INSTRUMENT **AERODROME ELEV 21 ft** VISAKHAPATNAM (VOVZ) APP 119.700 **APPROACH** INDIA HEIGHTS RELATED TO **TWR** 123.500 **CHART** THR RWY 28 - ELEV 15 FT **VOR RWY 28** 83°0'0"E 83°10'0"E 83°20'0"E 83°30'0"E ALL RADIALS AND DISTANCES ARE FROM VOR(116.6 VSP) UNLESS OTHERWISE SPECIFIED At 25D VVZ, Aircraft shall change from enroute VVZ VOR to terminal VSP VOR and establish radials mentioned in 14DME ARC ELEV . ALT IN FEET DIST IN NAUTICAL MILES **BRG ARE MAGNETIC** Kailasa konda hill range located North to Northeast at 2.8NM up to 1663 ft. <u>∞</u> VAR 1.00° W (2010) -360 Yarada konda hill range locatedSoutheast to South at 3.2NM up to 1175 ft. IAF Narava hill range located West to Northwest at 3.5NM up to 1237 ft. 16D 6400 6400 ARC 140 odo o 80 **DME REQUIRED** KIN 4300 1388 2-CAUTION: (•) A465/N90 Base turn initial approach speed restricted 300 .090° to 200kt IAS MAX TONN R-060 **VOR/DME 116.6** 250 352 100 **VSP** MSA 25 NM VISAKHAPATNAM VOR(VSP 17° 43' 27.34"N 83° 14' 10.87"E MNM ALT 1874 MIN 1264 1611 CRAFT HOLDING ABOVE 3300FT, TO DESCENT IN HOLD TO 3300FT, FORE COMMMENCING APPROACH ²⁵⁰ 614 591 • • ¹16° 279 SDF 4D 499 4 LR-090 IF 2200 14D 1119 1021 1186 1178 R-255 100 W29 106 (VVZ) VOR/DME 114.0 **VOD 73** UNL 17° 40' 07.77"N **GND** 83° 15' 10.32"E IAF 25D ARC 140 (VVZ) 160 ARC 14D SCALE: 1:400,000 1 2 3 4 5 NM 1AF 16D 꾸 8 Simultaneous holding at same level over VSP VOR & IF is not authorized. 83°20'0"E 83°0'0"E 83°30'0"E FAF IF Transition Altitude 7000 SDF 14D VOR/DME Start turn 4300 2200 4D at 10D 3300 1140 **MISSED APPROACH** 108° (cat.A/B) 10D Speed restricted to 180kt IAS MAX Climb on R-279 to 1000, climbing turn LEFT **VSP** (cat.C/D) 279 H-200°M to establish R-230. Passing 3000 climbing turn LEFT to join MAPt. hold at 4300 or as instructed by ATC. 2D 2200 THR ELEV 15 NAUTICAL MILE FROM RWY 28 10 11 12 OCA(H) Distance (VORDME)/Altitude Information 4(SDF) Acft Category A/B Distance (VSP DME) NM 7.4 C/D 1140 Straight-in 700(679) 700(679) Altitude 2200 2090 1770 1460 Rate of Descent/ Ground Speed Information 100 80 120 **Ground Speed** Κt 140 160 180 Rate of Descent (5.24%) Ft/Min 425 530 635 955 745 DRG.NO. AAI/21-IALC/23/10/11/2023