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## Generic Radar-Display

### General

This is a generic Radar-Display (Version 1) with a moving sweep and range rings. The gauge can be used for any aircraft in the FSX-Environment. The gauge can be installed as a single gauge in the main panel window or as a extra window to be opened via a little icon on the panel. The gauge includes a control panel which allows the user to turn on/off individual displays like APTs, ILS, TAGs on ground and/or on Air etc.. Very helpful for hunting AI traffic and specifically useful for military aircrafts.

Installation:

Follow the installation/operational instructions on the pdf-documentation inside the zip-file  
The default display looks like this:

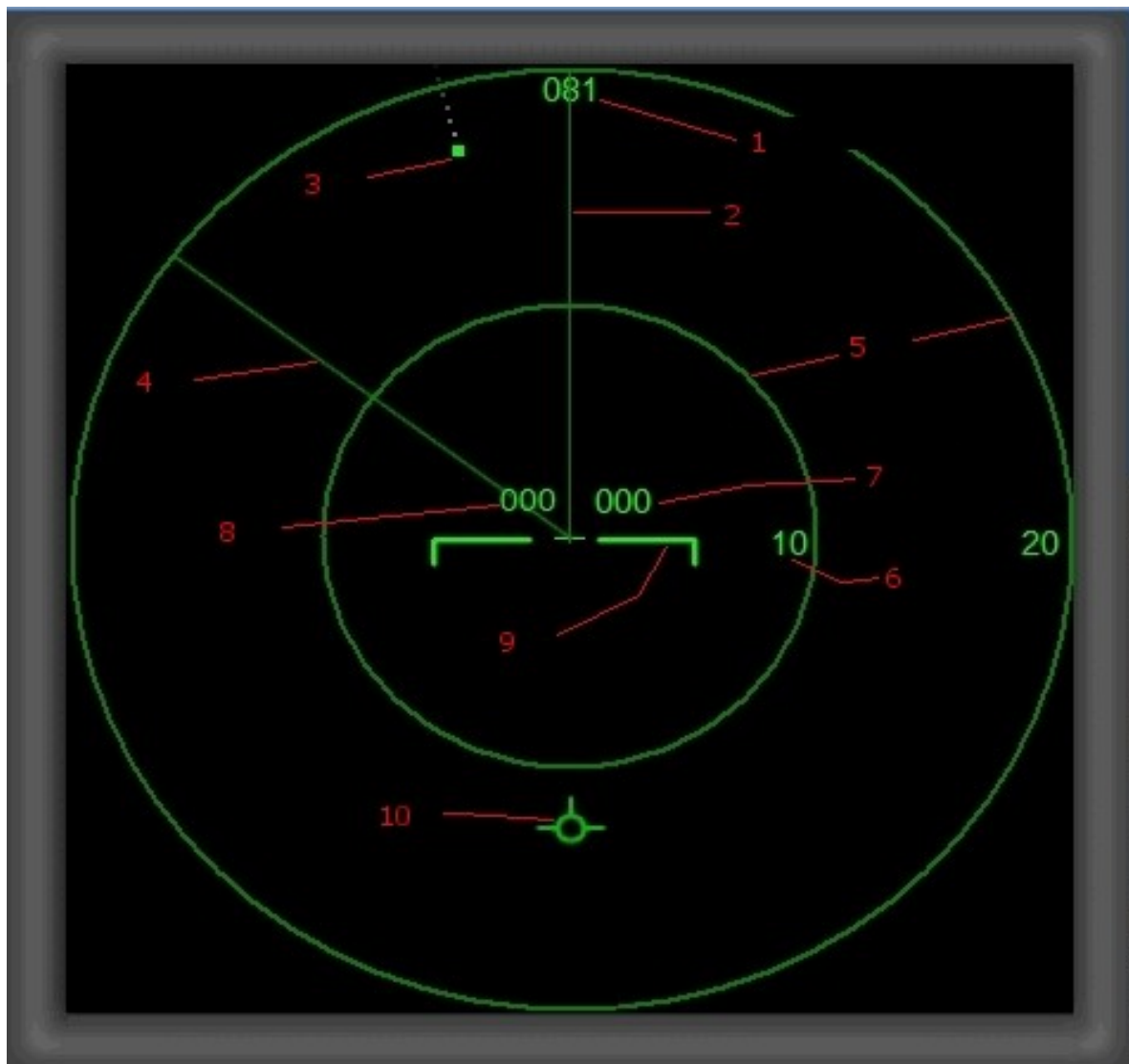


Abb. 1 - -16:11:59 -12.03.2009 -Made with QuickShot 2.00

## Description of the Elements

- |    |   |
|----|---|
| 1  | Heading Information   |
| 2  | Heading Marker (blinks every 6 seconds )  |
| 3  | AI Traffic  |
| 4  | Rotating Sweep  |
| 5  | Range Rings (10 to 20, or if zoom out : 10 to 40 nm, zoom in: 5 to 10 )                         |
| 6  | Range information   |
| 7  | Ground Airspeed, divided by 10  |
| 8  | Altitude R=Radio High, B=Baro High divided by 100.<br>Display turn to Baro if 5000 ft exceeded. |
| 9  | Center Line   |
| 10 | Velocity Indicator  |

By clicking on the upper half of the screen, a control bar pops up, which allows to display additional information on the screen. The screen with the control bar looks like this:



Abb. 1 - -16:13:03 -12.03.2009 -Made with QuickShot 2.00

On this display the zoom is up to 40 nm which is the maximum.

### Description of the Control Elements

ZO	Zoom Out
ZI	Zoom In
COMP	Display a Compass Rose
APT	Display Airports and ICAO Code (2 Clicks)
ILS	Display ILS Marking
TAG	Display AI Information (Flight Level/Speed/Route/ATC)
AIR	AIR/GRND/ALL ( 3 Clicks)
	Air= AI on Air
	GRND=AI on Ground
	All=Display all
VLC	Display Velocity Vector and Center Line

Next screen shows the AI- Information:



Abb. 1 - -16:14:09 -12.03.2009 -Made with QuickShot 2.00

The following screen shows the additional airport information:



Abb. 1 --16:14:33 -12.03.2009 -Made with QuickShot 2.00

The screen with the compass rose included looks like this:



Abb. 1 - -16:14:56 -12.03.2009 -Made with QuickShot 2.00

And with the ILS marking display like this:



Abb. 1 - -16:15:38 -12.03.2009 -Made with QuickShot 2.00

Finally, the screen without the centre line and the velocity vector:



Abb. 1 - -16:17:39 -12.03.2009 -Made with QuickShot 2.00

Which control button is activated is being display by a highlighted frame in cyan color around the button.

The little switch icon on the main panel in order to turn on the radar screen looks like this:



Abb. 1 -fsx.exe -21:58:48 -12.03.2009 -Made with QuickShot 2.00

If you click on it, the screen will show up.



## Installation

In the following example the radar screen will be installed for the standard B737-800 of the FSX as a separate panel window.

To do so, just copy the RDR-Folder into the panel folder of the aircraft B737-800.

The folder includes the 2 XML files and the 3 required bmp-files.

## Panelconfiguration

Add the red marked entries into the B737-800 panel.cfg :

```
// Panel Configuration file
// Boeing 737-800
// Copyright (c) 1999-2003 Microsoft Corporation. All rights reserved.
```

```
[Window Titles]
window00=Main Panel
window01=Radio Stack
Window02=GPS
Window03=Throttle Panel
Window04=Overhead Panel
Window05=Trim Panel
Window06=PFD
Window07=MFD
Window08=EICAS
Window09=Mini Panel
```

**Window16=Radar**

```
[VIEWS]
VIEW_FORWARD_WINDOWS=MAIN_PANEL,GPS_PANEL,THROTTLE_PANEL,O
VERHEAD_PANEL
```

```
VIEW_FORWARD_DIR=-1.000, 0.000, 0.000
```

```
//-----
```

```
[Window00]
file_1024=737-800_panel_background.bmp
file_1024_night=737-800_panel_background_night.bmp
size_mm=1024
position=7
visible=1
ident=MAIN_PANEL
```

```
gauge00=B737_800!pfd_screen,          189,548
gauge01=B737_800!pfd,                  210,567,179,179
```

gauge02=B737\_800!mfd\_screen, 409,548  
gauge03=B737\_800!mfd, 430,567,179,179

.  
.  
.  
.

----- etc. with the other standard gauges -----

gauge40=RDR!RDR\_Switch, 588,448,20,20

[Window01]  
size\_mm=159,441  
position=8  
visible=0  
BACKGROUND\_COLOR=16,16,16  
ident=RADIO\_STACK\_PANEL

gauge00=737-400!Comm 1, 0, 0,159, 68  
gauge01=737-400!Comm 2, 0, 68,159, 68  
gauge02=737-400!Nav 1, 0, 135,159, 68  
gauge03=737-400!Nav 2, 0, 203,159, 68  
gauge04=737-400!Transponder, 0, 271,159, 68  
gauge05=737-400!ADF, 0, 340,159, 68  
gauge06=737-400!Audio, 0, 409,159, 32

.

----- etc. with the other standard windows -----

----- Radar Window -----

[Window16]  
Background\_color=0,0,0  
size\_mm=380,380  
window\_size\_ratio=1  
position=7  
visible=0  
ident=1024

//Don't change this !!

gauge00=RDR!Radarscreen\_V1, 0,0,0,0

-----

Thats it, enjoy.