

# FS2004 Bombardier Learjet 35-200 v3.0 Panel by David Durst



Here is my updated Bombardier Learjet 35-200 series panel for FS2004. This panel was originally created back in FS98 and updated in FS2002 and I had wanted to perform an update for FS2004 (and possibly FSX) for the panel but until recently when a good friend of mine got type rated in the Lear 35 and I flew the Level B sim for this I wasn't going to do it.

The panel has all new .xml gauges and layout to the real panel now. The panel includes fuel and electrical panel popups as well. Not included is the FMS for the panel which you may see a possible reference to and icon for it. Now on the important stuff on the panel

1. Top right is standby attitude and the knob adjusts the attitude bars in both indicators
2. Airspeed bug with outer ring being .mach indication
3. Altimeter lower left is Std setting and right side is baro adjustment
4. Nav 1 and 2 DME toggle on lower left of panel
5. Course and heading adjustments on HIS

Flight director bars are toggled by the button top right of the autopilot panel marked FD

## Main Engine instruments mid panel -



Area's in yellow are clickable area's as described below

1. Top left of this area is the toggles for kneeboard, map, electrical panel, fuel panel, throttles and not included is the fms toggle and gauge
2. Lower section is GPS screen, clicking on the top left will toggle from day to night mode for the screen and clicking the middle section will open up the FS GPS. Click on the middle section of the FS GPS will close that window. Clicking on the top right side has 3 toggles
  - Left side is zoom in view of map
  - Middle toggles the airspace view on and off
  - Right side is zoom out view of map

Engine instruments should be self explanatory for their functions. Fuel Flow and Oil Press gauge are dual gauges that show both engines and needles.

## Engine instruments and radios right side panel -



Area's in yellow are clickable area's as described below

1. Altitude selector clicking in middle will toggle between VS and Altitude windows and outer area top and bottom will increase and decrease each setting
2. Com1 green lights toggles standby and active frequency and the right knob left and right will change standby frequency channel
3. Com2 knob left and right will change standby frequency channel
4. ATC window will show either ATC code or ADF based on clicking the inside knob under the window and the outer knob will toggle through each individual frequency to change
5. Nav1 and Nav2 frequency change is done under each window as noted by yellow

Top portion of panel shows the electrical readouts of aircraft as well as oil temp of each engine on aircraft  
To the right of the altitude selector is the trim readout for pitch



## Autopilot panel -



Area's in yellow are explained below, each button has a corresponding lamp -

**GPS button** — depressing the GPS button will toggle the FS GPS on and off

**APPR light** — turns green when approach is captured

**HDG (heading) button** — depressing the HDG button engages the heading mode

**NAV (navigation) button** — Pressing the NAV button alternately selects and deselects the navigation mode.

**REV button** — Depressing the REV button enables the backcourse mode

**LVL button** — Depressing the LVL button enables wing level mode

**Test button** — Pressing this will test all lamps on the Autopilot except those not used

**ENG button** — Pressing this will turn on the Master Autopilot mode

**SPD (speed) / MCH (mach)** — Pressing the SPD button will enable the Speed or Mach hold for the aircraft, to select either SPD or MACH hold, press the IAS or MACH lamp.

**GS button** — Pressing this enable approach mode and green lamp lights up


**ALT button** — Pressing this enable the Altitude hold feature of the autopilot

**FD button** — Pressing this enables the Flight Director bars on the Attitude Indicator


The Roll and PITCH indicators show status of aileron pitch and pitch trim for aircraft

## Electrical Panel popup –



Clicking the Electrical popup icon  will open up the Electrical panel window. Area's in yellow are working for this popup window. On the left side are the radio toggles as needed for Coms, Nav ident, ADF ident etc.

## Fuel Panel popup -

Clicking the Fuel popup icon  will open up the Fuel panel window as shown below



The Fuel window when opened will show the current fuel gauge and clicking the dial will toggle through all tanks and also show total fuel for all tanks. Fuel shutoff valves are to the right of the fuel gauge

**Throttle/Gear Display** - Clicking the Throttle popup icon  will open up the throttle and gear window as shown below

