Figure A2FA and A2FB
Transport delay for simulation of airplanes using real or re-hosted instrument drivers

A: Simulator using real airplane instruments

Flight control cabinet

Flight controls signal

Host computer
Control, Flight, Instruments, Software

Interface

Data bus

EFIS symbol generator

Display unit
Aircraft hardware

Delay < 150 msec

Airplane delay = XX msec

B: Simulator using software avionics or re-hosted instruments

End Information

Flight control cabinet

Flight controls signal

Host computer
Control, Flight, Instruments, Software

Interface

Software avionics or Re-hosted instrument

Display unit
Aircraft hardware

Total transport delay (including airplane delays)