Performance and Video Data Recording

Case Number

All response measures recorded for CAD-CE (i.e., the SIF package used for CAD-CE)

Localizer and glideslope (in feet) deviation from the ILS

Control column inputs (to enable a latency measure of how long it takes a pilot to respond to deviations from desired flight path)

Deviation of airspeed from MCP dialed airspeed as well as airspeed value

Throttle movements (i.e., pilot movement of throttles)

Experimenter event marking (we will use the CAD-CE "P" and "N" capability and buttons to mark record ("PN").)

Time (to be able to associate performance measures with cockpit video)

Cockpit video recording (HUD, including EVS, SVS, symbology, etc. as one image), and over-the-shoulder view of the pilot, including case number and time