1. For RNAV (W)/(S) SID aircraft must be approved by State of Registry in accordance with ICAO RNAV standard or equivalent (see GEN 1.5-2, para 3.5.3). Carriage of certified GNSS receiver is mandatory.
2. Aircraft that do not have approval or whose RNAV / P-RNAV capabilitly has been degraded before departure shall use the Conventional Departure Procedure described below.
3. PORPA and ROVER are FLY-OVER waypoints. All other waypoints are fly-by.
4. (DER) - Departure End of Runway.
5. Noise Mitigating SID for use between 1501 - 2300 UTC (see AD2-VHHH-22).

**WARNING**
PORPA and ROVER are FLY-OVER waypoints. Due to terrain, right turn must NOT commence before PORPA and ROVER.

**NOTE 1**
Relative Bearing Distance PORPA - RAMEN: 163°M / 11.1 NM
ROVER - RAMEN: 169°M / 11.4 NM

**RNP1/P-RNAV Departure Procedure**
(Only available to aircraft appropriately equipped and approved)

**CLIMB INSTRUCTIONS**
Initial climb to 6 000 ft. Expect further climb when instructed by ATC.

**TERRAIN CLEARANCE**
Minimum climb gradient of 4.9% (298 ft/NM) until leaving 1400 ft is required.

**SPEED RESTRICTION**
Speed restriction of 220 kt IAS maximum until established on track to RAMEN.

**Conventional Departure Procedure**
(For all other aircraft)
Track 073°M to PORPA (ISR DME 7.0 NM, or crossing LKC DVO RDL 111). At PORPA turn right track direct to RAMEN and then turn left to OCEAN. From OCEAN turn left direct to RASSE. After RASSE continue flight plan V2 / V3 route.

**CLIMB INSTRUCTIONS**
Initial climb to 6 000 ft. Expect further climb when instructed by ATC.

**TERRAIN CLEARANCE**
Minimum climb gradient of 4.9% (298 ft/NM) until leaving 1400 ft is required.

**SPEED RESTRICTION**
Speed restriction of 220 kt IAS maximum until established on track to RAMEN.

---

**RNP1/P-RNAV Departure Procedure**
(Only available to aircraft appropriately equipped and approved)

**CLIMB INSTRUCTIONS**
Initial climb to 5 000 ft. Expect further climb when instructed by ATC.

**TERRAIN CLEARANCE**
Minimum climb gradient of 4.1% (250 ft/NM) until leaving 1400 ft is required.

**SPEED RESTRICTION**
Speed restriction of 220 kt IAS maximum until established on track to RAMEN.

**Conventional Departure Procedure**
(For all other aircraft)
Track 073°M to SMT DVO R. Depart SMT DVO on RDL 085 to ROVER (SMT DME 2.6 NM, or crossing LKC DVO RDL 107). At ROVER turn right track direct to RAMEN and then turn left to OCEAN. From OCEAN turn then left direct to RASSE. After RASSE continue flight plan V2 / V3 route.

**CLIMB INSTRUCTIONS**
Initial climb to 6 000 ft. Expect further climb when instructed by ATC.

**TERRAIN CLEARANCE**
Minimum climb gradient of 4.1% (250 ft/NM) until leaving 1400 ft is required.

**SPEED RESTRICTION**
Speed restriction of 220 kt IAS maximum until established on track to RAMEN.