

Factual Report – Attachment 8

Horizon Air Q400 Descent Flow

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA18IA081

5. CENTER CONSOLE

- **FMS Programming and Approach Review**
 - See FMS Approach Programming earlier this section; refer to FMS Procedures in section 7, Supplementary Normal Procedures, for programming guidance.
 - The Approach Review and Briefing are described earlier this section.

Captain Descent Flow**HGS HCP – Set**

- Enter the glidepath angle in the HCP:
 - Press the G/S button.
 - Enter the published glidepath angle. [Depicted on the approach plate as “GS” for an ILS, “Glidepath angle” for an RNAV (GPS), or “Descent angle” for an RNAV (RNP)].
 - For a visual approach, enter the desired glidepath reference (e.g., VASI, PAPI).
 - Press ENTER. Verify the green LED on the G/S button extinguishes to indicate the HGS computer has accepted the glideslope information.
- Enter runway information:
 - Press the RWY button (green LED illuminates).
 - Enter the runway TDZ elevation.
 - Press the RWY button again (only required for AIII approaches)
 - Enter the runway length. (The runway length is published on the ILS CAT III approach charts.)
 - Press ENTER. Verify the green LED on the RWY button extinguishes to indicate the HGS computer has accepted the runway information.

#3 NAV – Set (For AIII Approaches only)

- Tune #3 NAV receiver to localizer frequency.

PF Descent Flow

Prior to descent:

1. CENTER CONSOLE

- **FMS Programming and Approach Review**
 - See FMS Approach Programming earlier this section; refer to FMS Procedures in section 7, Supplementary Normal Procedures, for programming guidance.
 - The Approach Review and Briefing are described earlier in this section.

2. INSTRUMENT PANEL

- **BUGS – Set for approach**
 - After the landing weight is determined, the VREF speeds are determined from the tFDP EFB application, iacbal program, or Landing Speed and Distance Tables in the Q400 Performance Handbook. The speed bugs shall be set as follows:
 - Open bug to VREF
 - Solid bug to VREF (ICE)
 - Refer to section 4, Performance, for guidance on setting airspeed indexes and bugs.
- **MDA/DH – Set**
 - Refer to section 7, Supplementary Normal Procedures, for information on setting MDA/DH altimeter references.