AERODROME ELEVATION: 630.55 m / 2069 ft SHIVAMOGGA, INDIA **AERODROME OBSTACLE CHART** ARP ELEVATION: 626.32 m / 2055 ft SHIVAMOGGA AIRPORT **TYPE-B** RUNWAY: 08/26 (FOR OFFICIAL USE OF KSIIDC ONLY) (FOR CODE - 4 VFR OPERATION) LIST OF OBSTACLES LIST OF OBSTACLES TOP ELEV TOP ELEV INFRINGEMENT INFRINGEMENT IN M. IN FEET IN M. IN FEET SNO UID LATITUDE SURFACE SURFACE LATITUDE IN FEET WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN I.H.S WITHIN I.H.S WITHIN APP FUNNE WITHIN I.H.S WITHIN APP FUNNE WITHIN APP FUNNEL 5 | 5030 | 13° 52' 25.080" N | 075° 38' 59.832" E Staircase Room Top - 678.08 WITHIN I.H.S WITHIN APP FUNNE 6 5109 13° 52' 23.073" N 075° 38' 59.326" 7 5110 13° 52' 22.876" N 075° 38' 59.355" 8 5104 13° 52' 06.437" N 075° 38' 39.510" WITHIN APP FUNNEL WITHIN I.H.S WITHIN APP FUNNEL WITHIN I.H.S WITHIN APP FUNNEL 9 5120 13° 52' 01.449" N 075° 39' 24.806" E WITHIN APP FUNNEL WITHIN APP FUNNE 10 6054 13° 51' 40.167" N 075° 38' 26.584" E 11 6060 13° 51' 42.634" N 075° 38' 23.136" E WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN APP FUNNEL 3 | 13° 51' 43.020" N | 075° 38' 23.413" E WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN APP FUNNE WITHIN APP FUNNEL 51' 44.102" N 075° 38' 21.927" WITHIN APP FUNNEL WITHIN APP FUNNEL 3° 51' 44.573" N 075° 38' 21.513" WITHIN APP FUNNEL WITHIN T.S 13° 51' 43.941" N 075° 38' 20.412' WITHIN APP FUNNEL WITHIN C.S 19 6050 13° 51' 45.684" N 075° 38' 20.805" WITHIN APP FUNNEL WITHIN O.H.S WITHIN APP FUNNEL 13° 51' 46.643" N | 075° 38' 19.914" E WITHIN O.H.S WITHIN APP FUNNEL 798.6 WITHIN O.H.S INSET MAP - OUTER HORIZONTAL SURFACE WITHIN APP FUNNEL 13° 51' 46.492" N | 075° 38' 18.910" E WITHIN O.H.S WITHIN O.H.S 24 6204 13° 51' 48.037" N 075° 38' 18.387" E WITHIN APP FUNNEL WITHIN O.H.S WITHIN C.S 3° 51' 47.117" N 075° 38' 17.100" WITHIN APP FUNNEL WITHIN C.S 5650 13° 51' 47.308" N 075° 38' 16.565" E WITHIN O.H.S 3° 51' 46.293" N 075° 38' 16.805" F WITHIN APP FUNNEL WITHIN RWY STRIP 3° 51' 45.783" N 075° 38' 16.933" WITHIN APP FUNNEL WITHIN T.S 31 | 5653 | 13° 51' 45.557" N | 075° 38' 16.561" E WITHIN RWY STRIP WITHIN APP FUNNEL WITHIN RWY STRIP WITHIN APP FUNNE WITHIN RWY STRIP 34 6205 13° 51' 44.941" N 075° 38' 16.890" E WITHIN APP FUNNEL WITHIN RWY STRIP WITHIN RWY STRIP WITHIN APP FUNNEL WITHIN RWY STRIP WITHIN RWY STRIP WITHIN APP FUNNEL WITHIN T.S 2144 2149 WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN APP FUNNE WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN APP FUNNE WITHIN APP FUNNEL WITHIN APP FUNNEL 2143 2142 2146 WITHIN APP FUNNEL WITHIN APP FUNNEL WITHIN APP FUNNEL 6216 13° 51' 43.323" N 075° 38' 16.348" WITHIN APP FUNNEL 5657 | 13° 51' 43.159" N | 075° 38' 16.066" E WITHIN APP FUNNEL 148 | 6352 | 13° 51' 42.880" N | 075° 38' 18.750" E Group of Trees 5944 13° 51' 42.988" N 075° 38' 15.598" E WITHIN APP FUNNEL WITHIN APP FUNNEL 149 | 6372 | 13° 51' 41.079" N | 075° 38' 18.049" E Group of Trees 5945 | 13° 51' 42.297" N | 075° 38' 15.364" F WITHIN APP FUNNEL WITHIN T.S 150 | 6362 | 13° 51' 39.427" N | 075° 38' 17.632" E Group of Trees 654.95 6221 | 13° 51' 42.390" N | 075° 38' 15.479" E | 5938 | 13° 51' 42.295" N | 075° 38' 15.485" E WITHIN APP FUNNEL Group of Trees I51 | 6354 | 13° 51' 38.243" N | 075° 38' 19.178" E WITHIN T.S. Group of Trees WITHIN APP FUNNEL WITHIN T.S Group of Trees 5658 13° 51' 42.397" N 075° 38' 15.992" WITHIN APP FUNNEL Electric Pole 153 | 6355 | 13° 51' 38.894" N | 075° 38' 19.206" E Group of Trees WITHIN T.S 54 6217 13° 51' 42.421" N 075° 38' 16.420" E WITHIN APP FUNNEL 2148 Group of Trees 14.0 Group of Trees 654.24 WITHIN T.S 154 | 6357 | 13° 51' 39.063" N | 075° 38' 19.292" E 55 | 6218 | 13° 51' 42.246" N | 075° 38' 16.316" Group of Trees 2145 WITHIN APP FUNNEL WITHIN T S 155 | 6356 | 13° 51' 39.152" N | 075° 38' 19.616" E Group of Trees 56 6219 13° 51' 42.077" N 075° 38' 16.313" 2147 WITHIN APP FUNNEL Group of Trees 156 | 6358 | 13° 51' 39.418" N | 075° 38' 19.399" E WITHIN T.S Group of Trees 6220 | 13° 51' 41.819" N | 075° 38' 16.225" E Group of Trees 2149 WITHIN APP FUNNEL Group of Trees 157 | 6359 | 13° 51' 39.790" N | 075° 38' 19.359" E WITHIN T.S 5949 13° 51' 41.647" N 075° 38' 16.110" E Group of Trees 2151 WITHIN APP FUNNEL 158 | 6360 | 13° 51' 39.943" N | 075° 38' 19.237" E Group of Trees WITHIN T.S 59 5659 13° 51' 41.706" N 075° 38' 15.906" E Electric Pole WITHIN APP FUNNEL Group of Trees 159 | 6373 | 13° 51' 40.199" N | 075° 38' 18.879" E WITHIN T.S 5946 | 13° 51' 41.909" N | 075° 38' 15.496" E 2104 WITHIN APP FUNNEL 160 | 6361 | 13° 51' 40.548" N | 075° 38' 18.651" E WITHIN T.S Group of Trees 5947 | 13° 51' 41.765" N | 075° 38' 15.504" E WITHIN APP FUNNEL Group of Trees 5948 | 13° 51' 41.237" N | 075° 38' 15.297" WITHIN APP FUNNEL 162 | 6370 | 13° 51' 40.572" N | 075° 38' 20.207" E WITHIN T S Group of Trees 63 6230 13° 51' 41.296" N 075° 38' 16.166" E 2143 WITHIN APP FUNNEL Group of Trees 163 | 6366 | 13° 51' 40.228" N | 075° 38' 19.857" E Group of Trees WITHIN T.S 6231 13° 51' 41.126" N 075° 38' 15.975" E 2138 WITHIN APP FUNNEL Group of Trees WITHIN T.S 164 | 6367 | 13° 51' 40.070" N | 075° 38' 20.247" E Group of Trees 5950 | 13° 51' 41.062" N | 075° 38' 16.001" E Group of Trees WITHIN APP FUNNEL 165 | 6368 | 13° 51' 40.209" N | 075° 38' 20.405" E WITHIN T.S Group of Trees 66 6232 13° 51' 40.950" N 075° 38' 16.188" 2145 WITHIN APP FUNNEL Group of Trees WITHIN T.S 166 | 6369 | 13° 51' 40.187" N | 075° 38' 20.929" E Group of Trees 3° 51' 40.855" N 075° 38' 16.030" 2139 WITHIN APP FUNNEL Group of Trees Group of Trees 167 | 6374 | 13° 51' 40.639" N | 075° 38' 21.119" E WITHIN T.S 5660 13° 51' 40.702" N 075° 38' 15.800" E WITHIN APP FUNNEL Electric Pole 2,000 Meters WITHIN T.S 168 | 6344 | 13° 51' 40.709" N | 075° 38' 21.967" E Group of Trees 5951 13° 51' 40.673" N 075° 38' 15.982" Group of Trees WITHIN APP FUNNEL 169 | 6384 | 13° 51' 39.761" N | 075° 38' 22.388" E WITHIN T.S Group of Trees 70 6234 13° 51' 40.628" N 075° 38' 16.107" Group of Trees 2150 WITHIN APP FUNNEL 170 | 6383 | 13° 51' 39.260" N | 075° 38' 23.278" E Group of Trees WITHIN T.S 6235 | 13° 51' 40.351" N | 075° 38' 16.049" E 2154 16.4 WITHIN APP FUNNEL 1 6345 13° 51' 41.058" N 075° 38' 23.792" E Group of Trees 654.41 WITHIN T.S 2 6236 13° 51' 40.132" N 075° 38' 16.092" Group of Trees 13.4 WITHIN T.S WITHIN T.S 72 | 6346 | 13° 51' 41.158" N | 075° 38' 23.131" E Group of Trees 652.28 6237 | 13° 51' 40.049" N | 075° 38' 15.912" E Group of Trees WITHIN T.S 173 | 6343 | 13° 51' 42.068" N | 075° 38' 21.686" E Group of Trees WITHIN APP FUNNEL 74 | 6225 | 13° 51' 39.921" N | 075° 38' 15.280" E 2103 Group of Trees WITHIN T.S 174 | 6341 | 13° 51' 42.349" N | 075° 38' 22.103" E Group of Trees WITHIN APP FUNNE 5661 13° 51' 39.707" N 075° 38' 15.681" WITHIN T.S 175 | 6391 | 13° 51' 42.941" N | 075° 38' 21.649" E Group of Trees 653.92 WITHIN APP FUNNEL 5953 13° 51' 39.705" N 075° 38' 15.757" WITHIN T.S Group of Trees Group of Trees 176 | 6350 | 13° 51' 43.534" N | 075° 38' 21.300" E WITHIN APP FUNNEL 5952 | 13° 51' 39.678" N | 075° 38' 16.274" E Group of Trees WITHIN T.S 177 | 6342 | 13° 51' 42.302" N | 075° 38' 20.717" | WITHIN APP FUNNEL 10.4 10.6 78 | 6238 | 13° 51' 39.534" N | 075° 38' 16.290" E Group of Trees WITHIN T.S Group of Trees 79 | 6239 | 13° 51' 39.418" N | 075° 38' 16.316" E 178 | 6348 | 13° 51' 42.673" N | 075° 38' 20.609" E Group of Trees WITHIN APP FUNNEL WITHIN T.S 2149 WITHIN APP FUNNE 179 | 6390 | 13° 51' 42.917" N | 075° 38' 20.672" E 653.90 5471 13° 51' 39.164" N 075° 38' 15.953" Group of Trees WITHIN T.S Group of Trees 180 | 6347 | 13° 51' 43.212" N | 075° 38' 20.735" | Group of Trees WITHIN APP FUNNEL 6241 13° 51' 38.678" N 075° 38' 15.950" E WITHIN T.S Group of Trees WITHIN APP FUNNEL 82 6240 13° 51' 38.645" N 075° 38' 16.062" E Group of Trees 2147 WITHIN T.S 181 | 6353 | 13° 51' 43.396" N | 075° 38' 20.338" | Group of Trees 653.98 182 | 6349 | 13° 51' 43.992" N | 075° 38' 19.895" E WITHIN APP FUNNEL 5954 13° 51' 38.138" N 075° 38' 15.874" E Group of Trees WITHIN T.S **Group of Trees** Group of Trees WITHIN APP FUNNEL 5955 13° 51' 37.304" N 075° 38' 15.551" 2143 183 | 6351 | 13° 51' 44.523" N | 075° 38' 20.333" E Group of Trees Group of Trees 184 | 6388 | 13° 51' 45.533" N | 075° 38' 21.639" E WITHIN APP FUNNEL 6083 13° 51' 36.571" N 075° 38' 15.738" E WITHIN T.S WITHIN APP FUNNE 86 4138 13° 51' 41.754" N 075° 37' 50.892" 2083 WITHIN T.S 185 | 6389 | 13° 51' 46.331" N | 075° 38' 20.654" E Group of Trees Group of Trees WITHIN APP FUNNEL 4178 | 13° 51' 32.755" N | 075° 37' 48.373" WITHIN T.S 186 | 6405 | 13° 51' 45.950" N | 075° 38' 24.633" E 187 | 6404 | 13° 51' 46.242" N | 075° 38' 25.088" E 4062 13° 51' 35.703" N 075° 37' 02.857" WITHIN APP FUNNEL WITHIN T.S Group of Trees Group of Trees WITHIN APP FUNNEL 188 | 6406 | 13° 51' 46.547" N | 075° 38' 23.905" E 6033 | 13° 51' 17.998" N | 075° 36' 04.954" E WITHIN APP FUNNEL 90 6014 13° 51' 17.876" N 075° 36' 05.558" E 2055 WITHIN APP FUNNEL 189 | 6393 | 13° 51' 47.384" N | 075° 38' 22.884" E Group of Trees WITHIN APP FUNNEL **Group of Coconut Trees** 6036 13° 51' 17.050" N 075° 36' 03.207" WITHIN APP FUNNEL 190 | 6394 | 13° 51' 47.966" N | 075° 38' 22.473" E WITHIN APP FUNNEL Group of Trees Group of Trees 6035 | 13° 51' 16.791" N | 075° 36' 03.868" E WITHIN APP FUNNEL 191 | 6395 | 13° 51' 48.265" N | 075° 38' 22.933" E Group of Trees WITHIN APP FUNNEL 6021 13° 51' 16.211" N 075° 36' 04.236" E 192 | 6396 | 13° 51' 48.984" N | 075° 38' 23.261" E WITHIN APP FUNNEL WITHIN APP FUNNEL Group of Trees Group of Coconut Trees Group of Trees 94 6023 13° 51' 15.602" N 075° 36' 03.986" E WITHIN APP FUNNEL 193 | 6397 | 13° 51' 49.168" N | 075° 38' 24.050" E WITHIN APP FUNNEL 6020 13° 51' 16.085" N 075° 36' 05.205" E WITHIN APP FUNNEL 194 | 6399 | 13° 51' 48.909" N | 075° 38' 25.033" E WITHIN APP FUNNEL 2055 Group of Trees 6034 | 13° 51' 16.925" N | 075° 36' 04.872" E WITHIN APP FUNNEL 195 | 6400 | 13° 51' 47.745" N | 075° 38' 25.470" E WITHIN APP FUNNE Group of Trees Group of Trees 5459 13° 51' 16.695" N 075° 36' 05.460" E WITHIN APP FUNNEL 196 | 6401 | 13° 51' 47.254" N | 075° 38' 25.912" E Group of Trees 650.94 2136 WITHIN APP FUNNEL 2068 2057 98 | 4343 | 13° 51' 17.072" N | 075° 36' 06.537" Group of Trees 630.4 WITHIN APP FUNNEL 197 | 6403 | 13° 51' 46.465" N | 075° 38' 26.051" E Group of Trees 648.83 2129 WITHIN APP FUNNEL 6015 13° 51' 16.867" N 075° 36' 06.233" E WITHIN APP FUNNEL WITHIN APP FUNNEL Group of Coconut Trees 198 | 6416 | 13° 51' 45.410" N | 075° 38' 27.041" E Group of Trees 100 | 6016 | 13° 51' 16.602" N | 075° 36' 06.290" E 199 | 6402 | 13° 51' 46.996" N | 075° 38' 27.637" E Group of Trees WITHIN APP FUNNEL Group of Coconut Trees 52' ELEV : 626.32 m/ 2055 ft. (ORTHOMETRIC) **INSET MAP - APPROACH 26** INSET MAP - APPROACH 08 650 1,300 2,600 Metres RWY ELEV. 612.47 m BHADRA WILDLIFE SANCTUARY *GRID: GRID LINES AND CO-ORDINATES SHOWN ARE BASED ON THE WGS-84 DATUM. *GEOID MODEL - EGM 2008. Legend *ALL GEOGRAPHICAL CO-ORDINATES ARE IN WGS-84 SYSTEM. *ALL ELEVATIONS & CONTOURS ARE IN FEET.(EGM 2008) **\$\$** LOCATION DIMENSIONS ARE IN METRES. • POLE, TOWER, SPIRE, ANTENNA, ETC. *ELEVATION OF OBSTACLES ARE IN METRES/FEET. <u>SCALE</u> *OBSTACLES ARE THOSE WHICH PENETRATE THE SURFACES ★ TREE OR SHRUB SPECIFIED IN CAR SECTION 4 SERIES 'B' PART 1 ■ BUILDING OR LARGE STRUCTURE 750 1,500 3,000 Metres (AERODROME DESIGN AND OPERATIONS) SCALE = 1:20,000*CHART PREPARED BASED ON CAR SECTION 9 AS AND HILL ATM SERIES G PART 1 ORDER OF ACCURACY • POLE, TOWER, SPIRE, ANTENNA, ETC. AMENDMENT RECORDS ★ TREE OR SHRUB GEOID CONSULTANCY PHONE NO.: 044-22351310/9841033844 HORIZONTAL: 5.0 M CONSULTANT: REMARKS PVT LTD EMAIL ID.: support@geoid.co.in DATE No. VERTICAL: 0.5 M KARNATAKA STATE INDUSTRIAL & INFRASTRUCTURE RAILWAY CLIENT: NATIONAL HIGHWAY **DEVELOPMENT CORPORATION LIMITED** Kilometers CANAL **PROJECT SURVEY OF SHIVAMOGGA AIRPORT** Thomas H.T. LINE TYPE-B CHART TITLE CONTOUR SMG/TYPE-B/2022 (SURVEY) **SCALE** 1:20,000 Nautical Miles GREENERY 03 OCT 2022 TO 15 OCT 2022 & 05 FEB 2023 TO 07 FEB 2023 PERIOD OF SURVEY LAKE & RIVER SURVEYED BY GEOID SURVEY TEAM 075° 40' 075° 34' 075° **3**7' 075° 39' 075°**'**41' 075[°] 33' DRG.NO.KSIIDC/ TYPE-B/SURVEY/2022 MAP REF. : QA/TYPE-B/SMG/VFR/IN 1/2 DGPS PENTAX G6Ni RECEIVER TRIMBLE C5 TOTAL STATION : 15.02.2023 DATE OF ISSUE 1. All Co-ordinates are in WGS 84 and Elevations & Dimensions are in Metres (EGM 2008) PENTAX TOTAL STATION R-1501 N SUPERSEDES DATE: 16.12.2022 2. Geoid Model - EGM 2008 AERONAUTICAL INFORMATION UPTO FEBRUARY 2023

AMDT 04/2023

Airports Authority of India