FS2004 Cessna Citation X v4.0 Panel
by David Durst

Here is my updated Cessna Citation X panel for FS2004. This panel was originally created by me back in FS98 and has been updated sort of for FS2004 a few years ago. This update to the panel includes all new PFD, MFD and EICAS in .XML with sub menus and many more gauge updates including new traffic radar with advisories.

Also I have reworked the panel bitmap and re-arraigned some of the gauges for a more functional layout. Most of the panel is self-explanatory on how things work and where the clickable areas are so let's move on to the important stuff.

PFD Display –

Area's in Yellow are toggle area's on the PFD and are as follows
1. Top left PFD airspeed select
2. Top right PFD altitude select
3. Bottom right Baro quick setting and adjustment

When FMS button is pressed on the EFIS Display Cont., the Nav/DME readouts in green left side of PFD will toggle with Nav 1 setting or current GPS route set.

When CUE is buttons is pressed from within the PFD setup menu (MFD lower button) The attitude bars and FD are changed between cross pointer and Cue command bars

NAV button on the EFIS Display Cont. will change the HSI course needle to Magenta and display FMS in the upper right of the MFD display

FMS button on the EFIS Display Cont. will toggle the NAV information in green on the left of the PFD with GPS route information in Magenta color

Bearing needles display are configured on the EFIS Display Cont. and show on the PFD in blue and white needles along with the function to the left of the HSI compass rose

MFD Display -

MFD screens shown above are explain in more detail below

MFD Display -

The MFD has 4 sub area's on it, Reference screen, PFD Configuration, MFD configuration for moving map and TCAS screen each with its own clickable area's in yellow as shown

The reference speed screen shows some basic take off, landing, flap speeds for the Citation X

The PFD setup screen allows you to select the DH setting for the radar altimeter. You can toggle the Barometric readout on the PFD between In Hg and Millibars and you can toggle the Attitude bars with the Cue selector to choose between cross and angle direction bars and flight director

The MFD setup screen will allow you to toggle on or off the different map settings as well adjust the range of the moving map as shown

Moving Map range is shown on the main screen at the edge of the circle surrounding the aircraft

The TCAS screen range is set via the area at the bottom of the screen the open TCAS window range is 2nm to 40nm and is shown in the lower right of the TCAS screen. For more on the TCAS see end of this document

Note: the MFD display on the far right side of the panel (Co-Pilot display) is locked in at a range of 25nm and has no further adjustments for it.

Standby Instruments Display -

The standby instruments display consists of a combo altimeter/airspeed gauge, attitude display and HSI with ADF needle in blue along the outer edge of the display.

The HSI has clickable areas for changing the course and heading bugs on the PFD

Also there are digital engine readouts in case of EICAS failure (not simulated on the panel)

EICAS screens shown above are explain in more detail below

EICAS Display –

The lower right of the main EICAS screen shows flaps/slats position on the aircraft

The EICAS Display has 4 sub area's within it that shows more detailed information for Fuel / Hydraulics, Electrical, Control Position and Engine status.

The fuel / hydraulics screen shows quantity available, temperature and psi for the left and right tank. The hydraulics section at the bottom shows both A and B systems

The electrical screen shows basic electrical for bus #1 and bus #2 of DCv, Amps and Battery

Control Position page shows left and right aileron position as well as trim and rudder position

The engine page shows various engine variables such as Oil Temp, Oil Pressure, Vibration and Bleed system PSI

Autopilot Controller –

This selects the various autopilot functions for the aircraft and should be self explainitory

ATH will arm the auto throttles if the aircraft is setup for A/T arming. Otherwise FLC (speed) or C/O (mach) can be used for hold of the current airspeed setting.

BNK and SBY are not used on the Autopilot

Audio Panel –

Area's in Yellow are available for the Audio Panel, Com1/2, Both (Com1/2 spkr icon) ADF, NAV1/2, MTE MRKR

Throttle Panel –

Area's in Yellow indicate click area's for changing radio's, course, heading and autobrake system as well as flaps, speed brake and throttle (can't drag throttles)

Also fuel shut, auto start and electrical and heating toggles can be found here as well.

TCAS on the MFD screen is set to display normal traffic and also give advisories based on distance of traffic.

There are two clickable areas on the display, the left top View/BRT will increase or decrease the brightness of the traffic on the display. The right top RNG will adjust the following distances – 3,5,10 and 20 NM miles

Traffic advisories – When traffic is within 1200 feet of the aircraft a yellow circle will appear for the traffic icon and TRAFFIC will be displayed in yellow on the lower right side of the display

Resolution advisories- When traffic is within 300 feet of the aircraft, a red square will appear and TRAFFIC will display in red on the lower right side of the display.

No other options are available at this time

Hope you enjoy this panel, if you have any questions feel free to contact me at one of the following –

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