

**Table B3G - Functions and Subjective Tests  
Level 7 FTD**

**QPS REQUIREMENTS**

Entry Number	Instructor Operating Station (IOS) Requirements
	Functions in this table are subject to evaluation only if appropriate for the airplane and/or the system is installed on the specific FTD.
<b>1.</b>	<b>Simulator Power Switch(es)</b>
<b>2.</b>	<b>Airplane conditions.</b>
<b>2.a.</b>	Gross weight, center of gravity, fuel loading and allocation
<b>2.b.</b>	Airplane systems status.
<b>2.c.</b>	Ground crew functions (e.g., ext. power, push back)
<b>3.</b>	<b>Airports.</b>
<b>3.a.</b>	Number and selection.
<b>3.b.</b>	Runway selection.
<b>3.c.</b>	Runway surface condition (e.g., rough, smooth, icy, wet)
<b>3.d.</b>	Preset positions (e.g., ramp, gate, #1 for takeoff, takeoff position, over FAF)
<b>3.e.</b>	Lighting controls.
<b>4.</b>	<b>Environmental controls.</b>
<b>4.a</b>	Visibility (statute miles (kilometers)).
<b>4.b.</b>	Runway visual range (in feet (meters)).
<b>4.c.</b>	Temperature.
<b>4.d.</b>	Climate conditions (e.g., ice, snow, rain).
<b>4.e.</b>	Wind speed and direction.
<b>4.f.</b>	Windshear.
<b>4.g.</b>	Clouds (base and tops).
<b>5.</b>	<b>Airplane system malfunctions</b> (Inserting and deleting malfunctions into the simulator).
<b>6.</b>	<b>Locks, Freezes, and Repositioning.</b>
<b>6.a.</b>	Problem (all) freeze / release.
<b>6.b.</b>	Position (geographic) freeze / release.
<b>6.c.</b>	Repositioning (locations, freezes, and releases).
<b>6.d.</b>	Ground speed control.
<b>7.</b>	Remote IOS. (if installed)
<b>8.</b>	<b>Sound Controls.</b> On / off / adjustment
<b>9.</b>	<b>Control Loading System.</b>
<b>9.a.</b>	On / off / emergency stop.
<b>10.</b>	<b>Observer Seats / Stations.</b> Position / Adjustment