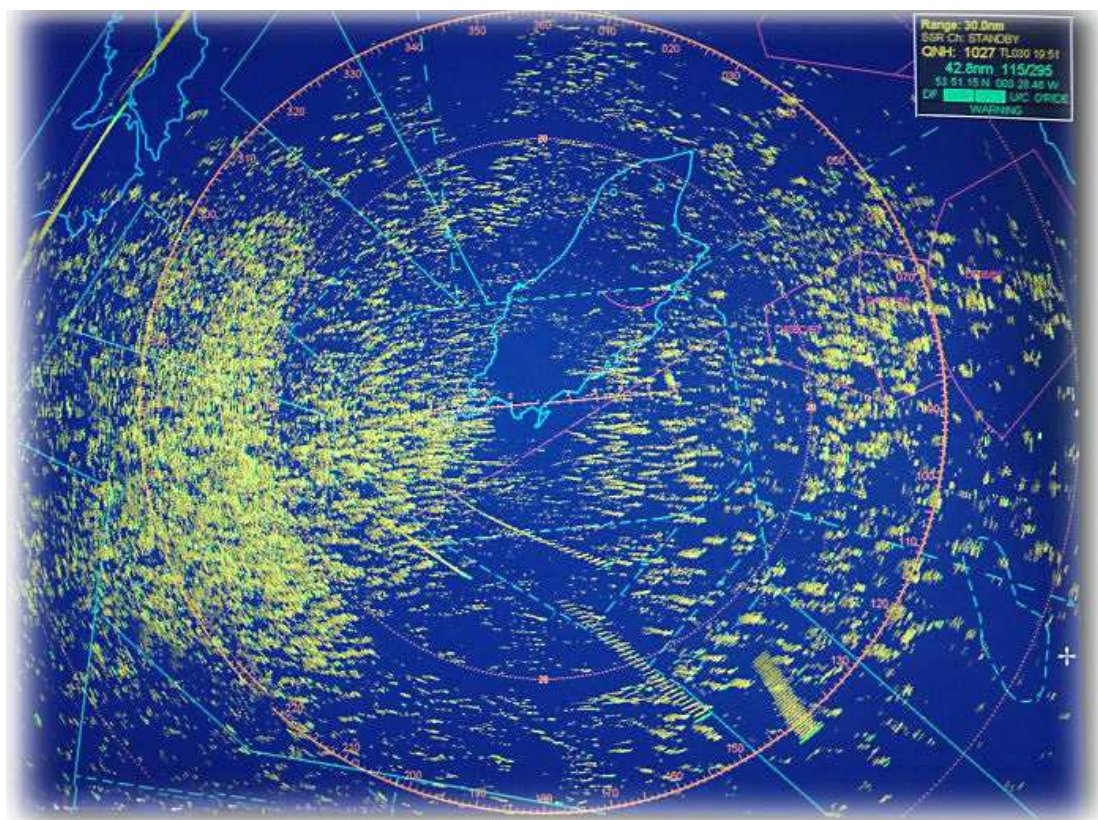


AccAssistant

1.0.0.4

Operating guide



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Airport Setup

Airport Code: LICJ

Airport Name: Palermo Punta Raisi

Labels for each Squawk counter: Labels for each Squawk counter

AIRAC Import feature: AIRAC Import

Alternate METAR station: Metar Alternate: []

Fixed Transition Altitude: (only for countries where TA is fixed for the airport) Transition Altitude: 5000

Fixed Transition Level: (only for countries where TA is fixed for the airport) Fixed Transition level: []

4 squawk range counter: Examples: Domestic, International, Transit etc. etc.

Override RWY usage calculation: Today RWY Override

More Informations (SID/STAR/Approach and Holdins)

SID	STAR	APP	HOLD
PRS VOR 1 -> 029° LEFT 5000ft.			
PRS VOR 2 -> 246° RIGHT 5000ft.			
PRS (L) -> 029° LEFT 5000ft.			
SALAP -> 144° RIGHT 5000ft.			
KOLOR -> 204° LEFT 5000ft.			
RONDI -> 144° LEFT 5000ft.			
SPUMA -> 198° RIGHT 5000ft.			

Today RWY Override

Takeoff Runway: []

Landing Runway: []

Clear

Override RWY usage calculation

More Informations (SID/STAR/Approach and Holdins)

Add **Remove**

RWYs: [] [] [] []

Name: PRS VOR 1

Description: 029° LEFT 5000ft.

RWY usage Calculation – providing rules

1st (optional) Rule for RWYs usage calculation: wind calm or variable or less then <X> kts.

Airport Code: LIRF

Airport Name: Roma Fiumicino

1. Squawk Range: 1730-1777

2. Squawk Range: 1201-1277

3. Squawk Range: []

4. Squawk Range: []

Labels: []

Labels: []

Wind: Wind calm or Variable <= 7 kts. Runway in use for Takeoff: 25

Wind: Wind calm or Variable <= 7 kts. Runway in use for Landing: 16L/R

Cross/Tail Wind component: Cross/Tail Wind component <= 13 / 5 kts. Runway for Takeoff: 25

Cross/Tail Wind component: Cross/Tail Wind component <= 13 / 5 kts. Runway for Landing: []

Other Wind Condition - Runways for Takeoff: 16L/R 34L/R 07

Other Wind Condition: []

Today RWY Override

Takeoff Runway: []

Landing Runway: []

Clear

More Informations

SID: GILIO 5C -> GILIO 5D -> MEDAL 5A -> OST - MEDAL

STAR: AGASA 5A -> OST - RAVAL - GISPA - AGASA

APP: GISPA 5A -> OST - RAVAL - GISPA

HOLD: TINTO 5A -> OST - LUNAK - VALMA - TINTO

TIBER 5A: TIBER 5A -> OST - PRA (MCA6000) CMP113/18 TIBER

TIBER 5B: TIBER 5B -> OST - PRA - CMP113/18 TIBER

RWYs: [] [] [] []

Name: GILIO 5C

Description: OST - MEDAL - GILIO (MCL200)

To be read as: when wind is VRB or less then 7 kts, RWY in use for takeoff will be 25

To be read as: when wind is VRB or less then 7 kts, RWY in use for landing will be 16L or 16R

2nd (optional) Rule for RWYs usage calculation:

if previous rule fails and crosswind component less then <X> kts. and Tail wind component less than <Y> kts.

Airport Config

Airport: **LIRF** New Delete Close Copy AIRAC Import

Airport Name: Roma Fiumicino

1. Squawk Range: 1730-1777 Label:
 2. Squawk Range: 1201-1277 Label:
 3. Squawk Range: Label:
 4. Squawk Range: Label:

Wind calm or Variable <= 7 kts. Runway in use for Takeoff: 25 Today RWY Override
 Wind calm or Variable <= 7 kts. Runway in use for Landing: 16L/R Takeoff Runway:
 Cross/Tail Wind component <= 13 / 5 kts. Runway for Takeoff: 25 Landing Runway:
 Cross/Tail Wind component <= 13 / 5 kts. Runway for Landing: 16L/R
 Other Wind Condition - Runways for Takeoff: 16L/R 34L/R
 Other Wind Condition - Runways for Landing: 16L/R 34L/R

More Informations (SID/STAR/Approach and Holdins)

SID: **GILIO 5C** Name: **GILIO 5C**
 STAR: **GILIO 5D** Description: **OST - MEDAL - GILIO (MCL200)**
 MEDAL 5A -> OST - MEDAL - GILIO (MCL100)
 AGASA 5A -> OST - RAVAL - GISPA - AGASA
 GISPA 5A -> OST - RAVAL - GISPA
 TINTO 5A -> OST - LUNAK - VALMA - TINTO
 TIBER 5A -> OST - PRA (MCA6000) CMP113/18 TIBE
 TIBER 5B -> OST - PRA - CMP113/18 TIBER

To be read as:
 when crosswind component is less then 13 kts and Tailwind component is less then 5 kts., RWY in use for takeoff will be 25

To be read as:
 when crosswind component is less then 13 kts and Tailwind component is less then 5 kts., RWY in use for takeoff will be 16L/R

Last Rule for RWYs usage calculation:

if previous rules fails then calculate the RWY using wind source.

Airport Config

Airport: **LIRF** New Delete Close Copy AIRAC Import

Airport Name: Roma Fiumicino Metar Alternate:
 1. Squawk Range: 1730-1777 Label:
 2. Squawk Range: 1201-1277 Label:
 3. Squawk Range: Label:
 4. Squawk Range: Label:

Wind calm or Variable <= 7 kts. Runway in use for Takeoff: 25 Today RWY Override
 Wind calm or Variable <= 7 kts. Runway in use for Landing: 16L/R Takeoff Runway:
 Cross/Tail Wind component <= 13 / 5 kts. Runway for Takeoff: 25 Landing Runway:
 Cross/Tail Wind component <= 13 / 5 kts. Runway for Landing: 16L/R
 Other Wind Condition - Runways for Takeoff: 16L/R 34L/R 07 25
 Other Wind Condition - Runways for Landing: 16L/R 34L/R 07 25

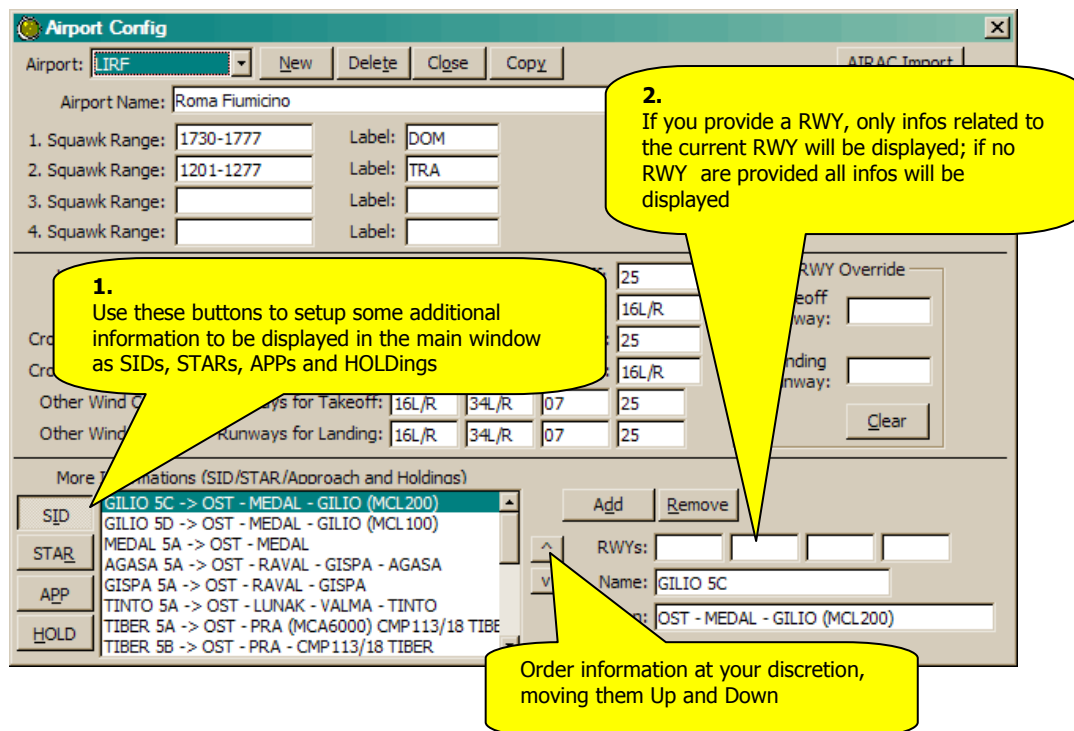
More Informations (SID/STAR/Approach and Holdins)

SID: **GILIO 5C** Name: **GILIO 5C**
 STAR: **GILIO 5D** Description: **OST - MEDAL - GILIO (MCL200)**
 MEDAL 5A -> OST - MEDAL - GILIO (MCL100)
 AGASA 5A -> OST - RAVAL - GISPA - AGASA
 GISPA 5A -> OST - RAVAL - GISPA
 TINTO 5A -> OST - LUNAK - VALMA - TINTO
 TIBER 5A -> OST - PRA (MCA6000) CMP113/18 TIBE
 TIBER 5B -> OST - PRA - CMP113/18 TIBER

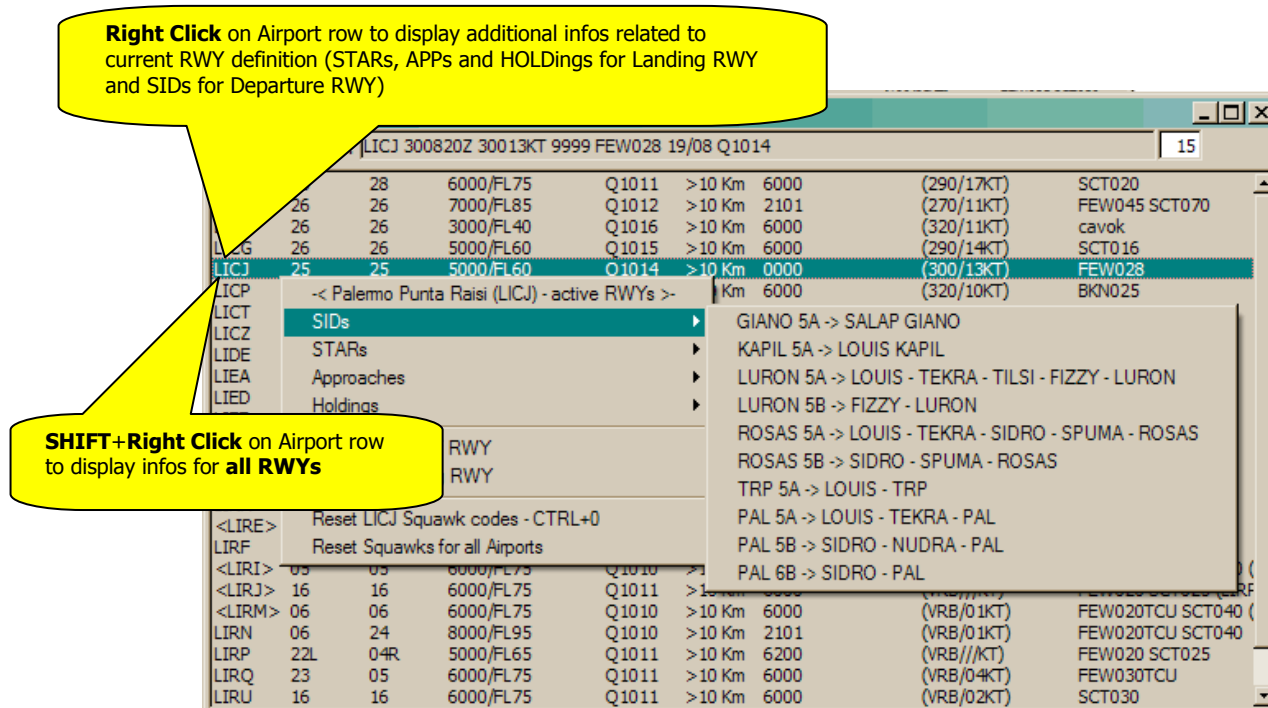
To be read as:
 in all other condition, RWY available for Takeoff will be 16L/R, 34L/R, 07, 25

To be read as:
 in all other condition, RWY available for Takeoff will be 16L/R, 34L/R, 07, 25

Other Infos



Example:

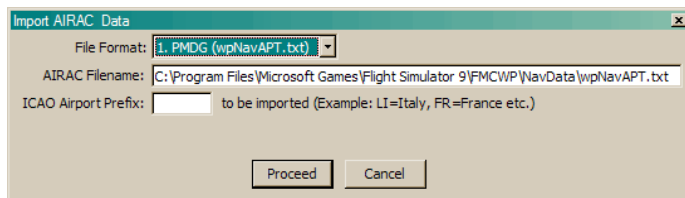


Airac Import Function

Using the AIRAC Import button you are able to import RWYs information or SID/STAR from an AIRAC file (only PMDG format at the moment).

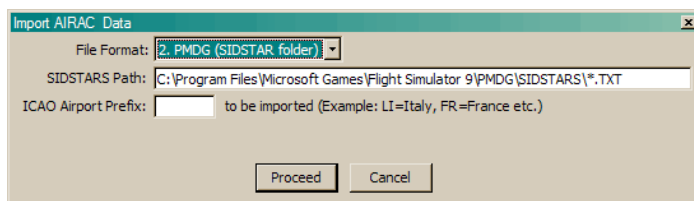
The function 1. will extract all Rwy info from the file and will use availability of an ILS or RWY length to determine the Runway to be used as preferential.

Note: **No modification are made to existing Airport RWYs data definition.**



The function 2. will extract all SID/STAR from the availables SID/STAR files

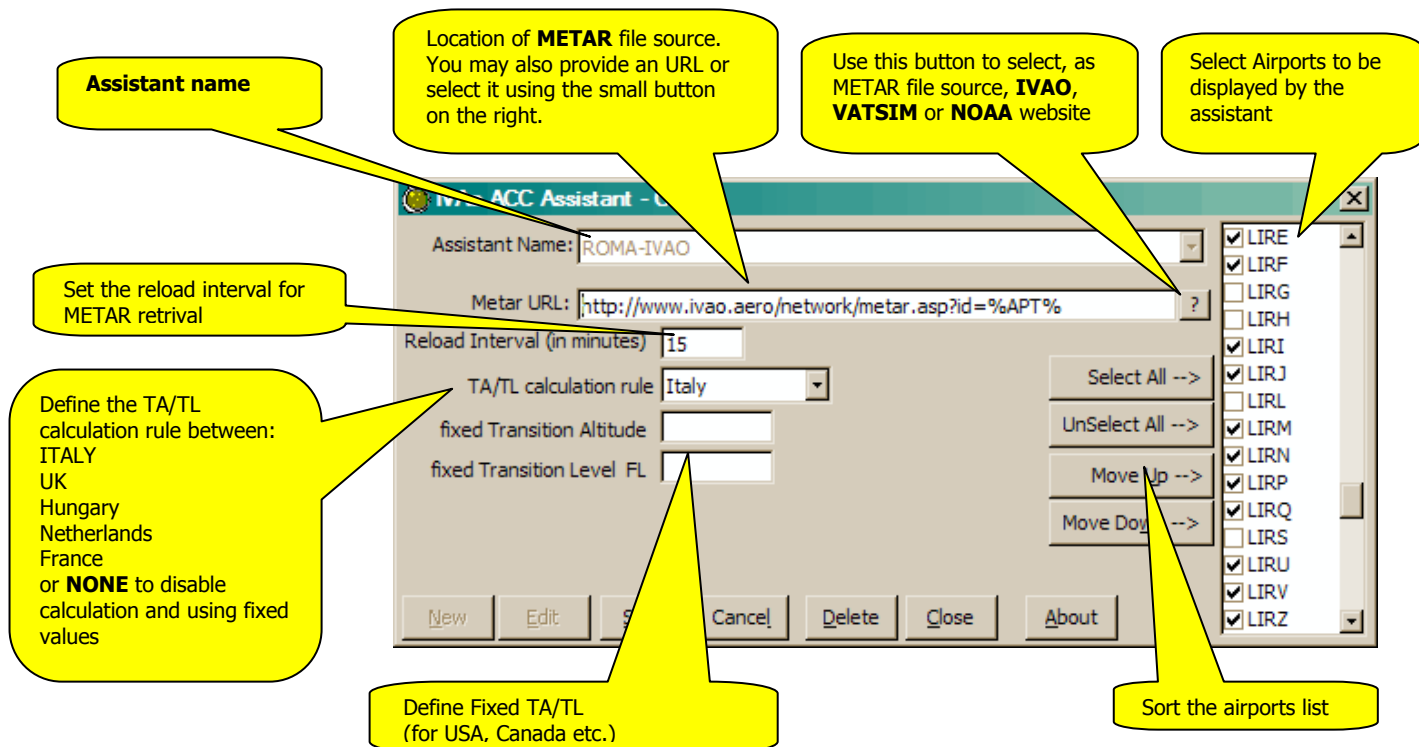
FILENAME and SIDSTAR Path field have to be changed according your FS9 installation.



In the **prefix** field you may indicate a single airport (Example: **LIRF** for Rome Fiumicino), a FIR prefix (Example: **LIR** for Rome FIR) or entire country prefix (Example: **LI** for Italian airports) to load only few airport definitions

Assistant Setup

After defining airports, you can setup an assistant;



AccAssitant.INI

Additional settings can be applied editing the configuration file in the installation folder of AccAssistant

[Default]

WCG=C:\Documents and Settings\<user>\Dati applicazioni\WCG

**World Clearance
Generator data Path**

[Aspect]

Font=Verdana

FontSize=11

SaveStatus=1

**Font and size used to display
airports data table**

[SendString]

Land=Runway @RWY // Cleared to Land // Surface Wind @WIND

TakeOff=Runway @RWY // Cleared for Take-Off // Surface Wind @WIND

Welcome=Welcome to @APT. Taxi to stand of your choice while monitoring UNICOM on 122.8 // Bye

QNH=@APT QNH @QNH // @TRA // @TRL

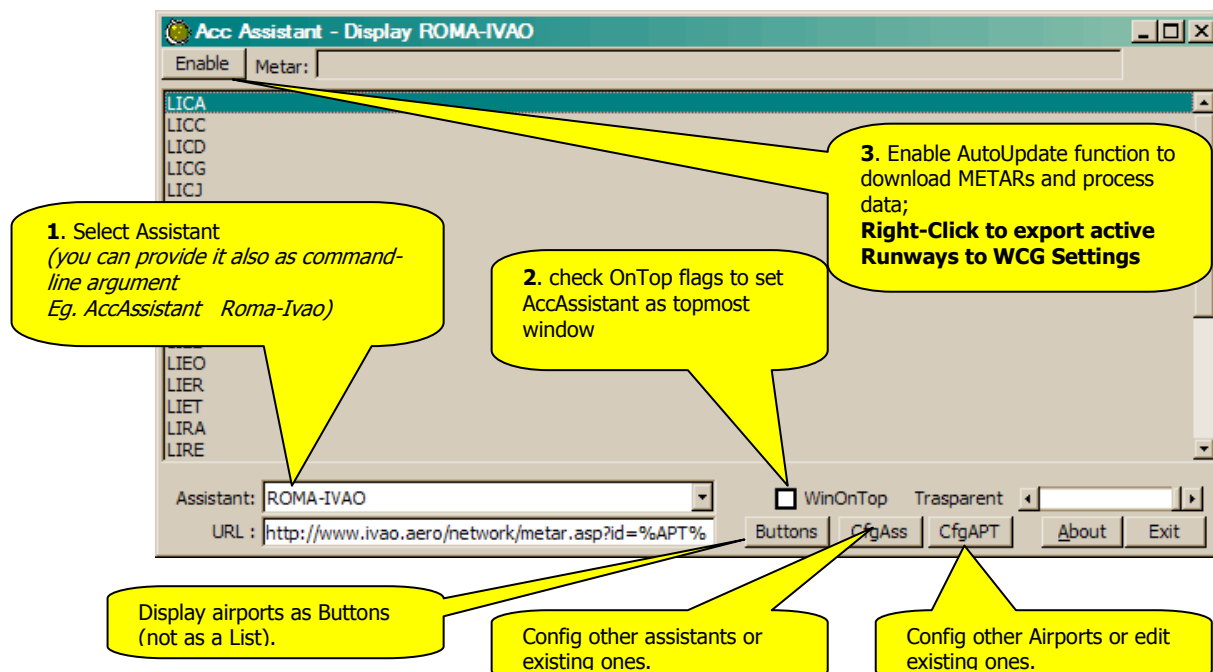
TRA=Transition Altitude @TA ft

TRL=Transition Level @TL

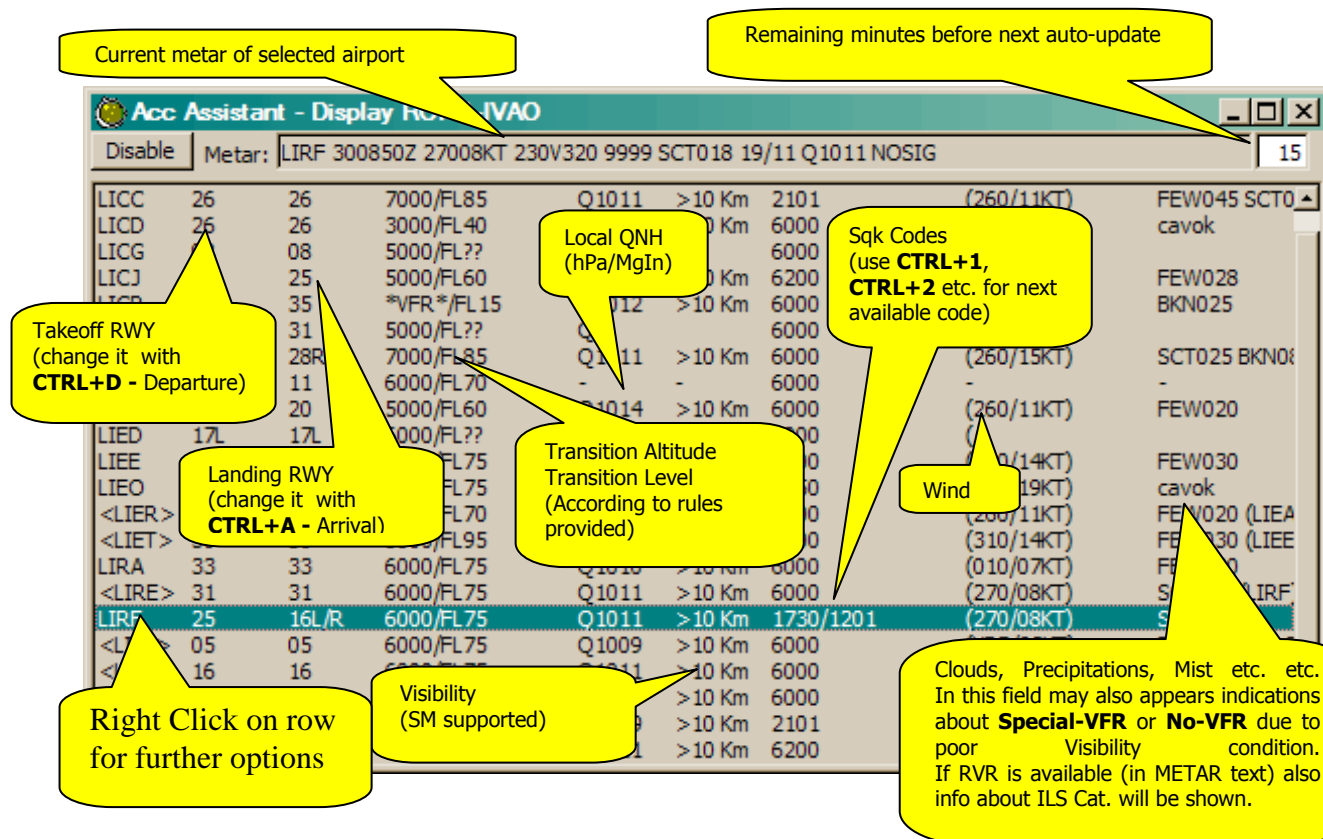
**Messages to IvAc
customization**

Using AccAssistant

Start options



List view



Buttons view

Use ENTER to change to Buttons View

Current METAR of selected airport (LIRF in this example)

Back to the list (you may use also **backspace** key)

Buttons to display SID, STAR, Approaches and Holdings of selected airport

Click-able squawk button with labels (1 daylife counter; each day counter resets)

hPa/inHg conversion

Utils

Excel Sheet for Fast Airport Definition

Using **aptGenerator.xls** :

Open aptGenerator.xls and use **SOURCE** sheet to define base airport definition data.

Once finished, move to **TEXTFILE** sheet and copy all significative rows into clipboard (Ctrl+C).

Paste them in a new textfile document into AccAssistant folder.

Name the textfile document as **ImportApt.txt** ;

Run AccAssistant and it will ask you to generate APT from the textfile

Notes:

The Airport definition files are stored in **<installation folder>\APT** and they are simple text files (example: the definition file for Milan Malpensa airport is **<installation folder>\APT\LIMC.TXT**).

If you need a massive editing of an airport definition (for example an airport has changed runway definition due to magnetic variation, I suggest you to open the definition file with an editor like NOTEPAD and proceed with **search and replace** instead of editing the definition with AccAssistant)

FIREWALL ADVISE

Your firewall may warns you that AccAssistant is accessing the Internet !!! It's normal !!! To download METARs information, AccAssistant has to receive some files from IVAO/VASTIM/NOAA servers using standard HTTP Protocol (port 80) ; Please, let AccAssistant to access the Internet !!! It isn't a Spyware or Trojan and no information are transmitted anywhere to the Internet.