



## A BRIEF HISTORY

The De Havilland Vampire, the first single engine jet fighter of United Kingdom. made its first flight on September 20, 1943 at Hatfield, sixteen months after that the design work had started. The serial production was undertaken by English Electric. But the Royal Air Force's operational service of the Vampire F Mk.1 had begun only in 1946.

The Mk.1 model was soon replaced by the Vampire F.Mk.3. This variant saw the first exportations : four aircrafts were sent to Norway and eighty five to Canada. Moreover the fighter was also built under licence in Australia where eighty aircrafts were completed as Vampire FB.Mk.30. Compared to F.Mk.3 , the FB.Mk.30 have a more powerful turbojet engine.

The principal variant was the Vampire FB.Mk.5, which had reinforced wings and reduced span. Originally designed for tactical attack duty, this variant was the more successful sub-type. Some aircrafts were exported to eleven countries. Among them, Egypt, Finland, France, Iraq, Norway, Sweden, and Venezuela. It was built under licence in France, Italy and Switzerland.

The Fleet Air Arm have received several Sea Vampires. The production of the single seat Vampire ended with the Vampire FB.Mk.9. The Vampire FB.Mk.9 differed from the Vampire FB.Mk.5 only by a new cockpit layout with air conditioning. Some aircrafts of this variant were delivered to RAF, Ceylon, Jordan and Rhodesia.

The sole variant with true interceptor capability, was the all-weather two-place Vampire NF.Mk.10. This variant was used with RAF during some years and a small number saw service in India and Italy. No Vampire NF.Mk.10 is operational today. The production ended with the Vampire T.Mk.11 and T.Mk.22 training aircraft variants.



2eme Escadre



EC 1/3 Navarre



EC 2/4 Lafayette`



EC 2/2 Côte d'or



EC 3/4 Flandre



EC 4/2 Coqs Gaulois



École de chasse Mekhnès 1960



Suisse1



Suisse2



RCAF 021



RCAF 012



RCAF071

## INTRODUCTION

The FsFrance.s DH-100 Vampire have two configurations : without or with external fuel tanks..

FsFrance's De Havilland DH-100 Vampire have several paint schemes : :

- EC 2/4 Lafayette`
- École de chasse Mekhnès 1960
- 2eme Escadre
- EC 4/2 Coqs Gaulois
- EC 2/2 Côte d'or
- EC 3/4 Flandre
- EC 1/3 Navarre
- Suisse1 (yellow & nlack)
- Suisse2 (bare metal operational textures)
- RCAF 021
- RCAF 012 Sqn 442 City of Vancouver
- RCAF 071

### RADIO BOARD CONFIGURATIONS

FsFrance's De Havilland DH-100 Vampire can be equiped with one of two different radio board configurations, according to the aircraft choosen.

The radio board 1 have a radio NAV and an ADF radio receiver. The FsFrance's Vampire variants that are equiped with the radio board 1 are :

- Ecole de chasse Mekhnès 1960 without & with external tanks
- 2eme Escadre without & with external tanks
- EC 4/2 Coqs Gaulois without & with external tanks
- EC 2/-2 Côte d'or without & with external tanks
- EC 3/4 Flandre without & with external tanks
- EC 1/3 Navarre without & with external tanks

- Suisse1 (yellow & black) without & with external tanks
- Suisse2 (bare metal operational textures) without & with external tanks
- RCAF 021 without & with external tanks
- RCAF 012 Sqn 442 City of Vancouver without & with external tanks
- RCAF 071 without & with external tanks



Radio board 1



Radio board 2

The radio board 2 have a radio NAV1 a NAV2 and an ADF receiver. The FsFrance's Vampire variants that are equipped with the radio board 2 are :

- EC 2/4 Lafayette without & with external tanks

**HOW TO CHANGE THE RADIO BOARD SELECTION**

You can change the radio board selection for any of the FsFrance's Vampire variants. First make a copy, with a different name, of the original aircraft.cfg file. Then edit the aircraft.cfg file (with Notepad for example). For each variant you will have a section looking similar to this one :

```
[fltsim.xx]
title=Vampire F5 Bidons
sim=DH100
model=
panel=1
sound=
texture=
...
```

In this example the panel is equipped with the radio board 1. To change to the radio board 2 selection , you have only to replace the 1 in front of panel= by 2.

```
[fltsim.xx]
title=Vampire F5 Bidons
sim=DH100
model=
panel=2
sound=
texture=
...
```

After, save the modification.

## INSTALLATION

- 1/ Unzip the zip file in a temporary folder
  
- 2/ Move the folders  
    "FsFrance\_DH100\_bidons",  
    "FsFrance\_DH100\_S\_bidons"  
    "FsFrance\_DH100\_panel\_sound"  
    "FsFrance\_DH100\_textures"  
into the folder:  
    C:\Program Files\Microsoft Games\Flight Simulator 9\Aircraft
  
- 3/ Move the files of the folder  
    "gauges"  
into the folder:  
    C:\Program Files\Microsoft Games\Flight Simulator 9\Gauges
  
- 4/ Move the files of the folder  
    "Effects"  
into the folder:  
    C:\Program Files\Microsoft Games\Flight Simulator 9\Effects

## SELECTION SIMICONS

Never use SHIFT + Number to switch between the different panels, but use only the simIcons which operate different views simultaneously (The simcons close the previous view and open the new one).

Not using the simcons will bring the superposition of several views.

Due to the number of views loaded simultaneously when loading the plane, it is necessary to load the plane after having first loaded a default FS plane as viewing errors can occur if Vampire is the first plane loaded after the start of FS.



The selection simicons are from left to right

- Display/hide ATC
- Display/hide Map
- Display/hide Kneeboard
- Display/hide Throttle subpanel
- Display/hide fuel subpanel
- Show/hide Electrical subpanel
- Display/hide GPS
- Display/hide Radios subpanel
- Switch to VFR view
- Switch to Landing view

## PANEL

### INTRODUCTION

The panel and its gauges have been made by Jean-Pierre Langer for the FsFrance's De Havilland DH-100 Vampire. This panel is based on pictures taken on a swiss airplane stored at the Musée de l'Air et de l'Espace at Bourget airport.

### MAIN FEATURES

The panel has three general views : IFR, VFR and Landing hereafter shown. Moreover there are four other subpanels : left console, right console, GPS and compass.



IFR View



VFR View



Landing View

### IFR PANEL

The IFR view is shown on page 11.

### VFR PANEL

The VFR panel is identical to the IFR one, but has more outside view . The bottom row instruments is not visible.

**LANDING PANEL**

The Landing panel is identical to the IFR one, but has more outside view and the bottom last two rows instruments are not visible.

**GPS VSUBPANEL**

This subpanel, which displays the standard GPS-500, can be called from any panel views by clicking on the GPS simIcon and would be closed by clicking on the same simIcon, or by clicking on the GARMIN name at the top left corner of the GPS.

**INSTRUMENTS CONFIGURATION**

The real Vampire have had only few radio-electric navigational instruments, in most case only an ADF receiver. In order to help virtual pilot to enjoy navigation using Fligh simulator with the FsFrance's Vampire, other instruments were added. They are located in (5) of each panels views. There is an ADF/ILS with the radiio board 1 and a RMI/ILS with the radio board 2. Clicking on the center of the ADF (radio voard 1) will show a VOR /ILS over it. Clicking on the center of the RMI (radio board 2) will show a VOR /ILS, linked to NAV1 receiver, over it. In the case of RMI/ILS, the lower left button of the RMI enable to choose between VOR1 and VOR2, for the single needle. The double needle is always related to the ADF. If you put the mouse pointer over the instrument, an ipop-up help window will bw displayed.

By clicking on the center of the turn coordinator, will change its face, and also the face of vertical speed indicator (2) and the face of cockpit pressure indicator (10). In this way you can obtain the layout of the swiss Vampire, which have some metric instruments.



<b>No</b>	<b>Identification</b>	<b>No</b>	<b>Identification</b>	<b>No</b>	<b>Identification</b>
1	G -mètre	7	Tachymeter	13	Oil temperature
2	Airspeed indicator	8	Altimeter	14	Inter Turbine Temperature
3	Gyro compass	9	Vertical speed indicator	15	Turn coordinator
4	Artificial attitude Indicator	10	Cockpit pressure	16	Brake Hydraulic Pressure & emergency
5	ADF / RMI / VOR	11	Flap position		
6	Chronometer	12	Landing gear position		

**RADIOS SUBPANEL (right console)**



This subpanel, which displays some old type radios, can be called from any panel views by clicking on the radios simIcon and would be closed by clicking on the same simIcon, or by clicking on the closing simIcon (X) on the radio subpanel.

Note that all radios are switched ON when the FsFrance's Vampire is selected. To put them OFF or to put them ON again, use the On/Off (0/1) switch.

To use ADF receiver you must first select a band, 200-410, 410-850 or 850-1750 kHz, with the band knob (2), then syntonize with the knob (3). When you put the mouse's pointer over this knob, the frequency is displayed in the pop-up help window. A left click increase or decrease the frequency by 0.5 kHz step and a right click increase or decrease the frequency by 5 kHz step.

**THROTTLE SUBPANEL (left console)**

This subpanel, which displays throttle lever, can be called from any panel views by clicking on the Throttle simIcon and would be closed by clicking on the same simIcon, or by clicking on the closing simIcon on the Throttle subpanel. The closing simIcon is represented as an (X).



## AUTHORS

### **Models**

Pierre Marchadier

### **Textures**

Gilles Mercier

### **Panel, subpanels, panel bitmaps and gauges**

Jean-Pierre Langer

### **Flight dynamic**

Jean-Pierre Bourgeois  
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### **Documentation**

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### **Packaging**

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## HELP & SUPPORT

For help and support, we suggest you to use **FsFrance** forum .

<http://fsfranceapp.free.fr/forum/index.php>

or **Francesim** forum

<http://www.francesim.info/forumFS/Default.aspx?g=forum>