For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). GPS required. For inoperative ALS, increase RNP 0.17 all Cats visibility to RVR 4600, increase RNP 0.30 all Cats visibility to 1% SM. Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

**RNAV (RNP) Z RWY 28L**

**JOHN GLENN COLUMBUS INTL (CMH)**

**MISSED APPROACH:** Climb to 1400 then climbing left turn to 3000 direct LIMPS and hold.

**Apt Elev**

**TDZE**

**COLUMBUS APP CON**

**COLUMBUS TOWER**

**GND CON**

**CLNC DEL**

**CPDLC**

**Procedure NA for arrivals at BREMN on V45 southbound.**

**TDZ/CL Rwy 10R-28L**

**HIRL Rwys 10R-28L and 10L-28R**

**AUTHORIZATION REQUIRED**

**40°00'N-82°54'W**