

**ATTACHMENT H**

**Excerpts from the FedEx B-727 Flight Manual, Volume 2**

**(1 page)**

1.3 dots below the ILS glideslope. More deviation is required to give an alert below 150 feet AGL. Alerts for mode 5 activate the BELOW G/S lights and the aural message "GLIDESLOPE". The aural alerts become more frequent and louder if the condition worsens. Messages given in the "soft" area are only repeated twice unless the condition worsens.

To permit maneuvering on final approach or back course approach to an unreliable ILS glideslope, the alert can be inhibited by pressing the BELOW G/S light once the airplane descends below 1500 feet AGL. The inhibit function is automatically reset prior to the next approach, provided the aircraft has descended below 30 feet, climbs above 1500 feet, or the receiver is momentarily de-tuned from the ILS frequency. (On -100 aircraft without "PUSH TO INHIBIT" or "P-INHIBIT" on the BELOW G/S light cover, the G/S alert can not be inhibited.)

**Mode 6 - Advisory Callouts** The mode 6 function provides altitude callouts and bank angle alerts. Mode 6 provides aural messages only. No visual alerts are given.

**ALTITUDE CALLOUTS** are provided for descent through predefined altitudes AGL. It is active during the final approach phase of flight. Each altitude message is only annunciated once per approach. The following callouts will occur on every approach:

"ONE THOUSAND" at 1000 feet AGL.

"FIVE HUNDRED" at 500 feet AGL.

"ONE HUNDRED" at 100 feet AGL.

"FIFTY" at 50 feet AGL.

"FORTY" at 40 feet AGL.

"THIRTY" at 30 feet AGL.

"TWENTY" at 20 feet AGL.

"TEN" at 10 feet AGL.

**BANK ANGLE CALLOUTS** provide an aural alert based on aircraft roll angle and radio altitude. The bank angle warning mode is provided to give the pilot an alert indication for inadvertent over banking during all phases of flight. An aural alert consisting of "BANK ANGLE, BANK ANGLE" is given once. Follow-on aural messages are only allowed when the aircraft roll angle increases an additional 20% from the previous alert. However, only two 20% increases are allowed. If the roll angle continues to exceed this second increase, the aural alert is repeated every three seconds.

The bank angle callout warns against excessively high bank angles, events which might be triggered by spatial disorientation, instrument failure, or excessive maneuvering close to the ground to compensate for an offset approach condition. Roll rate advances the alert at all altitudes. Above 150 feet, you can get a callout at 40 degrees bank angle. Below 150 feet the bank angle threshold progressively decreases from 40 degrees to 10 degrees.