02 NOV 2023 INSTRUMENT **AERODROME ELEV 2150 ft** RANCHI (VERC) **APPROACH** INDIA HEIGHTS RELATED TO TWR 118.050/124.300 **CHART** THR RWY 31 - ELEV 2077 FT ILS Y or LOC Y RWY 31 085°30'0"E ELEV, ALT IN FEET DIST IN NAUTICAL MILES 4600 **BRG ARE MAGNETIC** VAR 0.41° W (2010). 23°30'0"N 23°30'0"N M_{MOI} **DME REQUIRED** MSA 25 NM **RANCHI NDB** LOC 110.5 IRAN 2741 ۸ Ä 2703 2468 2303 ۸ **735**, 2238 23°20'0"N VED60 20'0" 10000' 33° 3750 **GND** 2425 2171 2159 GP in-Operative Procedure 2346 2500 5.1D(IRAN) Λ Altitude at FAF 3700ft 7D Descent Gradient 5.24% MAPt. 1D(IRAN) **FAF 5.1D** (IRAN) (IRAN) **GP-INOP** NDB 285 RC 2479 23° 19' 00.85"N 2172 085° 19' 18.38"E N.0.0 SCALE: 1:270,000 23° 3 5 NM 33° 085°10'0"E 085°20'0"E 085°30'0"E Intercept Transition Altitude 6000 LOC **NDB FAF** 5.1D (IRAN) 4600 1350 7D 3700 **MISSED APPROACH** 1320 (IRAN) (GP in - op) Procedure Climb straight ahead to 3800ft, turn at 312° climbing turn LEFT to 4D (IRAN) **MAPt** 7D NDB(RC 285) to join hold 3370 (GP-inop) (GP in - op) 6 5.24% 1D (IRAN) at 4600ft or as instructed by ATC. (IRAN) 3700 (Cat A/B) ILS RDH 56.8 THR ELEV 2077 NAUTICAL MILE FROM THR RWY 31 0 8 10 11 12 13 Distance / Altitude Information for G.P.inoperative Procedure OCA (H) В Distance(IRAN/DME) NM 5D 4D 3D 5.1D(FAF) 2D 2301(224) 2400(323) Altitude Ft 3370 2301(224) 2400(323) Straight-in 3700 3680 Approach GP INOP 2600(523) 2600(523) 2600(523) 2600(523) Ground speed / Rate of Descent Information for G.P.inoperative Procedure 3140(990) 2920(770) 2920(770) 3140(990) Ground Speed 160 180 120 140 DRG.NO. AAI/34-IALC/22/06/02/2023 Rate of Descent (5.24%) 850 Ft/Min 425 530 635 745 955

AD 2 VERC 2-105