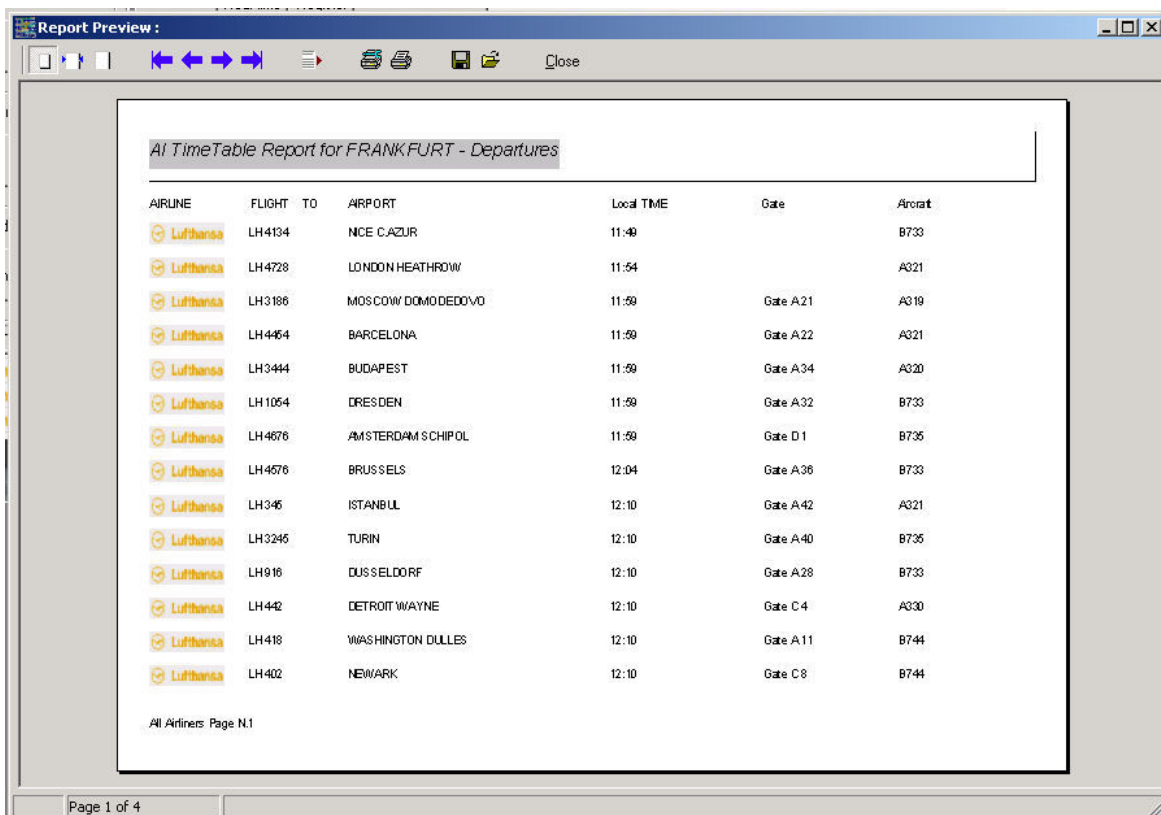
¹³ **Based on # of waypoints into the FP**

8 Printing time tables

To print a time table, click on the  button on the down left side of monitor.

Note: If AITT2FSX is busy, the button will not show the “mouse-pressing” behaviour: wait just a couple of seconds.

The following screen will appear, depending on airport and monitor type (Arrivals or Departures):



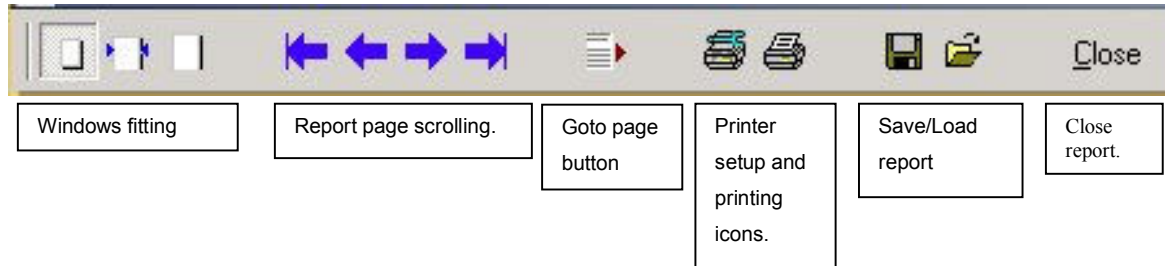
AIRLINE	FLIGHT	TO	AIRPORT	Local TIME	Gate	Aircraft
Lufthansa	LH4134	NICE	CAZUR	11:49		B733
Lufthansa	LH4728	LONDON	HEATHROW	11:54		A321
Lufthansa	LH3186	MOSCOW	DOMODEDOVO	11:59	Gate A21	A319
Lufthansa	LH4464	BARCELONA		11:59	Gate A22	A321
Lufthansa	LH3444	BUDAPEST		11:59	Gate A34	A320
Lufthansa	LH1054	DRESDEN		11:59	Gate A32	B733
Lufthansa	LH4676	AMSTERDAM	SCHIPOL	11:59	Gate D1	B735
Lufthansa	LH4576	BRUSSELS		12:04	Gate A36	B733
Lufthansa	LH3346	ISTANBUL		12:10	Gate A42	A321
Lufthansa	LH3246	TURIN		12:10	Gate A40	B735
Lufthansa	LH916	DUSSELDORF		12:10	Gate A28	B733
Lufthansa	LH442	DETROIT	WAYNE	12:10	Gate C4	A330
Lufthansa	LH418	WASHINGTON	DULLES	12:10	Gate A11	B744
Lufthansa	LH402	NEWARK		12:10	Gate C8	B744

All Airlines Page N.1

Page 1 of 4

Fig.7-1 – Sample report printing

On the top of this windows you'll find some icons with the functionalities illustrated by hints activated by mouse pointer on them:



Note: The printed report is sorted only on the *Time* field
