GRID LINES AND CO-ORDINATES SHOWN ARE IN WGS-84 DATUM. **AERODROME OBSTACLE CHART** AMRITSAR, INDIA DIMENSIONS IN METRES. **ELEVATIONS IN METRES (EGM-08)** SRI GURU RAMDASS JEE INTL. AIRPORT TYPE - B AERODROME ELEVATION 231.8M (760 FT.). 74°44'0"E 74°47'0"E 74°50'0"E 74°52'0"E 74°51'0"E 74°45'0"E 74°46'0"E 74°48'0"E 74°49'0"E ANNUAL RATE OF CHANGE 2'E BHALA PIND __SALIMPURA RANEWALI MIRAN KOT KALAN BALAGGAN MIRAN KOT KHURD √ 53 EASTING NORTHING PERM.ELEV. OBST. DIST. FOR LATITUDE LONGITUDE ELEV_M. REMARKS 21 AIRPORT BOUNDARY WALL FENCING 31° 41' 42.513" N 074° 48' 18.169" E 232.9 WITHIN APP 34 MOBILE ROAD TRAFFIC (ROAD ELEV. 31° 41' 45.811" N 074° 48' 19.261" E 234.6 WITHIN RWY STRIP 481553.8859 3506763.353 230.3 1422 229.6M.+5M. MOBILE TRAFFIC) KANBOH 3 3001 ANTENNA ON LLZ HUT (HUT TOP 234.9M) 31° 43' 45.689" N 074° 47' 19.271" E 238.7 WITHIN APP 16 479981.8733 3510457.13 236.8 4 3002 BIRD CHASER HUT
5 3021 MET VRF ANTENNA
6 3022 MET VRF ANTENNA 31° 43' 34.857" N 074° 47' 26.867" E 233.9 WITHIN RWY STRIP 480181.1175 3510123.245 231.5 2.4 1959 31° 43' 28.094" N 074° 47' 29.119" E 234.3 WITHIN RWY STRIP 480239.9805 3509914.91 231.2 3.1 1747 31° 43' 28.997" N 074° 47' 28.675" E 234.4 WITHIN RWY STRIP 480228.3498 3509942.733 231.3 3.1 1777 7 3087 GROUP OF TREES 8 3088 GROUP OF TREES 9 3089 GROUP OF TREES 31° 41' 39.753" N 074° 48' 20.138" E 237.3 WITHIN APP 34 481576.6393 3506576.797 233.7 3.6 1870 31° 41' 42.239" N 074° 48' 20.489" E 236.8 WITHIN APP 34 481586.0156 3506653.32 232.4 4.4 1799 31° 41' 41.782" N 074° 48' 19.508" E 237.0 WITHIN APP 34 481560.1665 3506639.296 232.4 4.6 1805 10 3090 GROUP OF TREES
11 3095 PERIMETER LIGHT POLE
12 3096 PERIMETER LIGHT POLE
13 3097 ANTENNA ON PLOC 31° 41' 38.856" N 074° 48' 12.819" E 238.4 WITHIN APP 34 481383.9215 3506549.526 232.8 5.6 1853 31° 41′ 43.851″ N 074° 48′ 19.796″ E 234.2 WITHIN APP 34 481567.8615 3506702.984 231.3 2.9 1746 31° 41′ 44.445″ N 074° 48′ 20.085″ E 235.1 WITHIN APP 34 481575.5019 3506721.258 231.0 4.1 1731 13 3097 ANTENNA ON BLDG
14 3099 GROUP OF TREES
15 3100 SECURITY HUT
16 3101 SECURITY HUT
17 3118 MET VRF ANTENNA
18 3119 BIRD CHASER HUT
19 3121 MET VRF ANTENNA 31° 41' 49.522" N 074° 48' 21.190" E 241.9 WITHIN T.S. 481604.8677 3506877.517 240.7 1.2 1592 31° 41′ 24.073" N 074° 48′ 16.725" E 248.7 WITHIN APP 34 481485.9293 3506094.2 242.0 6.7 2319 31° 41′ 43.739" N 074° 48′ 19.714" E 232.7 WITHIN APP 34 481565.6965 3506699.539 231.4 1.3 1749 31° 41' 40.314" N 074° 48' 10.408" E 232.3 WITHIN APP 34 481320.5347 3506594.53 231.4 0.9 1799 DHAUL KHURD KHAIRANBAD 19 3121 MET VRF ANTENNA 20 3122 MET VRF ANTENNA DHAUL KALAN 25 3133 G.P.DME ANTENNA 26 3134 GP HUT 27 3356 STRUCTURE 28 3460 MET VRF ANTENNA 29 3461 MET VRF ANTENNA 31° 42' 41.365" N 074° 47' 52.474" E 233.5 WITHIN RWY STRIP 480851.9188 3508475.045 230.9
31° 42' 38.039" N 074° 47' 51.790" E 233.0 WITHIN RWY STRIP 480833.7262 3508372.677 230.9
31° 42' 39.455" N 074° 47' 51.297" E 233.4 WITHIN RWY STRIP 480820.832 3508416.296 230.9 31° 42' 39.455" N 074° 47' 51.297" E 233.4 WITHIN RWY STRIP 480820.832 3508416.296 230.9 31° 42' 40.363" N 074° 47' 50.876" E 233.4 WITHIN RWY STRIP 480809.8038 3508444.273 230.9 31° 43' 08.699" N 074° 47' 40.908" E 240.6 WITHIN T.S. 480549.0935 3509317.181 235.1 31° 42' 50.452" N 074° 47' 28.732" E 260.9 WITHIN T.S. 480627.5769 3508755.995 257.8 31° 42' 27.395" N 074° 47' 46.276" E 240.9 WITHIN T.S. 480687.987 3508045.236 235.4 31° 42' 26.122" N 074° 47' 47.157" E 236.7 WITHIN T.S. 480711.102 3508006 234.3 31° 42' 14.359" N 074° 48' 12.628" E 253.6 WITHIN T.S. 481380.8638 3507642.608 253.3 31° 44' 44.746" N 074° 46' 26.644" E 282.8 WITHIN APP 16 478600.794 3512278.179 280.9 31° 41' 20.957" N 074° 48' 20.106" E 252.2 WITHIN APP 34 481574.7653 350828.367 244.7 3461 MET VRF AN IENNA

) 3462 MET VRF ANTENNA

1 3529 WATCH TOWER

2 3534 TREE

33 3639 ANTENNA ON BUILDING

34 3640 WIND DIRECTION INDICATOR

35 3724 SMR

36 3781 CELL PHONE TOWER

37 3785 GROUP OF TREES GUMTALA 481574.7653 3505998.104 244.4 479844.7097 3510828.367 244.7 3850 GROUP OF TREES 31° 43' 57.738" N 074° 47' 14.031" E 247.5 WITHIN APP 16 3856 GROUP OF TREES
3858 GROUP OF TREES 31° 43' 56.351" N 074° 47' 15.517" E 248.1 WITHIN APP 16 31° 43' 57.386" N 074° 47' 06.626" E 252.4 WITHIN APP 16 41 3859 TREE 42 3869 APP LIGHT 43 3961 WIND INDICATOR 479556.577 3510762.245 245.6 31° 43' 55.572" N 074° 47' 03.086" E 251.0 WITHIN APP 16 31° 43' 37.233" N 074° 47' 19.960" E 232.3 WITHIN APP 16 31° 43' 22.151" N 074° 47' 19.496" E 237.4 WITHIN T.S. 31° 43' 59.304" N 074° 47' 10.431" E 249.4 WITHIN APP 16 31° 43' 36.101" N 074° 47' 11.302" E 244.7 WITHIN T.S 31° 41' 39.283" N 074° 48' 27.209" E 247.3 WITHIN T.S. GAUNSABAD 31° 41' 31.043" N 074° 48' 16.763" E 244.6 WITHIN APP 34 481487.3144 3506308.791 238.0 WADALA BHITEWADH 242.5 WITHIN APP 34 31° 41' 27.100" N 074° 48' 17.857" E 481515.897 3506187.342 240.5 31° 41' 43.475" N 074° 48' 19.042" E 232.6 WITHIN APP 34 481547.992 3506691.442 231.4 31° 41' 43.475" N 074° 48' 19.042" E 232.6 WITHIN APP 34 481547.992 3506691.442 231.4 1.2 31° 41' 46.830" N 074° 48' 21.045" E 239.0 WITHIN T.S. 481600.903 3506794.643 235.8 3.2 31° 41' 46.450" N 074° 48' 20.040" E 239.0 WITHIN T.S. 481574.4274 3506782.99 231.7 7.3 31° 41' 45.025" N 074° 48' 20.888" E 239.0 WITHIN T.S. 481596.6713 3506739.078 232.2 6.8 31° 41' 45.310" N 074° 48' 21.892" E 239.0 WITHIN T.S. 481633.1162 3506747.804 236.1 2.5 31° 41' 46.033" N 074° 48' 22.363" E 239.0 WITHIN T.S. 481635.554 3506770.043 239.0 0.0 31° 41' 46.311" N 074° 48' 19.146" E 233.2 WITHIN RWY STRIP 481550.8857 3506778.753 230.3 2.5 31° 42' 40.588" N 074° 47' 56.555" E 249.3 WITHIN T.S. 480959.2854 3508450.923 241.6 7. 31° 42' 41.922" N 074° 47' 52.430" E 232.6 WITHIN RWY STRIP 480850.7927 3508492.196 230.9 1. 31° 42' 43.986" N 074° 47' 53.411" E 237.8 WITHIN T.S. 480876.7298 3508555.695 236.3 1. 31° 42' 50.168" N 074° 47' 50.000" E 240.9 WITHIN T.S. 480787.3088 3508746.195 235.0 5 31° 42' 52.348" N 074° 47' 48.286" E 237.0 WITHIN T.S. 480742.3236 3508813.397 232.9 4 4316 PERIMETER LIGHT POLE 56 4317 PERIMETER LIGHT POLE
57 4328 TREE
58 4329 MET VRF ANTENNA
59 4338 PERIMETER LIGHT POLE
60 4345 WATCH TOWER ° 42' 52.348" N | 074° 47' 48.286" E 480742.3236 3508813.397 232.9 4.1 62 4363 TREE 63 4365 TREE 64 4367 PERIMETER LIGHT POLE 31° 43' 44.422" N 074° 47' 26.681" E 251.0 WITHIN T.S 31° 43' 40.686" N 074° 47' 28.022" E 244.5 WITHIN T.S
 480176.7882
 3510417.744
 245.5

 480211.8555
 3510302.651
 244.0
 1° 43' 46.060" N 074° 47' 23.209" E 236.3 WITHIN T.S 480085.5218 3510468.351 236.2 31° 43' 36.962" N 074° 47' 30.204" E 245.6 WITHIN T.S. 31° 41' 01.756" N 074° 48' 49.057" E 262.2 WITHIN APP 34 66 4372 GROUP OF TREES
67 4391 GROUP OF TREES
68 4392 GROUP OF TREES
69 4404 SIGN BOARD
70 4405
MOBILE ROAD TRAFFIC (ROAD ELEV. 3
229.5M.+5M. MOBILE TRAFFIC) 31° 44' 38.315" N 074° 46' 36.708" E 278.5 WITHIN APP 16 31° 43' 56.369" N 074° 47' 04.777" E 250.5 WITHIN APP 16 478865.1699 3512079.633 275.3 479601.1217 3510786.696 31° 41' 50.795" N 074° 48' 12.872" E 230.6 WITHIN RWY STRIP 481385.9795 3506917.104 229.8 -----31° 41' 43.182" N 074° 48' 17.693" E 234.5 WITHIN APP 34 4500 GROUP OF TREES 31° 41' 35.040" N 074° 48' 14.060" E 241.6 WITHIN APP 34 481416.3795 3506431.98 235.2 6.4 1975 4505 WIND DIRECTION INDICATOR 31° 42' 28.668" N 074° 47' 49.511" E 239.3 WITHIN RWY STRIP 480773.207 3508084.271 231.0 8.3 412 31° 42′ 45.059" N 074° 47′ 52.473" E 235.7 WITHIN T.S. 31° 42′ 48.858" N 074° 47′ 50.263" E 234.2 WITHIN T.S. 31° 43′ 40.653" N 074° 47′ 09.841" E 241.3 WITHIN T.S.
 480852.1041
 3508588.777
 235.0
 0.7
 301

 480794.1561
 3508705.85
 233.7
 0.5
 427
 3 4519 STRUCTURE 4 4521 STRUCTURE 5 6001 LIGHTNING ROD (L) 479733.423 3510302.564 239.4 1.9 2342 AIRPORT BOUNDARY WALL FENCING 31° 41' 39.755" N 074° 48' 10.513" E 232.5 WITHIN APP 34 481323.268 3506577.314 008 ON TOP 31 41 33.733 N 074° 48' 20.855" E 233.1 WITHIN APP 34 481595.7381 3506702.503 77 8009 ON TOP
78 8010 MOBILE ROAD TRAFFIC (ROAD ELEV. 230.1M.+5M. MOBILE TRAFFIC) 74°50'0"E 74°52'0"E 74°45'0"E 74°44'0"E 74°46'0"E 74°47'0"E 74°48'0"E 74°49'0"E 74°51'0"E **LEGEND** AERODROME REFERENCE POINT SCALE 1:20,000 1. OBSTACLES SHOWN ARE THOSE WHICH PENETRATE THE SURFACES SPECIFIED IN ANNEX 14, VOL-1, CHAPTER-4 & GSR.
2. TORA FOR RWY 16 IS 3658M.
TORA FOR RWY 34 IS 3658M.
3. TO BRING OUT THE CLEARITY IN THE OBSTACLES DEPICTED IN THE APPROACH AND TAKE-OFF SURFACE, ONLY HIGHER OBSTACLES HAVE BEEN SHOWN FROM GROUP OF OBSTACLES.
4. ALL OBSTACLES ARE SHOWN IN THE CHART BASED ON AERONAUTICAL SURVEY SEPTEMBER 2018.
5. TOPOGRAPHIC FEATURES SOURCE- WORLD TOPO MAP, ESRI 6. CONTOUR SOURCE - SRTM DATA. 31°42'38.13"N 074°48'00.56"E CANAL 800 225 CONTOUR 1,600 6,400 3.200 4,800 VILLAGE ROAD NALA RAIL TRACK AERONAUTICAL INFORMATION UPTO: DECEMBER 2019 AAI DRG.NO.- 05/AMRITSAR/2019 (CARTO) COMPILED BY: CARTO, AIRPORTS AUTHORITY OF INDIA