

Airbus A330 panel

version 3.0



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Installation

To install the panel please follow the steps below :

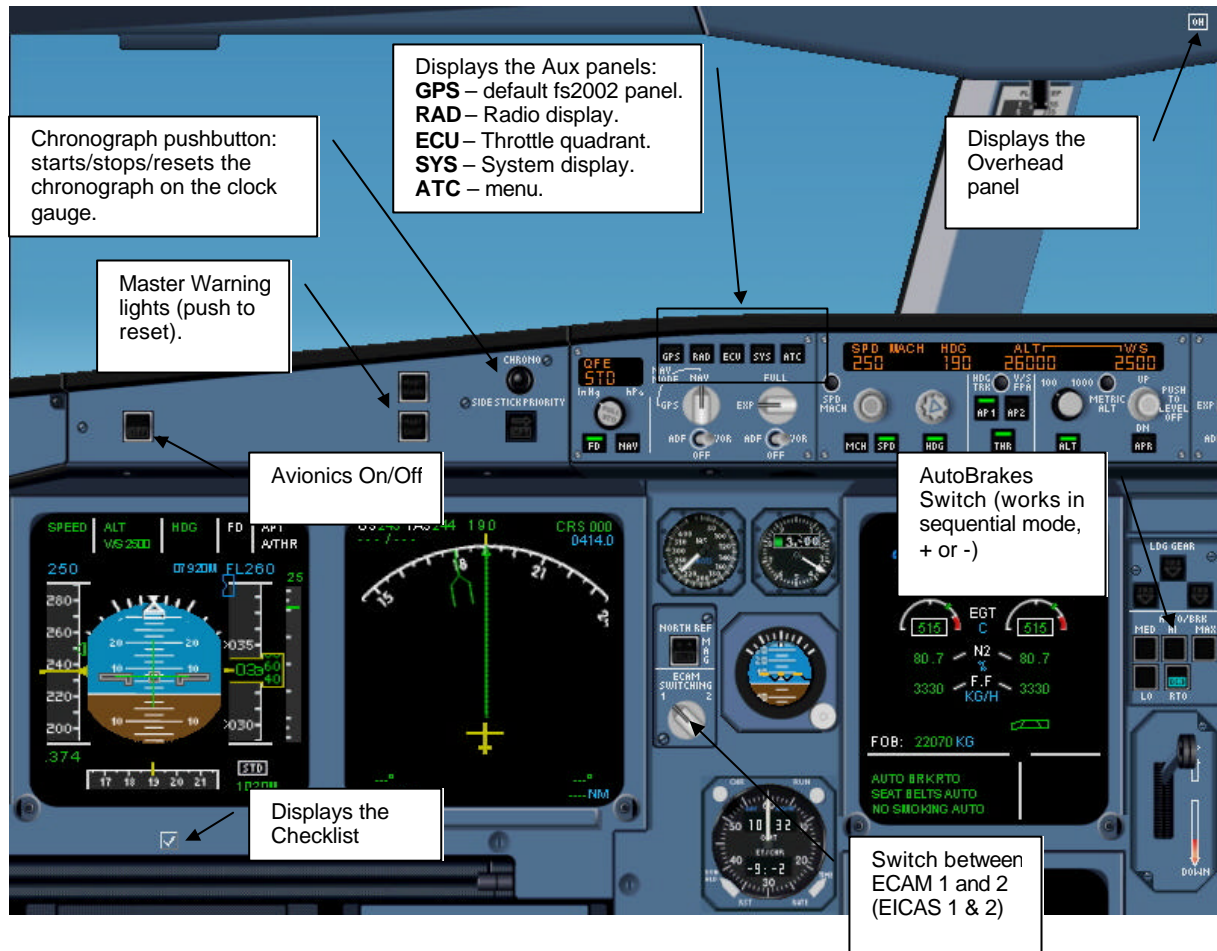
- Extract the downloaded file "**330pnl30.zip**" to a temporary folder.
- Place the "**Panel**" folder in your A330 aircraft folder .../**Microsoft Games/FS2002/Aircraft/Your Airbus A330**.
- Place the file "**AirbusA330.cab**" in your gauges folder .../**Microsoft Games/FS2002/Gauges**.

NOTE Although this file looks like a zip-file it should **NOT** be unzipped before placed in the gauges folder.

After installation the File_ID.diz and preview images can be deleted.

Main panel

Below is a brief explanation of the main panel functions.



Primary Flight Display (PFD)

Autopilot status messages:

SPEED/MACH – Shows the Autopilot speed hold mode. (KIAS or MACH).

ALT/ALT CRZ – The Altitude hold is set on the A/P.

VS 2500 – Vertical speed is set to 2,500 feet/minute.

HDG/NAV/APPR – Heading hold is set on the A/P. Other modes are Navigation and Approach (ILS).

FD – Flight Director is active.

AP1 – Autopilot is active.

ATHR – Auto Throttle is active

NOTE: White messages are independent of the AP1 master button.

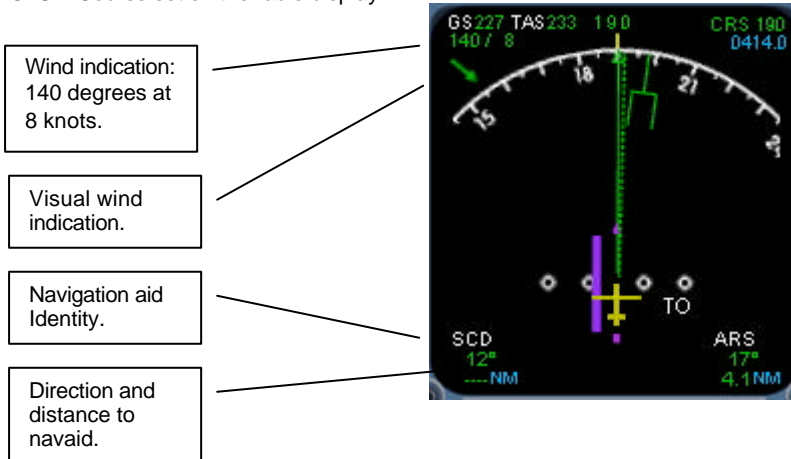


Navigation Display (ND)

GS – Ground Speed (Knots).

TAS – True AirSpeed (Knots).

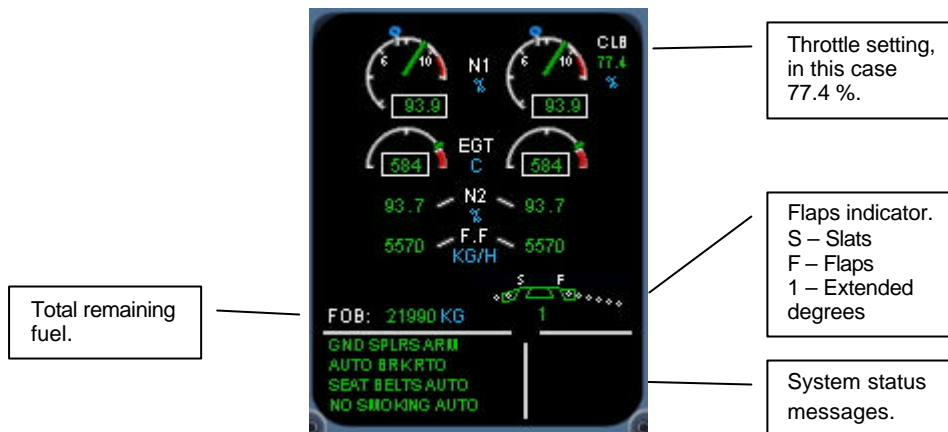
CRS – Course set on the radio display.



ECAM Display

The ECAM display have to different display modes.

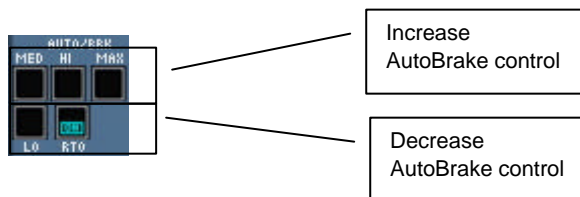
Mode 2 (not shown here) displays EPR (Engine Pressure Ratio), EGT (Exhaust Gas Temperature), N2 (Turbine speed) and Fuel Flow.



AutoBrakes Switch

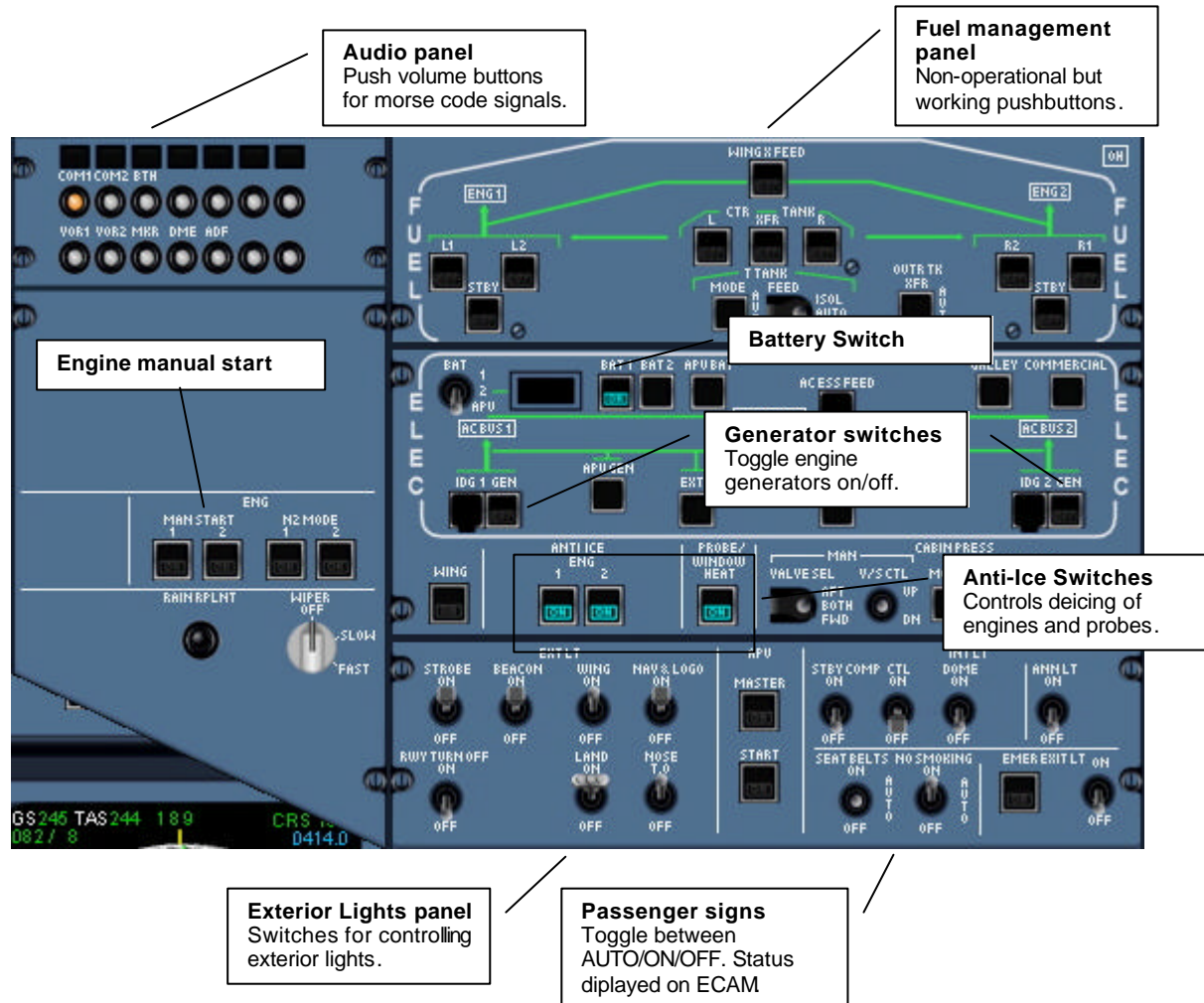
The AutoBrakes Switch works in a sequential mode rather than pressing any single button:

RTO/OFF/LO/MED/HI/MAX

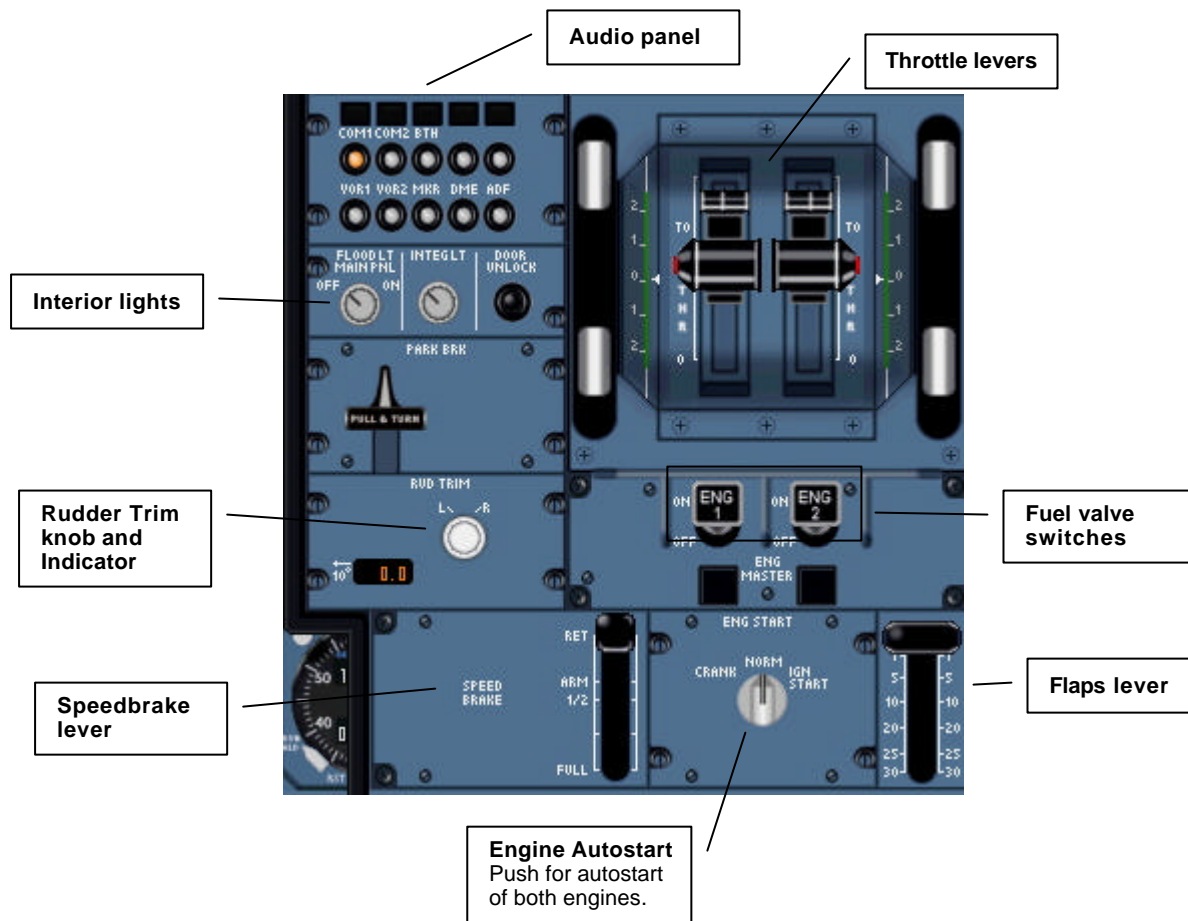


Overhead panel

Only working switches are described below.



ECU – Throttle quadrant



System Display

The system display contains five different pages to present various aircraft data.

System Display – Cruise page

Shows various engine and air statuses.

CKPT/FWD/MID/AFT – indicates cabin temperatures (°C) and bulk hold temperature.

CAB ALT – virtual altitude of crew and passenger cabins.

Lower part:

TAT – Total Air Temperature.

SAT – Standard Atmosphere Temperature.

Clock – ZULU time (hrs/mins).

GW – Aircraft Gross Weight (MTOW is 230,000 kg for A330-200 and A330-300).

GWCG – Gross Weight Center of Gravity.



Display mode buttons

T.O – Take off config page

ENG – Engine/Air page

FLC – Flight Control page

WHL – Wheel status page

FUEL – Fuel management page

System Display – T.O Config

Shows the take off settings for the aircraft indicated by **CHECK** and current status of passenger signs.



System Display – Flight Controls

This page indicates the physical positions of the various control surfaces of the aircraft.

SPD BRK (DWN/ARM/EXT) – Shows the position of the spoilers (Speedbrakes). DOWN, ARMED or EXTENDED.

L AIL – Left Aileron position

R AIL – Right Aileron position

L ELEV – Left Elevator (Stabilizer) position.

R ELEV – Right Elevator (Stabilizer) position.

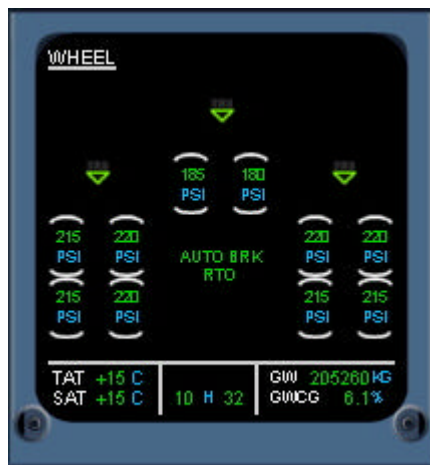
RUD – Rudder position

PITCH TRIM – Elevator trim (degrees +/-)



System Display – Wheel status

The wheel status page indicates tyre pressure (static) and the physical position of the landing gear – down, transit or up. The current AutoBrake mode is also shown.



System Display – Fuel management page

This page indicates the amount of fuel of the various fuel tanks.

In this example:

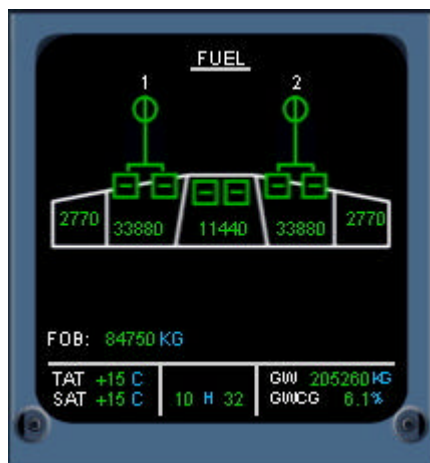
Aux fuel tanks – 2,770 kg

Left and right wing tanks – 33,880 kg

Center tanks – 11,440 kg (Center 1 + Center 2)

FOB – Total fuel, 84,750 kg

The display also indicates the position of the two engine fuel valves.



Radio management panel

The radio management panel is used to set the different communications and navigation frequencies. This is also where the navigation course is set. The lower part of the screen shows the ATC data. NOTE: This is not a real A330 radio panel but an adaption of the A330 ATC panel to accomodate the radio frequencies.

ACTIVE – Shows the active radio frequency.

STBY – Shows the standby frequency (set with the line-buttons to the right)

SWAP – Swaps between the active and Standby frequency.

CRS+/CRS- Increases/decreases the course degree setting.

XPNDR – Shows the Transponder code (set with the four buttons on the left).

ADF – Shows the ADF frequency (set with the three buttons on the left).



ATC AIRLINE – The airline name chosen in the ATC-menu.

ATC FLTNO – Together with the ATC Airline name these two constitutes the ATC call sign.

ATC ID – the aircraft registration number.

General Aircraft Data

This section contains basic performance data for the A330.
(Official Airbus data).

	A330-200	A330-300
MTOW (Maximum TakeOff Weight)	230000 KG	230000 KG
Maximum Landing Weight	180000 KG	185000 KG
Typical Operating Weight Empty	120500 KG (265700 lbs)	124500 KG (274500 lbs)
Maximum Operating Mach	0.86	0.86

To get a more manageable aircraft you can reduce the Empty Weight in the **Aircraft.cfg** file:
(In this case the typical operating empty weight in lbs for the A330-200)

