

## AD 2 AERODROMES

### RJGG AD 2.1 AERODROME LOCATION INDICATOR AND NAME

**RJGG - CHUBU CENTRAIR International**

### RJGG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

|   |  |   |
|---|--|---|
| 1 | ARP coordinates and site at AD   | 345130N/1364819E<br>168° / 1.75km FM RWY 18 THR   |
| 2 | Direction and distance from (city)   | 35km S fm Nagoya City   |
| 3 | Elevation/ Reference temperature   | 12ft / 32°C(2016-2020)  |
| 4 | Geoid undulation at AD ELEV PSN  | 125ft   |
| 5 | MAG VAR/ Annual change   | 7°W(2021) / Annual Change 4.2'W   |
| 6 | AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses | CENTRAL JAPAN INTERNATIONAL AIRPORT CO.,LTD.(CJIAC)<br>1-1, Centrair, Tokoname, Aichi, 479-8701 JAPAN<br>Tel :0569-38-1500 Fax: 0569-38-1510<br>AFS: RJGGYDYX, Web: <a href="https://www.centrair.jp">https://www.centrair.jp</a> |
| 7 | Types of traffic permitted (IFR/VFR)   | IFR/VFR   |
| 8 | Remarks  | Chubu International Airport Office(CAB)<br>1-1, Centrair, Tokoname, Aichi, 479-0881 JAPAN<br>Tel: 0569-38-2155  |

### RJGG AD 2.3 OPERATIONAL HOURS

|    |                           |     |
|----|---------------------------|-----|
| 1  | AD Administration         | H24 |
| 2  | Customs and immigration   | H24 |
| 3  | Health and sanitation     | H24 |
| 4  | AIS Briefing Office       | Nil |
| 5  | ATS Reporting Office(ARO) | Nil |
| 6  | MET Briefing Office       | H24 |
| 7  | ATS                       | H24 |
| 8  | Fuelling                  | H24 |
| 9  | Handling                  | H24 |
| 10 | Security                  | H24 |
| 11 | De-icing                  | Nil |
| 12 | Remarks                   | Nil |

**RJGG AD 2.4 HANDLING SERVICES AND FACILITIES**

|   |   |  |
|---|---|--|
| 1 | Cargo-handling facilities               | All the modern institutions that deal with the weight thing to a Boeing747 type freighter. |
| 2 | Fuel/ oil types                         | Fuel grades: JET A-1<br>Oil grades: All turbine grades                                     |
| 3 | Fuelling facilities/ capacity           | Hydrant refueling, Fuel truck/ Ask AD Administration                                       |
| 4 | De-icing facilities                     | Nil  |
| 5 | Hangar space for visiting aircraft      | Ask AD administration<br>Tel: 0569-38-7850 E-mail: businessjet@cjiac.co.jp                 |
| 6 | Repair facilities for visiting aircraft | Nil  |
| 7 | Remarks                                 | Nil  |

**RJGG AD 2.5 PASSENGER FACILITIES**

|   |                      |   |
|---|----------------------|---|
| 1 | Hotels               | At Airport  |
| 2 | Restaurants          | At Airport  |
| 3 | Transportation       | Railways, Buses, Taxis and Ships                              |
| 4 | Medical facilities   | First aid treatment, ambulance; hospital in Tokoname city 6km |
| 5 | Bank and Post Office | At Airport  |
| 6 | Tourist Office       | At Airport  |
| 7 | Remarks              | Nil   |

**RJGG AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

|   |   |  |
|---|---|--|
| 1 | AD category for fire fighting               | CAT 9  |
| 2 | Rescue equipment                            | Chemical fire fighting truck × 4<br>Water-supply truck<br>Lighting power supply truck<br>Emergency medical equipments conveyance truck<br>Destructive wrecking truck |
| 3 | Capability for removal of disabled aircraft | Nil  |
| 4 | Remarks                                     | Nil  |

**RJGG AD 2.7 SEASONAL AVAILABILITY-CLEARING**

|   |                             |  |
|---|-----------------------------|--|
| 1 | Types of clearing equipment | Snow remove equipments: 3 snow ploughs and 2 snow sweepers   |
| 2 | Clearance priorities        | Nil  |
| 3 | Remarks                     | Seasonal availability: All seasons<br>Snow removal will be commenced, if the RWY and TWY are covered with a depth of 3cm snow or more. |

**RJGG AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

|                             |                                     |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
|-----------------------------|-------------------------------------|---|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|--|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| 1                           | Apron surface and strength          | <p>Apron:<br/> From aircraft stand NR 1 to 9, from NR 101 to 119, from NR 201 to 206<br/> Surface: cement-concrete, Strength: PCN 87/R/B/X/T<br/> From aircraft stand NR 10 to 25, from NR 71 to 75, from NR 301 to 306, from NR 401 to 408, from NR 501 to 508, 601E, 601W<br/> Surface: cement-concrete, Strength: PCN 101/R/B/X/T<br/> From aircraft stand NR 76 to 80<br/> Surface: cement-concrete, Strength: PCN 74/R/B/X/T<br/> Aircraft stand taxilane D, D6, D7<br/> Surface: cement-concrete, Strength: PCN 87/R/B/X/T<br/> Aircraft stand taxilane D5, E, E2-E6<br/> Surface: cement-concrete, Strength: PCN 101/R/B/X/T<br/> Aircraft stand taxilane J, K3<br/> Surface: cement-concrete, Strength: PCN 74/R/B/X/T<br/> Aircraft stand taxilane P<br/> Surface: asphalt-concrete, Strength: PCN 95/F/A/X/T</p> <p>Small Aircraft Apron:<br/> From aircraft stand NR N1 to N3, N5, N6<br/> Surface: cement-concrete, Strength: PCN 24/R/B/X/T<br/> Aircraft stand NR N4<br/> Surface: asphalt-concrete, Strength: PCN 53/F/A/X/T<br/> Aircraft stand taxilane N<br/> Surface: asphalt-concrete, Strength: PCN 67/F/A/X/T</p>   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 2                           | Taxiway width, surface and strength | <p>TWY A(FM 140m N of A2 to 140m S of A9), B(FM B1 to B3, FM C7 to C10), C(behind aircraft stand NR 118):<br/> Width: 30m, Surface:asphalt-concrete, Strength: PCN 107/F/A/X/T<br/> TWY A(FM A1 to 140m N of A2, FM 140m S of A9 to A10), TWY B(FM E3 to D7), C(FM aircraft stand NR 101 to 117, behind NR 119):<br/> Width: 30m, Surface:cement-concrete, Strength: PCN 87/R/B/X/T<br/> TWY A1, A10;<br/> Width: 32m, Surface:cement-concrete, Strength: PCN 87/R/B/X/T<br/> TWY A2, A3S, A8N, A9, B2-B9, C7-C9:<br/> Width: 34m, Surface:asphalt-concrete, Strength: PCN 107/F/A/X/T<br/> TWY A3, A4, A5, A6, A7, A8:<br/> Width: 30m, Surface:asphalt-concrete, Strength: PCN 88/F/A/X/T<br/> TWY B1, B10, C10:<br/> Width: 32m, Surface:asphalt-concrete, Strength: PCN 107/F/A/X/T</p>   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 3                           | ACL and elevation                   | Not available   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 4                           | VOR checkpoints                     | Not available   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 5                           | INS checkpoints                     | <p>Aircraft stand NR</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>1 : 345151.18N 1364844.30E</td><td>21 : 345120.10N 1364851.77E</td></tr> <tr><td>2 : 345149.07N 1364844.57E</td><td>22 : 345117.07N 1364852.49E</td></tr> <tr><td>3 : 345147.16N 1364845.03E</td><td>23 : 345114.69N 1364853.07E</td></tr> <tr><td>4 : 345144.61N 1364845.64E</td><td>24 : 345112.50N 1364853.38E</td></tr> <tr><td>5 : 345142.70N 1364846.10E</td><td>25 : 345110.39N 1364854.01E</td></tr> <tr><td>6 : 345140.79N 1364846.56E</td><td></td></tr> <tr><td>7 : 345138.76N 1364847.28E</td><td>71 : 345107.56N 1364854.75E</td></tr> <tr><td>8 : 345135.20N 1364847.81E</td><td>72 : 345105.52N 1364854.02E</td></tr> <tr><td>9 : 345133.13N 1364844.34E</td><td>72A: 345104.85N 1364855.17E</td></tr> <tr><td>10 : 345132.63N 1364841.27E</td><td>73 : 345104.31N 1364854.80E</td></tr> <tr><td>11 : 345132.16N 1364838.37E</td><td>74 : 345102.84N 1364854.65E</td></tr> <tr><td>12 : 345131.78N 1364836.14E</td><td>74A: 345102.49N 1364855.74E</td></tr> <tr><td>14 : 345127.95N 1364837.03E</td><td>75 : 345101.58N 1364855.43E</td></tr> <tr><td>15 : 345128.38N 1364839.28E</td><td>76 : 345100.28N 1364855.67E</td></tr> <tr><td>16 : 345128.85N 1364842.17E</td><td>77 : 345101.27N 1364901.28E</td></tr> <tr><td>17 : 345129.37N 1364845.36E</td><td>78 : 345102.36N 1364859.76E</td></tr> <tr><td>18 : 345128.45N 1364849.39E</td><td>79 : 345103.94N 1364900.64E</td></tr> <tr><td>19 : 345124.87N 1364850.62E</td><td>80 : 345105.03N 1364859.10E</td></tr> <tr><td>20 : 345122.49N 1364851.19E</td><td></td></tr> </tbody> </table> | 1 : 345151.18N 1364844.30E | 21 : 345120.10N 1364851.77E | 2 : 345149.07N 1364844.57E | 22 : 345117.07N 1364852.49E | 3 : 345147.16N 1364845.03E | 23 : 345114.69N 1364853.07E | 4 : 345144.61N 1364845.64E | 24 : 345112.50N 1364853.38E | 5 : 345142.70N 1364846.10E | 25 : 345110.39N 1364854.01E | 6 : 345140.79N 1364846.56E |  | 7 : 345138.76N 1364847.28E | 71 : 345107.56N 1364854.75E | 8 : 345135.20N 1364847.81E | 72 : 345105.52N 1364854.02E | 9 : 345133.13N 1364844.34E | 72A: 345104.85N 1364855.17E | 10 : 345132.63N 1364841.27E | 73 : 345104.31N 1364854.80E | 11 : 345132.16N 1364838.37E | 74 : 345102.84N 1364854.65E | 12 : 345131.78N 1364836.14E | 74A: 345102.49N 1364855.74E | 14 : 345127.95N 1364837.03E | 75 : 345101.58N 1364855.43E | 15 : 345128.38N 1364839.28E | 76 : 345100.28N 1364855.67E | 16 : 345128.85N 1364842.17E | 77 : 345101.27N 1364901.28E | 17 : 345129.37N 1364845.36E | 78 : 345102.36N 1364859.76E | 18 : 345128.45N 1364849.39E | 79 : 345103.94N 1364900.64E | 19 : 345124.87N 1364850.62E | 80 : 345105.03N 1364859.10E | 20 : 345122.49N 1364851.19E |  |
| 1 : 345151.18N 1364844.30E  | 21 : 345120.10N 1364851.77E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 2 : 345149.07N 1364844.57E  | 22 : 345117.07N 1364852.49E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 3 : 345147.16N 1364845.03E  | 23 : 345114.69N 1364853.07E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 4 : 345144.61N 1364845.64E  | 24 : 345112.50N 1364853.38E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 5 : 345142.70N 1364846.10E  | 25 : 345110.39N 1364854.01E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 6 : 345140.79N 1364846.56E  |                                     |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 7 : 345138.76N 1364847.28E  | 71 : 345107.56N 1364854.75E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 8 : 345135.20N 1364847.81E  | 72 : 345105.52N 1364854.02E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 9 : 345133.13N 1364844.34E  | 72A: 345104.85N 1364855.17E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 10 : 345132.63N 1364841.27E | 73 : 345104.31N 1364854.80E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 11 : 345132.16N 1364838.37E | 74 : 345102.84N 1364854.65E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 12 : 345131.78N 1364836.14E | 74A: 345102.49N 1364855.74E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 14 : 345127.95N 1364837.03E | 75 : 345101.58N 1364855.43E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 15 : 345128.38N 1364839.28E | 76 : 345100.28N 1364855.67E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 16 : 345128.85N 1364842.17E | 77 : 345101.27N 1364901.28E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 17 : 345129.37N 1364845.36E | 78 : 345102.36N 1364859.76E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 18 : 345128.45N 1364849.39E | 79 : 345103.94N 1364900.64E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 19 : 345124.87N 1364850.62E | 80 : 345105.03N 1364859.10E         |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |
| 20 : 345122.49N 1364851.19E |                                     |   |                            |                             |                            |                             |                            |                             |                            |                             |                            |                             |                            |  |                            |                             |                            |                             |                            |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |  |

|   |                 |  |   |
|---|-----------------|--|---|
| 5 | INS checkpoints | 101 : 345151.66N 1364835.12E<br>102 : 345154.05N 1364834.55E<br>103 : 345155.96N 1364834.09E<br>104 : 345157.87N 1364833.63E<br>105 : 345159.78N 1364833.17E<br>106 : 345201.69N 1364832.71E<br>107 : 345203.60N 1364832.25E<br>108 : 345205.51N 1364831.79E<br>109 : 345207.66N 1364831.31E<br>110 : 345210.05N 1364830.73E<br>111 : 345212.44N 1364830.16E<br>112 : 345214.58N 1364829.61E<br>113 : 345216.49N 1364829.15E<br>114 : 345218.40N 1364828.69E<br>115 : 345220.56N 1364828.21E<br>116 : 345222.70N 1364827.66E<br>117 : 345225.10N 1364827.58E<br>118 : 345227.88N 1364826.91E<br>119 : 345230.67N 1364826.24E<br><br>201 : 345145.13N 1364837.76E<br>202 : 345144.68N 1364835.06E<br>203 : 345144.24N 1364832.35E<br>204 : 345142.68N 1364838.35E<br>205 : 345142.24N 1364835.65E<br>206 : 345141.80N 1364832.94E<br><br>301 : 345118.62N 1364844.03E<br>302 : 345118.22N 1364841.42E<br>303 : 345117.77N 1364838.82E<br>304 : 345116.18N 1364844.62E<br>305 : 345115.73N 1364842.02E<br>306 : 345115.33N 1364839.40E | 401 : 345109.07N 1364846.32E<br>402 : 345108.67N 1364843.71E<br>403 : 345108.22N 1364841.11E<br>405 : 345105.93N 1364847.35E<br>406 : 345105.87N 1364845.36E<br>407 : 345105.55N 1364843.43E<br>408 : 345104.98N 1364841.56E<br>400D : 345106.63N 1364846.91E<br>400E : 345106.18N 1364844.31E<br>400F : 345105.78N 1364841.70E<br><br>501 : 345100.29N 1364848.71E<br>502 : 345059.72N 1364846.84E<br>503 : 345059.41N 1364844.90E<br>504 : 345059.34N 1364842.91E<br>505 : 345057.34N 1364849.41E<br>506 : 345057.27N 1364847.42E<br>507 : 345056.96N 1364845.49E<br>508 : 345056.39N 1364843.62E<br>500A : 345059.51N 1364848.59E<br>500B : 345059.11N 1364845.98E<br>500C : 345058.66N 1364843.38E<br>500D : 345058.02N 1364848.95E<br>500E : 345057.57N 1364846.35E<br>500F : 345057.17N 1364843.74E<br>601W : 345050.97N 1364845.23E<br>601E : 345051.22N 1364846.75E<br><br>N1 : 345233.14N 1364821.96E<br>N2 : 345234.73N 1364821.57E<br>N3 : 345236.32N 1364821.19E<br>N4 : 345232.86N 1364824.78E<br>N5 : 345233.69N 1364824.58E<br>N6 : 345234.52N 1364824.38E |
| 6 | Remarks         | Nil  |   |

**RJGG AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |  |  |
|---|--|--|
| 1 | Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands | <p>Aircraft stand ID signs: NR 1 - 12, 14 - 25, 71 - 80, 72A, 74A<br/>           Aircraft stand taxi lane: D, D5, D6, D7, E, E2, E3, E4, E5, E6, J, K3, N and P<br/>           (See RJGG AD2.24 CHART)</p> <p>Visual docking guidance system: Aircraft stand NR 1 - 12, 14 - 24 (See attachment)</p>   |
| 2 | RWY and TWY markings and LGT   | <p>RWY: RWY18/36<br/>           (Marking) RWY designation, RWY CL, RWY THR, RWY middle point, Aiming point, TDZ, RWY side stripe<br/>           (LGT) RCLL, REDL, RTHL, RENL, RTZL, WBAR</p> <p>TWY: All TWY<br/>           (Marking) TWY CL, TWY side stripe<br/>           (LGT) TWY edge LGT, TWY CL LGT, Taxiing guidance sign</p> <p>TWY: TWY A1 - A10<br/>           (Marking) RWY HLDG PSN, Mandatory instruction marking (A1-A3S, A8N-A10)<br/>           (LGT) Stop bar LGT, RWY guard LGT</p> <p>TWY: TWY A6, TWY B BTN B4 and B6N,<br/>           TWY C BTN C9 and C10, behind aircraft stand NR 119<br/>           (Marking) SFC painted LCA sign and SFC painted direction sign</p> |
| 3 | Stop bars  | <p>Stop bar LGT : TWY A1 - A10<br/>           Stop bar LGT operations are as follows;</p> <ol style="list-style-type: none"> <li>1) Stop bar LGT installed at each taxi-holding position with RWY 18/36.</li> <li>2) Stop bar LGT will be operated when the visibility or the lowest RVR of RWY 18/36 is at or less than 600m.</li> <li>3) Stop bar LGT on TWY A1,A2 and A9,A10 are controlled individually by ATC.</li> <li>4) Stop bar LGT on TWY A3S through A8N are not controlled individually by ATC.</li> <li>5) During the period stop bar LGT are operated, TWY A3S through A8N are not available for the departing aircraft.</li> </ol>  |
| 4 | Remarks  | <p>(Marking) Overrun area, ACFT PRKG PSN, APN TWY CL<br/>           (LGT) Apron flood LGT</p>  |

## Visual Docking Guidance System (VDGS)

### I.SAFEDOCK

#### 1.General

- (1) Aircraft stands NR1 - 12, 14 - 24 are equipped with a SAFEDOCK visual docking guidance system.  
The pilots of an arriving aircraft assigned to park at one of these parking stands can use this system to be guided and stop the aircraft at the correct parking position.
- (2) This system is operational only in the automatic mode and in an event of a system failure, the aircraft shall be manually guided by a marshaller to the stopping position.
- (3) The SAFEDOCK visual docking system consists of a display screen for pilots and a laser scanner.  
The system detects and analyses the aircraft type of an approaching aircraft, tracks it through the laser scanner, and displays these results on the display screen.
- (4) The display screen indicates the following information:
  - a) type of the approaching aircraft
  - b) deviation from the lead-in center line
  - c) distance to the stopping position.

The above information is provided equally to the pilots on both left seat and right seat.

#### 2.Aircraft Type Indication

- (1) A message about the aircraft type from SAFIS (Stand Allocation & Flight Information System) shall be confirmed and put into the system by ground operator.  
The system then carries out internal calibration and starts laser scanning simultaneously.  
The system shows the aircraft type on the display screen and then will begin to indicate yellow lead-in arrows scrolling upwards prompting the aircraft to proceed. (Fig.1)

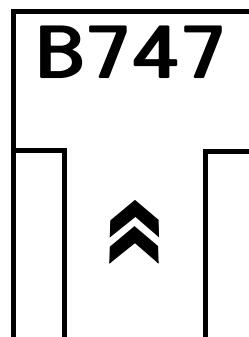


Fig.1

- (2) When the laser scanner detects the approaching aircraft, the display screen will indicate the aircraft type, a "T" bar, and a lead-in upward arrow in yellow. (Fig.2)

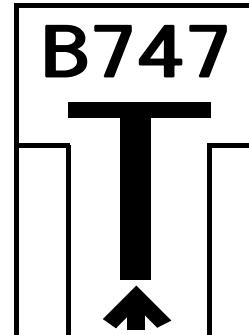


Fig.2

- (3) At least until the approaching aircraft arrives at a point 12 meters before the stopping position, the system will identify the aircraft type and will compare with the previously input aircraft type, if these data match, the system will continue its operation. If they do not match, the display screen will repeatedly indicate "STOP", "ID" and "FAIL" in sequence and will indicate 2 illuminated red squares simultaneously. (Fig.3, Fig4, Fig5)

NOTE: At this moment, the pilots must stop the aircraft immediately. When the operator re-input the correct aircraft type into the system and the system finds it correct, it resumes normal operations indicating the correct aircraft type on its display screen.

→ Fig.3 → Fig.4 → Fig.5

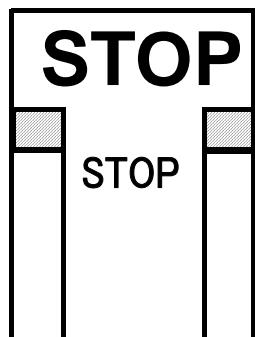


Fig.3

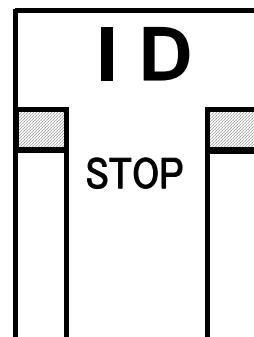


Fig.4

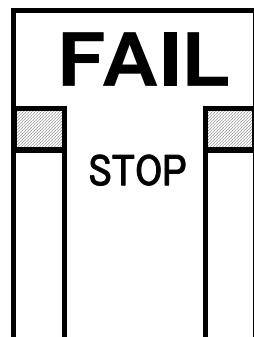


Fig.5

### 3.Taxiing and Lateral Center line Guidance

- (1) While taxiing the aircraft using the system, the pilots should maneuver the aircraft at a low speed to the stopping position. In an event when "SLOW" is indicated on the display screen, the pilots should further reduce the taxiing speed until "SLOW" disappears. This "SLOW" is indicated between 24 and 6 meter point from the stopping position. The speed which "SLOW" is indicated is 5kt or more within the 24 meter point, 2.5kt or more within the 6 meter point form the stopping position. (Fig.6)

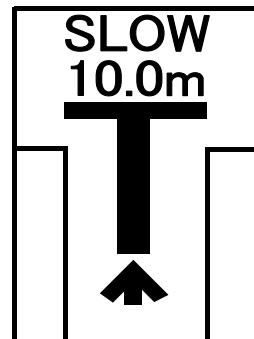


Fig.6

- (2) Deviation of an upward yellow arrow from the center line of "T" indicates the deviation of the approaching aircraft relative to the center line of the parking stand either to right or left. Further, an additional flashing red arrow on either side indicates the required direction for the aircraft to turn. This flashing red arrow is not indicated between 2 and 0 meter point from the stopping position, even if the aircraft shifts from the center line.

(Fig.7, Fig.8)

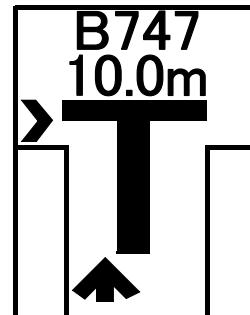


Fig.7

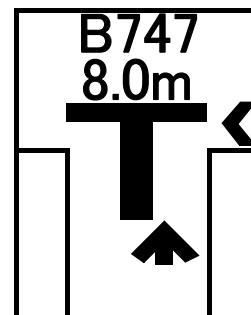


Fig.8

### 4.Stop Guidance

- (1) When the approaching aircraft is within 30 meters from the stopping position, display of digital countdown will start. As the aircraft approaches the stopping position, digital countdown is shown by 1 meter unit between 30 and 2 meters, or by 0.2 meters unit between 2 and 0 meters.

- (2) When the approaching aircraft is within 16 meters from the stopping position, the shaft of the illuminated "T" will start to reduce in its length from the bottom to indicate the approaching rate of the aircraft, indicating the remaining distance to the stopping position successively.(Fig.9, Fig.10)  
As the aircraft approaches the stopping position, the shaft of the illuminated "T" retract one row for every 0.5 meters.

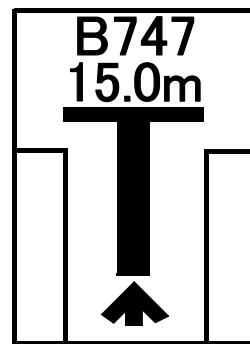


Fig.9

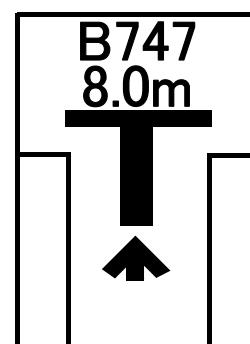


Fig.10

- (3) When the aircraft reaches the stopping position, a message "STOP" will be displayed on the screen together with two red squares, one each at the either side of the screen at the positions previously used for indication of a direction to turn. (Fig.11)

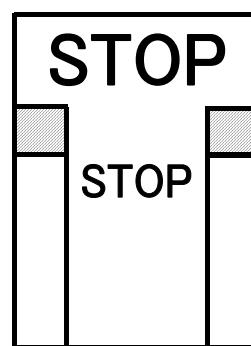


Fig.11

- (4) When the aircraft is stopped at the correct stopping position, a message "OK" will be displayed on the screen in several seconds. (Fig.12)

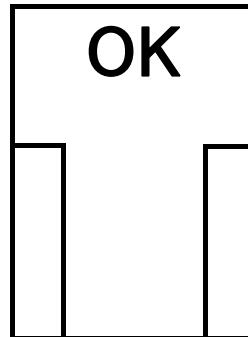


Fig.12

- (5) When the operator applies chocks, and switches on "CHOCK ON" switch, the display screen will display "CHOCK ON". (Fig.13)

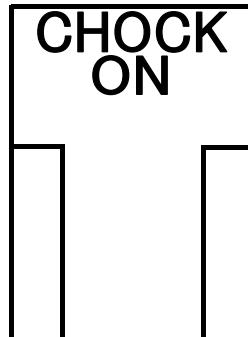


Fig.13

- (6) If the aircraft stops at a position beyond the correct stopping position, a message "TOO FAR" will be displayed on the screen. (Fig 14)

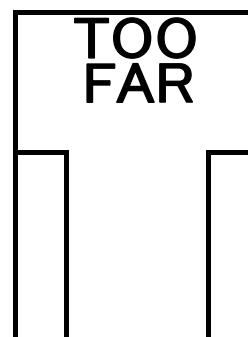


Fig.14

## 5. Cautions and Safety

- (1) When the system displays an incorrect aircraft type, or when such a message as "STOP", "ID", "FAIL", or "WAIT" appears on the display screen, the pilots should stop the aircraft immediately. (Fig.3, Fig.4, Fig.5, Fig.11, Fig.15)



Fig.15

(2) Bad weather condition, during heavy fog, rain or snow, the visibility for the docking system can be reduced. When the system is activated and in capture mode, the display screen will deactivate the floating arrows and indicate "Aircraft type" and "SLOW". (Fig.16)

This message will be superseded by the "T" bar, as soon as the system detects the approaching aircraft.

The pilot must not proceed beyond the bridge, unless the "SLOW" text has been superseded by the "T" bar.

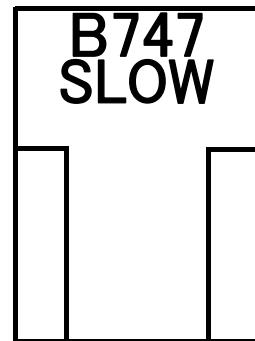


Fig.16

(3) System breakdown, in case of a severe system failure, the display screen will go black, except for 2 red squares indicator. A manual backup procedure must be used for docking guidance.

(Fig.17)

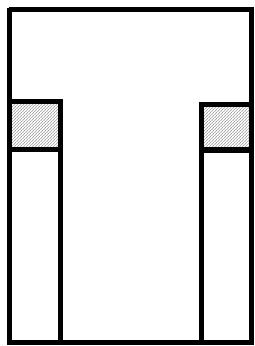


Fig.17

#### 6. Remarks

(1) In CHUBU CENTRAIR, stopping positions are different depending on the aircraft size, aircraft type or each stand. Stopping positions of small aircraft are further than large aircraft from the end of center line. The length is Maximum 25 meters away from the end of center line. (Minimum 5 meters)

And the length is Maximum 68 meters away from the VDGS. (Minimum 39 meters). (Fig.18)

So, small aircraft must reduce the speed sufficiently beforehand. Pilot should keep this in mind, before going into the stand.

As a reference, painted markings of the model name are provided at the stopping positions of some small aircrafts.

\*Small aircraft : B737, B757, A320, A310, MD81/87/90 etc.

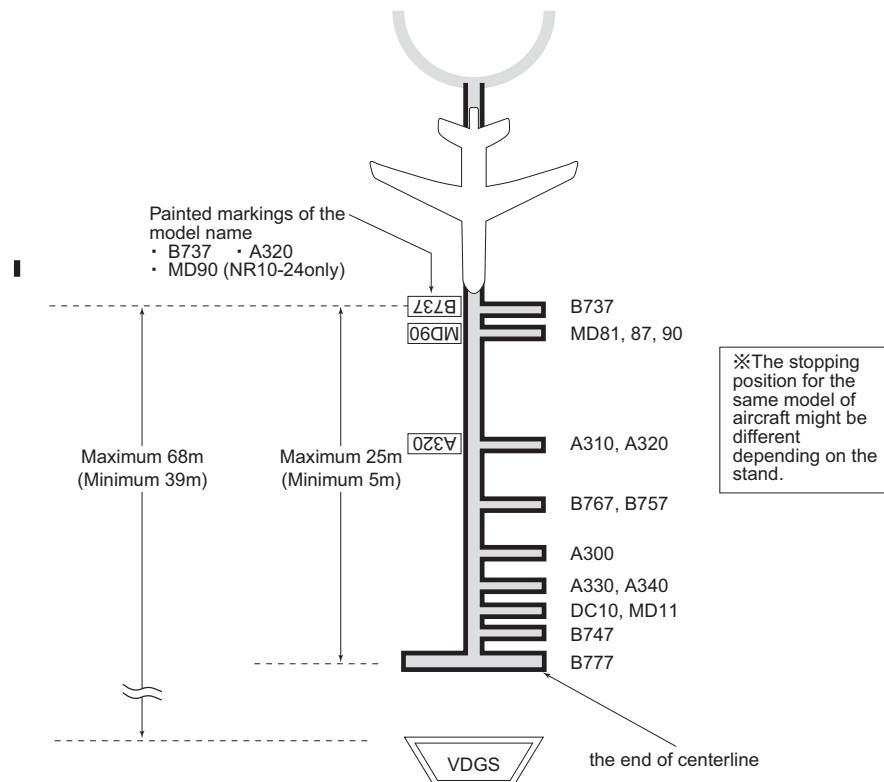
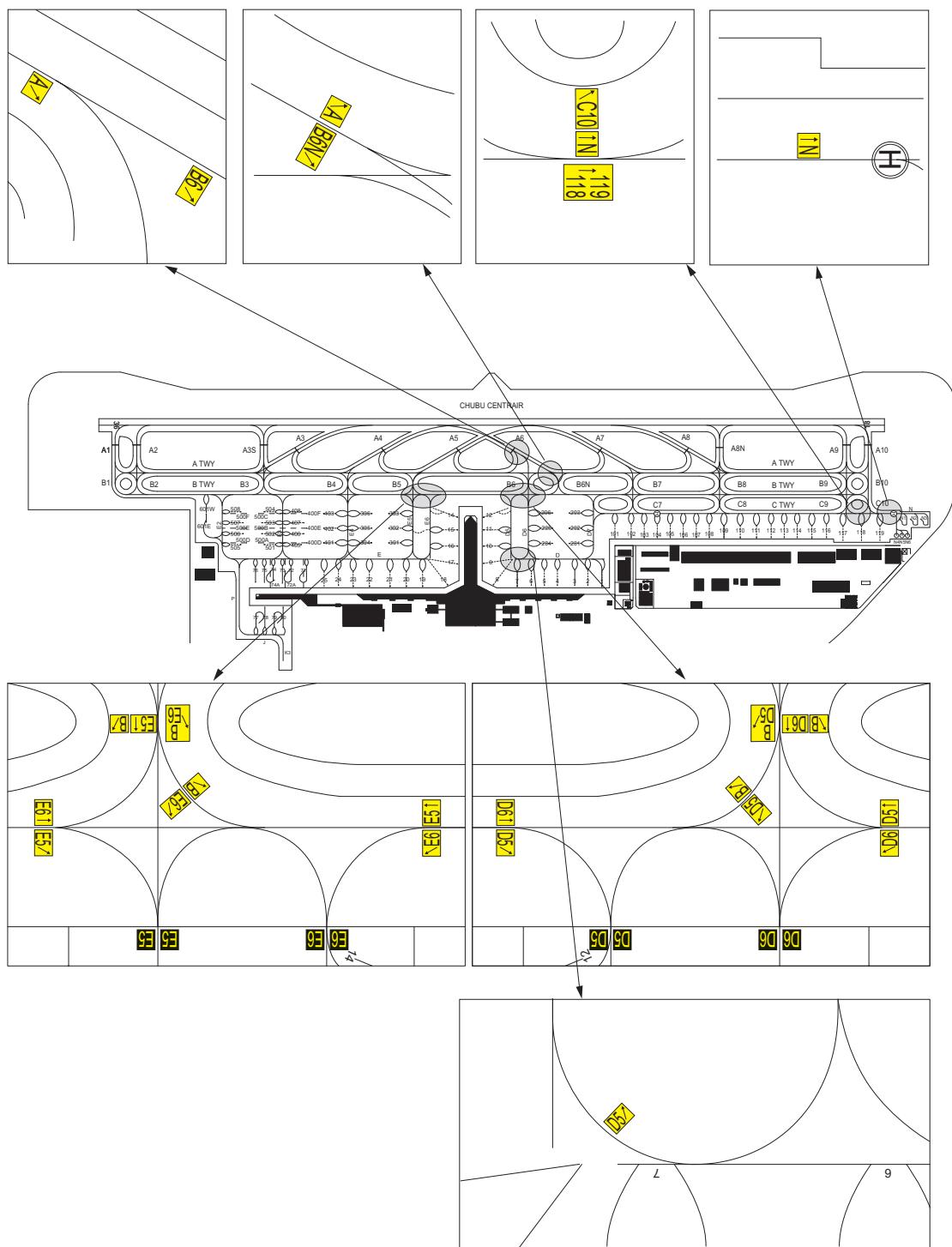


Fig. 18

## **Type of Surface Painted Markings**

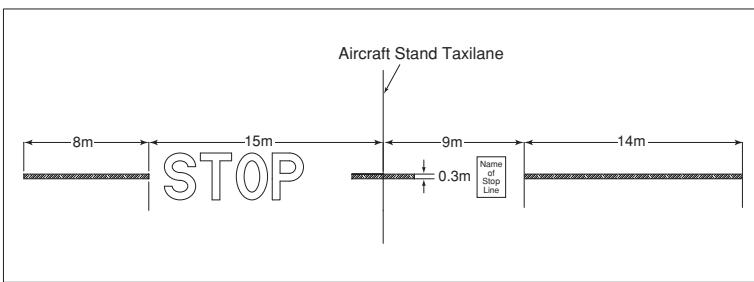
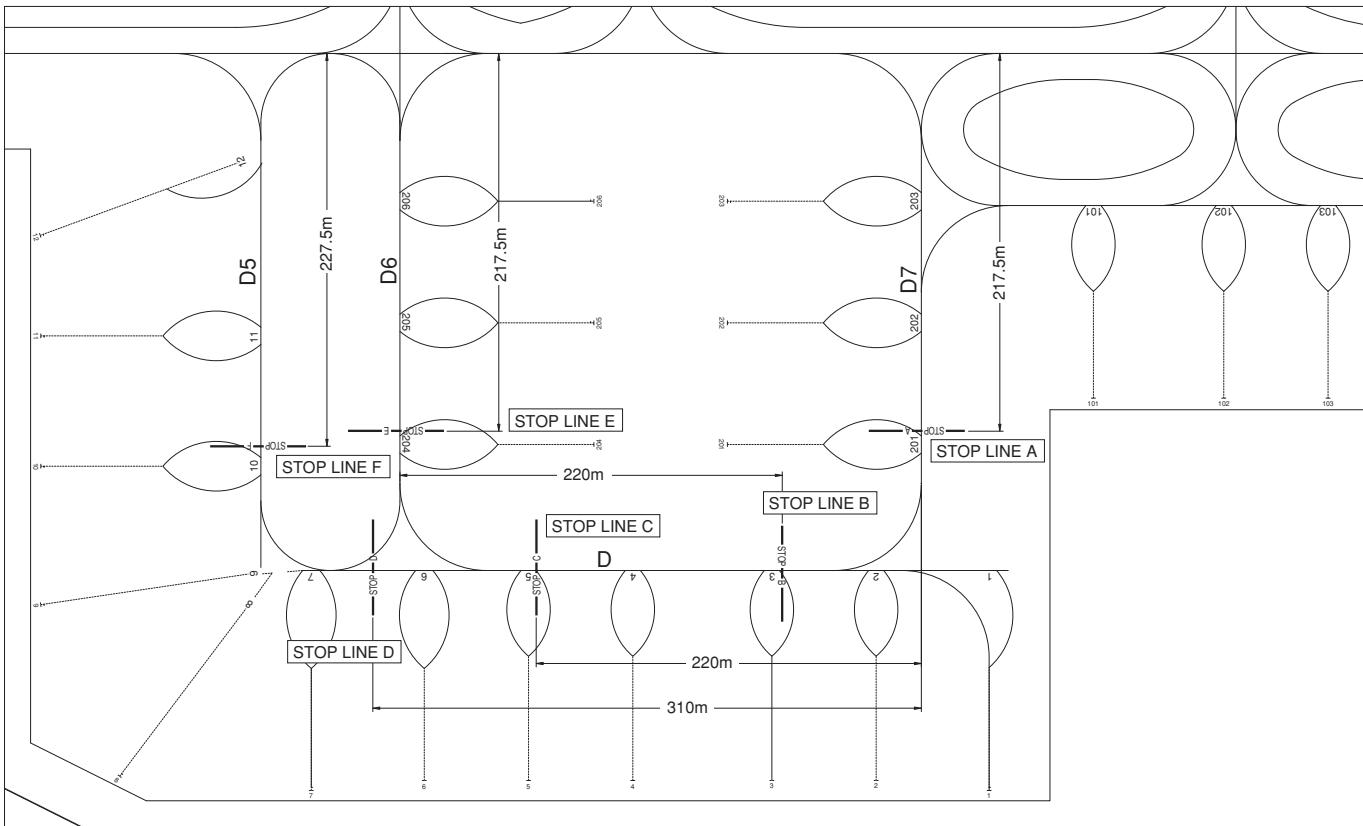
1. Type of Surface Painted Markings
    - Surface Painted Direction Sign  
This type of marking at a taxiway intersection indicates the designation and direction of taxiway leading out of intersection. Black inscriptions with an arrow with a yellow background.
    - Surface Painted Location Sign  
This type of marking indicates the designation of the taxiway on which the aircraft is located. Yellow inscriptions with a black background and yellow frame.
  2. On each of the Taxiway A6, B, B5, B6, C, D5, D6, E5 and E6, surface painted markings are provided(refer attached drawing).



MARKING AIDS

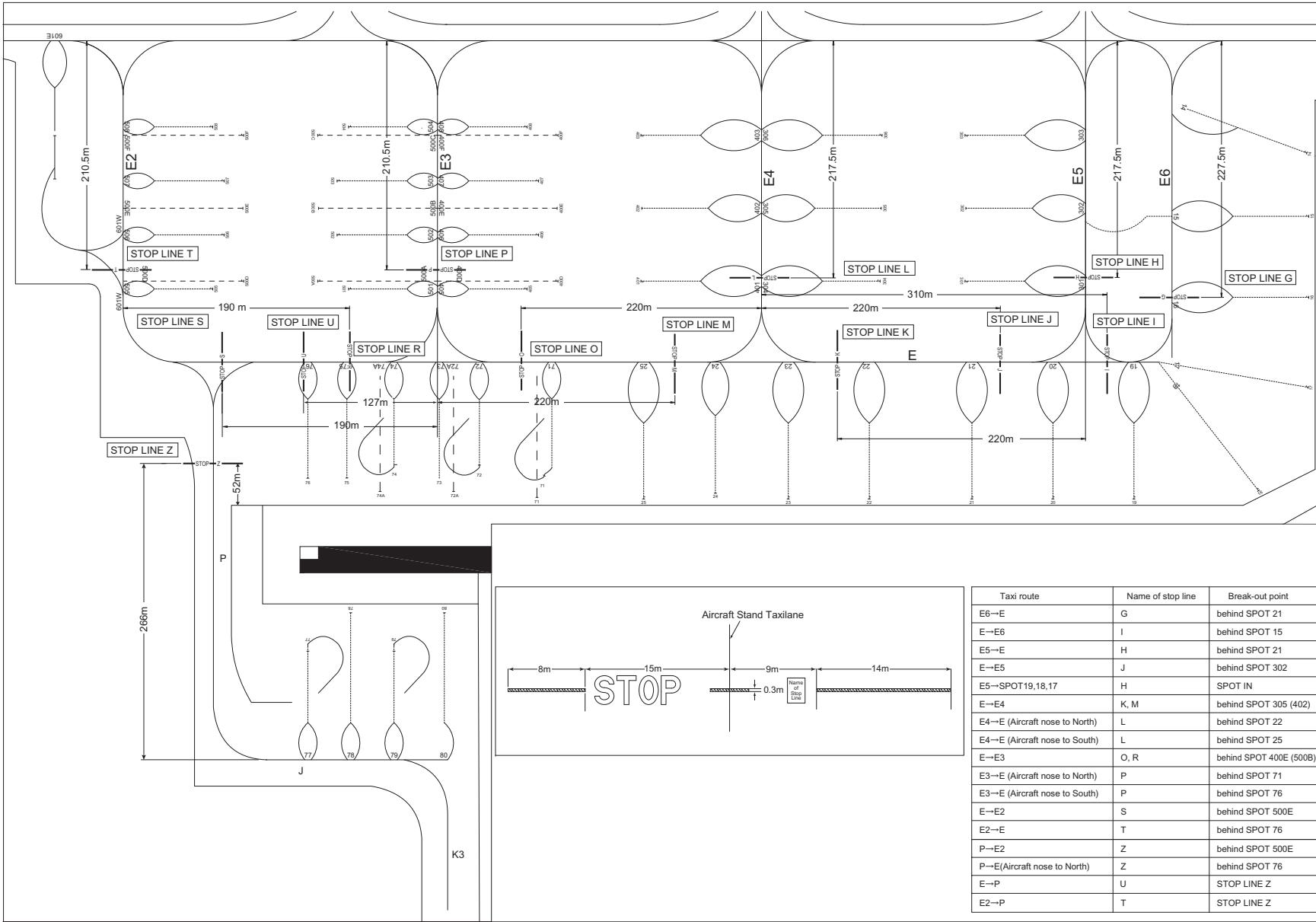


## STOP LINE MARKINGS (NORTH APRON)



| Taxi route    | Name of stop line | Break-out point |
|---------------|-------------------|-----------------|
| D7→D          | A                 | behind SPOT 3   |
| D→D7          | B                 | behind SPOT 202 |
| D→D6          | C                 | behind SPOT 205 |
| D6→D          | E                 | behind SPOT 5   |
| D6→SPOT 7,8,9 | E                 | SPOT IN         |
| D→D5          | D                 | behind SPOT 11  |
| D5→D          | F                 | behind SPOT 5   |

STOP LINE MARKINGS (SOUTH APRON)



**RJGG AD 2.10 AERODROME OBSTACLES**

■ In Area 2 See Obstacle data

■ In Area 3 To be developed

**RJGG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |  |  |
|----|--|--|
| 1  | Associated MET Office  | CHUBU  |
| 2  | Hours of service<br>MET Office outside hours                           | H24  |
| 3  | Office responsible for TAF preparation<br>Periods of validity          | CHUBU<br>30 Hours  |
| 4  | Trend forecast<br>Interval of issuance                                 | TREND<br>30min.  |
| 5  | Briefing/ consultation provided  | P, Ja, En  |
| 6  | Flight documentation<br>Language(s) used                               | C<br>En  |
| 7  | Charts and other information available for<br>briefing or consultation | S <sub>6</sub> , U <sub>85</sub> , U <sub>7</sub> , U <sub>5</sub> , U <sub>3</sub> , U <sub>25</sub> , U <sub>2/T<sub>r</sub></sub> , P <sub>S</sub> , P <sub>5</sub> , P <sub>3</sub> , P <sub>25</sub> , P <sub>SWE</sub> , P <sub>SWF</sub> , P <sub>SWG</sub> , P <sub>SWI</sub> ,<br>P <sub>SWM</sub> , P <sub>SW</sub> (domestic), E, C, W <sub>E</sub> , W <sub>F</sub> , W <sub>G</sub> , W <sub>I</sub> , W, N |
| 8  | Supplementary equipment<br>available for providing information         | Doppler Radar for Airport Weather<br>(See below figure)  |
| 9  | ATS units provided with information                                    | TWR, APP, ATIS   |
| 10 | Additional information(limitation of ser-<br>vice, etc.)               | Nil  |

Airspace for the advisory service concerning low level wind shear



Airspace for the advisory service  
concerning low level wind shear



### RJGG AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations<br>RWY NR | TRUE<br>BRG             | Dimensions of<br>RWY(M)          | Strength(PCN) and<br>surface of RWY   | THR coordinates<br>THR geoid undulation | THR elevation and<br>highest elevation of TDZ<br>of precision APP RWY  |
|------------------------|-------------------------|----------------------------------|---------------------------------------|---|--|
| 1                      | 2                       | 3                                | 4                                     | 5                                       | 6  |
| 18                     | 169.00°                 | 3500 × 60                        | PCN137/F/A/X/T<br>Asphalt Concrete(*) | 345226.01N<br>1364806.03E<br>138ft      | THR ELEV:15ft<br>TDZ ELEV:15ft   |
| 36                     | 349.00°                 | 3500 × 60                        | PCN137/F/A/X/T<br>Asphalt Concrete(*) | 345034.59N<br>1364832.81E<br>138ft      | THR ELEV:15ft<br>TDZ ELEV:15ft   |
| Slope of RWY           | Strip<br>Dimensions (M) | RESA (Overrun)<br>Dimensions (M) |                                       |   | Remarks  |
| 7                      | 10                      | 11                               |                                       |   | 14   |
| See Below Chart        | 3620 × 300              | 240 × 300                        |                                       |   | (*)First 100m of RWY18/36<br>Surface: cement-concrete,<br>Strength: PCN 116/R/B/X/T<br>RWY grooving :3500m × 40m |
| See Below Chart        | 3620 × 300              | 240 × 300                        |                                       |   | (*)First 100m of RWY18/36<br>Surface: cement-concrete,<br>Strength: PCN 116/R/B/X/T<br>RWY grooving :3500m × 40m |
| <b>RWY 18</b>          |                         |                                  | <b>RWY 36</b>                         |   |  |
|                        |                         |                                  |                                       |   |  |

### RJGG AD 2.13 DECLARED DISTANCES

| RWY Designator | TORA<br>(m) | TODA<br>(m) | ASDA<br>(m) | LDA<br>(m) | Remarks |
|----------------|-------------|-------------|-------------|------------|---------|
| 1              | 2           | 3           | 4           | 5          | 6       |
| 18             | 3500        | 3500        | 3500        | 3500       | Nil     |
| TWY:A9         | 3325        | 3325        | 3325        |            |         |
| TWY:A8N        | 2740        | 2740        | 2740        |            |         |
| TWY:A8         | 2300        | 2300        | 2300        |            |         |
| TWY:A7         | 1900        | 1900        | 1900        |            |         |
| TWY:A6         | 1500        | 1500        | 1500        |            |         |
| 36             | 3500        | 3500        | 3500        | 3500       | Nil     |
| TWY:A2         | 3325        | 3325        | 3325        |            |         |
| TWY:A3S        | 2740        | 2740        | 2740        |            |         |
| TWY:A3         | 2300        | 2300        | 2300        |            |         |
| TWY:A4         | 1900        | 1900        | 1900        |            |         |
| TWY:A5         | 1555        | 1555        | 1555        |            |         |

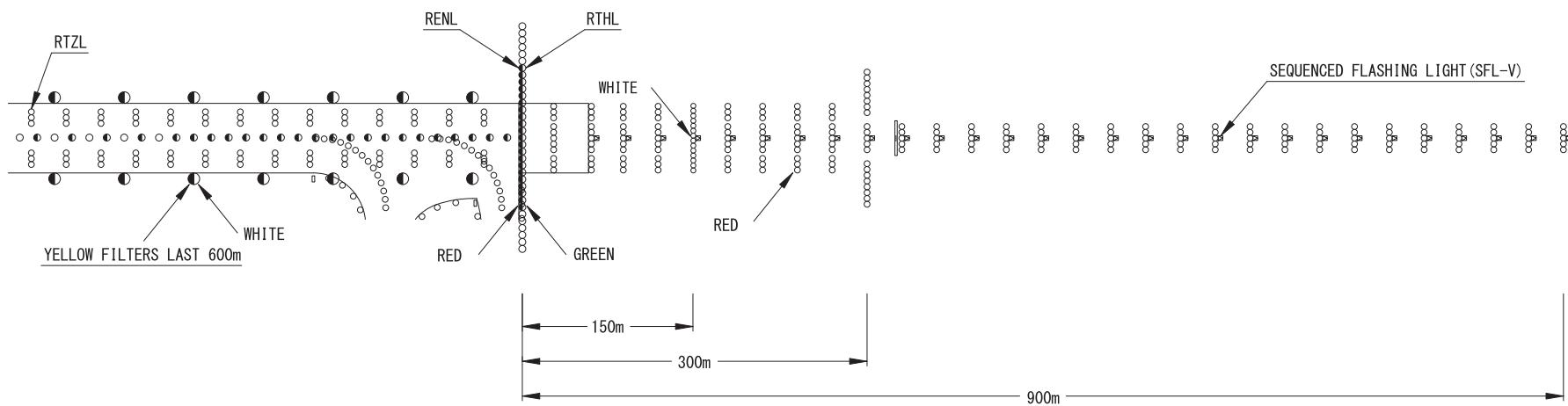
TORA,TODA and ASDA for TWY indicate distances BTN the point where TWY CL meets RWY CL and RWY THR.

## RJGG AD 2.14 APPROACH AND RUNWAY LIGHTING

| RWY Designator   | APCH<br>LGT type<br>LEN<br>INTST   | RTHL<br>Color<br>WBAR | PAPI<br>(VASIS)<br>Angle<br>DIST FM<br>THR<br>MEHT | RTZL<br>LEN | RCLL<br>LEN<br>Spacing<br>Color<br>INTST           | REDL<br>LEN<br>Spacing<br>Color<br>INTST              | RENL<br>Color<br>WBAR | STWL<br>LEN<br>Color |
|--|------------------------------------|-----------------------|--|-------------|--|---|-----------------------|----------------------|
| 1  | 2                                  | 3                     | 4  | 5           | 6  | 7   | 8                     | 9                    |
| 18   | PALS<br>(CAT II)<br>900m<br>LIH    | Green<br>Green        | PAPI<br>3.0°/LEFT<br>416m<br>66ft                  | 900m        | 3,500m<br>15m<br>Coded color<br>(White/Red)<br>LIH | 3,500m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*1)          |
| 36   | PALS<br>(CAT<br>III)<br>900m<br>HI | Green<br>Green        | PAPI<br>3.0°/LEFT<br>416m<br>66ft                  | 900m        | 3,500m<br>15m<br>Coded color<br>(White/Red)<br>LIH | 3,500m<br>60m<br>Coded color<br>(White/Yellow)<br>LIH | Red                   | Nil<br>(*1)          |
| Remarks  |                                    |                       |  |             |  |   |                       |                      |
| 10   |                                    |                       |  |             |  |   |                       |                      |
| Overrun area edge LGT(LEN:60m Color:Red) (*1)<br>See RJGG AD CHART (LIGHTING AIDS) |                                    |                       |  |             |  |   |                       |                      |

LIGHTING AIDS



RUNWAY 18RUNWAY 36

**RJGG AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |  |   |
|---|--|---|
| 1 | ABN/IBN location, characteristics and hours of operation | ABN: 345054N/1364915E, White/Green EV4.3sec, HO   |
| 2 | LDI location and LGT<br>Anemometer location and LGT      | LDI : Nil<br>Anemometer :<br>RWY18: 385m from RWY18 THR,LGTD<br>RWY36: 387m from RWY36 THR,LGTD   |
| 3 | TWY edge and center line lighting                        | TEDL: Blue<br>TWY CL LGT: ALTN Green/Yellow FM RWY leaving Report point, other Green  |
| 4 | Secondary power supply/ switch-over time                 | Within 1 sec: PALS, PAPI, REDL, RENL, RTHL, WBAR, RCLL, RTZL,<br>Overrun area edge LGT, Stop bar LGT and RWY guard LGT<br>Within 15 sec: Other lights |
| 5 | Remarks  | WDI LGT   |

**RJGG AD 2.16 HELICOPTER LANDING AREA**

|     |
|-----|
| Nil |
|-----|

**RJGG AD 2.17 ATS AIRSPACE**

| Designation and lateral limits |   | Vertical limits (ft) | Airspace classification | ATS unit call sign Language | Remarks |
|--------------------------------|---|----------------------|-------------------------|-----------------------------|---------|
| 1                              |   | 2                    | 3                       | 4                           | 6       |
| CHUBU CTR                      | Area within a radius of 5NM of CHUBU CENTRAIR INTERNATIONAL ARP(3452N/13648E) | -----<br>3000        | D                       | CENTRAIR<br>TWR<br>En       |         |

| Designation and lateral limits |  | Vertical limits (ft)  | Airspace classification | ATS unit call sign Language                          | Remarks   |
|--------------------------------|--|-----------------------|-------------------------|--|---|
| 1                              |  | 2                     | 3                       | 4  | 6   |
| CHUBU PCA                      | 1. The airspace bounded by the lines connecting the following points.<br><br>a) (1) 350926N/1364634E, (24) 350801N/1363929E, (23) 350507N/1364034E, (2) 350628N/1364716E thence to point(1).<br>The line connecting point(24) to point(1) is the minor arc with a radius of 18NM from Chubu VOR/DME(CBE), and point(2) and (23) is the minor arc with a radius of 15NM from Chubu VOR/DME(CBE).<br><br>b) (11) 343718N/1365410E, (12) 343420N/1365452E, (13) 343329N/1364801E, (14) 343629N/1364739E thence to point(11).<br>The line connecting point(12) to point(13) is the minor arc with a radius of 18NM from Chubu VOR/DME(CBE), and point(14) and (11) is the minor arc with a radius of 15NM from Chubu VOR/DME(CBE). | 7000<br>-----<br>3000 | C                       | CENTRAIR APP<br>CENTRAIR RADAR<br>CENTRAIR DEP<br>En | See<br>RJGG<br>Chubu<br>Positive<br>Control<br>Area |
|                                | 2. The airspace bounded by the lines connecting the following points.<br><br>a) (2) 350628N/1364716E, (3) 350436N/1364742E, (22) 350333N/1364109E, (23) 350507N/1364034E thence to point(2).<br>The line connecting point(23) to point(2) is the minor arc with a radius of 15NM from Chubu VOR/DME(CBE).<br><br>b) (10) 343911N/1365343E, (11) 343718N/1365410E, (14) 343629N/1364739E, (15) 343811N/1364726E thence to point(10).<br>The line connecting point(11) to point(14) is the minor arc with a radius of 15NM from Chubu VOR/DME (CBE).   | 7000<br>-----<br>2500 |                         |  |   |
|                                | 3. The airspace bounded by the line connecting the following points.<br><br>a) (3) 350436N/1364742E, (4) 350238N/1364810E, (21) 350138N/1364152E, (22) 350333N/1364109E thence to point(3).<br><br>b) (9) 344109N/1365315E, (10) 343911N/1365343E, (15) 343811N/1364726E, (16) 344011N/1364710E thence to point(9).  | 7000<br>-----<br>1800 |                         |  |   |

| Designation and lateral limits |  | Vertical limits (ft)  | Airspace classification | ATS unit call sign Language                          | Remarks   |
|--------------------------------|--|-----------------------|-------------------------|--|---|
| 1                              |  | 2                     | 3                       | 4  | 6   |
| (cont'd)<br>CHUBU<br>PCA       | 4. The airspace bounded by the lines connecting the following points.<br><br>a) (4) 350238N/1364810E, (5) 345942N/1364852E, (20) 345845N/1364256E, (21) 350138N/1364152E thence to point(4).<br><br>b) (8) 344406N/1365234E, (9) 344109N/1365315E, (16) 344011N/1364710E, (17) 344310N/1364648E thence to point(8).  | 5500<br>-----<br>1300 | C                       | CENTRAIR APP<br>CENTRAIR RADAR<br>CENTRAIR DEP<br>En | See<br>RJGG<br>Chubu<br>Positive<br>Control<br>Area |
|                                | 5. The airspace bounded by the line connecting the following points.<br><br>a) (5) 345942N/1364852E, (6) 345624N/1364939E, (19) 345514N/1364415E, (20) 345845N/1364256E thence to point(5). The line connecting point(6) to point(19) is the minor arc with a radius of 5NM from Chubu VOR/DME (CBE).<br><br>b) (7) 344724N/1365147E, (8) 344406N/1365234E, (17) 344310N/1364648E, (18) 344647N/1364620E thence to point(7). The line connecting point(18) to point(7) is the minor arc with a radius of 5NM from Chubu VOR/DME (CBE). | 4000<br>-----<br>800  |                         |  |   |

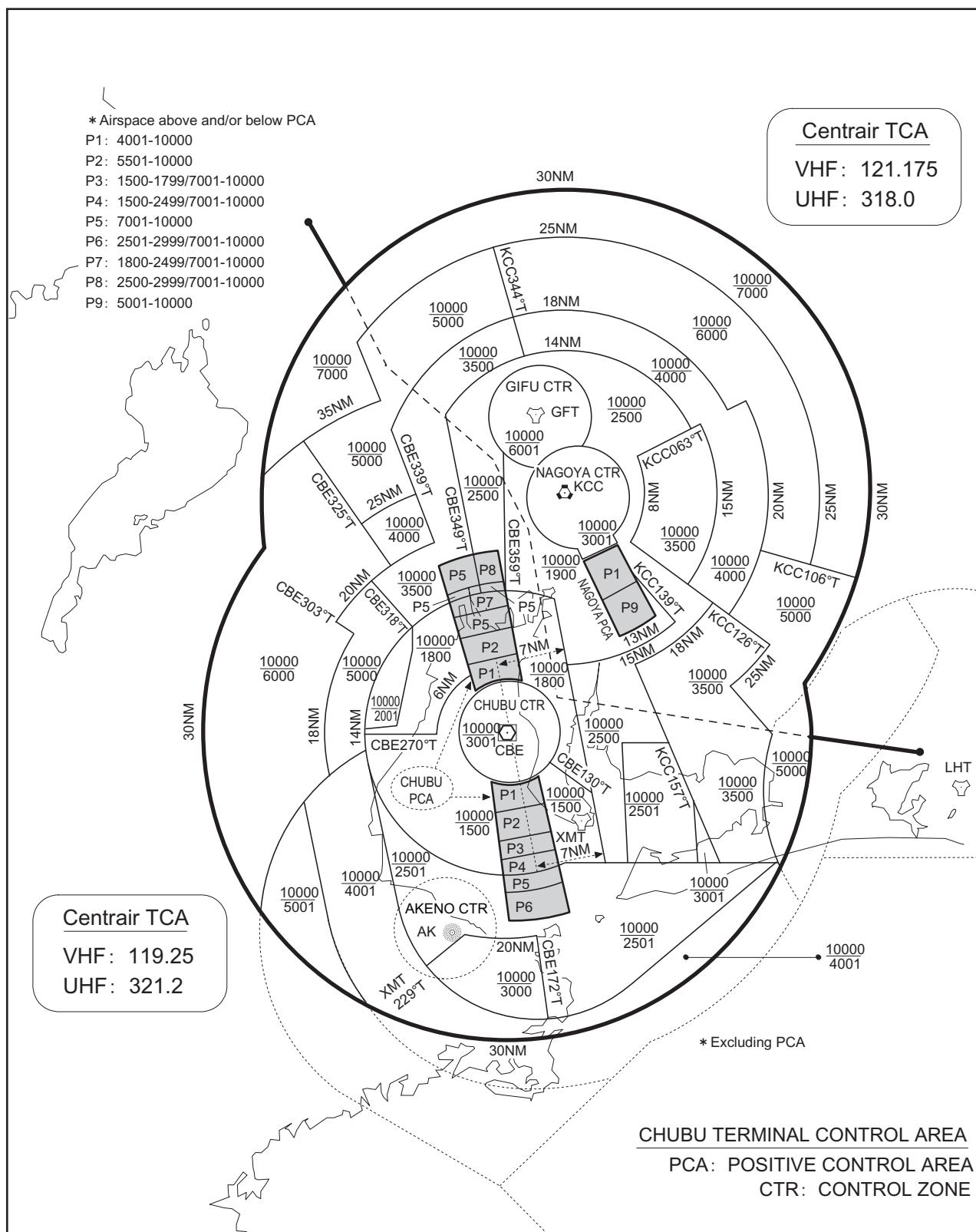
| Designation and lateral limits |   | Vertical limits (ft) | Airspace classification | ATS unit call sign Language                          | Remarks   |
|--------------------------------|---|----------------------|-------------------------|--|---|
| 1                              |   | 2                    | 3                       | 4  | 6   |
| CHUBU ACA                      | 1. The airspace bounded by the lines connecting the following points.<br><br>(1) 352955N/1360856E, (2) 345022N/1373230E, (3) 344821N/1365837E, (4) 350711N/1355015E thence to point(1).<br>Excluding Hamamatsu ACA.<br>The line connecting point(1) to point(2) is the major arc with a radius of 40NM from Nagoya VORTAC(KCC), and point(4) and (1) is the minor arc with a radius of 50NM from Chubu VOR/DME(CBE).  | -----<br>FL150       | E                       | CENTRAIR APP<br>CENTRAIR RADAR<br>CENTRAIR DEP<br>En | See<br>RJGG<br>Chubu<br>Approach<br>Control<br>Area |
|                                | 2. The airspace bounded by the lines connecting the following points.<br><br>(2) 345022N/1373230E, (5) 344632N/1372802E, (6) 342333N/1370930E, (7) 340150N/1364059E, (8) 341457N/1360647E, (9) 343100N/1361905E, (10) 345633N/1354735E, (4) 350711N/1355015E, (3) 344821N/1365837E thence to point(2).<br>Excluding Hamamatsu ACA and Akeno ACA.<br>The line connecting point(2) to point(5) is the minor arc with a radius of 40NM from Nagoya VORTAC(KCC), and point(5) and (6) is the minor arc with a radius of 33NM from Chubu VOR/DME(CBE), and point(7) and (8) is the minor arc with a radius of 50NM from Chubu VOR/DME (CBE), and point(8) and (9) is the minor arc with a radius of 48NM from point(11), and point(10) and (4) is the minor arc with a radius of 50NM from Chubu VOR/DME(CBE). | -----<br>12000       |                         |  |   |
| CHUBU TCA                      | See attached chart  |                      |                         |  |   |

中部特別管制区  
Chubu Positive Control Area



中部進入管制区  
Chubu Approach Control Area

中部ターミナルコントロールエリア  
Chubu Terminal Control Area



**RJGG AD 2.18 ATS COMMUNICATION FACILITIES**

| Service designation | Call sign                   | Frequency   | Hours of operation | Remarks     |
|---------------------|-----------------------------|---|--------------------|-------------|
| 1                   | 2                           | 3   | 4                  | 5           |
| APP                 | Centrair Approach           | 121.05MHz (1)<br>228.4MHz (1)<br>119.175MHz<br>245.3MHz<br>121.5MHz (E)<br>243.0MHz (E) | H24                | (1) Primary |
| RADAR               | Centrair Radar              | 125.55MHz<br>121.225MHz<br>227.2MHz<br>121.5MHz (E)<br>243.0MHz (E)                     | H24                |             |
| DEP                 | Centrair Departure          | 120.0MHz<br>225.2MHz<br>121.5MHz (E)<br>243.0MHz (E)                                    | H24                |             |
| TCA                 | Centrair TCA                | 119.25MHz<br>321.2MHz<br>121.175MHz<br>318.0MHz   | 2330<br>-<br>1100  |             |
| TWR                 | Centrair Tower              | 118.85MHz<br>289.9MHz<br>126.2MHz<br>121.5MHz (E)<br>243.0MHz (E)                       | H24                |             |
| GND                 | Centrair Ground             | 121.8MHz<br>126.2MHz  | H24                |             |
| DLVRY               | Centrair Delivery           | 121.85MHz<br>126.2MHz   | H24                |             |
| ATIS                | Chubu Centrair INTL Airport | 127.075MHz  | H24                |             |

**RJGG AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aid<br>(VOR<br>declination) | ID  | Frequency            | Hours of<br>operation | Position of<br>transmitting<br>antenna<br>coordinates | Elevation of<br>DME<br>transmitting<br>antenna | Remarks   |
|-------------------------------------|-----|----------------------|-----------------------|---|--|---|
| 1                                   | 2   | 3                    | 4                     | 5   | 6  | 7   |
| VOR<br>(8°W / 2019)                 | CBE | 117.8MHz             | H24                   | 345128.82N<br>1364811.41E                             |  | VOR unusable:<br>260°-270° beyond 35nm BLW<br>5000ft.   |
| DME                                 | CBE | 1212MHz<br>(CH-125X) | H24                   | 345128.82N<br>1364811.41E                             | 40ft   | DME unusable:<br>240°-250° beyond 35nm BLW<br>7000ft.<br>280°-290° beyond 20nm BLW<br>5000ft. |
| ILS-LOC 18<br>(CAT-II)              | ICY | 109.7MHz             | H24                   | 345024.34N<br>1364835.27E                             |  | BRG(MAG)177°<br>322m away FM RWY36 THR  |
| ILS-GP 18                           | -   | 333.2MHz             | H24                   | 345215.26N<br>1364803.51E                             |  | GP angle 3.0°<br>HGT of ILS Ref datum 54ft.<br>311.5m inside FM RWY18 THR<br>127m W of RCL    |
| ILS-DME18                           | ICY | 995MHz<br>(CH-34X)   | H24                   | 345215.19N<br>1364803.19E                             | 24ft   | 311.5m inside FM RWY18 THR<br>135.9m W of RCL   |
| ILS-LOC 36<br>(CAT-III)             | ICX | 111.9MHz             | H24                   | 345236.25N<br>1364803.57E                             |  | BRG(MAG)357°<br>322m away FM RWY18 THR  |
| ILS-GP 36                           | -   | 331.1MHz             | H24                   | 345043.73N<br>1364825.51E                             |  | GP angle 3.0°<br>HGT of ILS Ref datum 53ft.<br>311.5m inside FM RWY36 THR<br>127m W of RCL    |
| ILS-DME 36                          | ICX | 1017MHz<br>(CH-56X)  | H24                   | 345043.69N<br>1364825.19E                             | 26ft   | 311.5m inside FM RWY36 THR<br>135.3m W of RCL   |
| MSAS                                |     | 1575.42MHz           | H24                   |   |  | Transmitting antennas are<br>satellite based  |

ILS FOR RWY 18

- REMARKS:
1. LOC beam BRG(MAG) 177°
  2. HGT of ILS REF datum 54ft
  3. GP Angle 3.0°
  4. ELEV of ILS-DME 24ft

ILS FOR RWY 36

- REMARKS:
1. LOC beam BRG(MAG) 357°
  2. HGT of ILS REF datum 53ft
  3. GP Angle 3.0°
  4. ELEV of ILS-DME 26ft

## RJGG AD 2.20 LOCAL TRAFFIC REGULATIONS

### 1. Airport regulations

#### 1.1 定期便または緊急事態以外の航空機の取扱い

当空港の使用について、航空機の運航者は、空港管理者の許可を得ること。

#### 1.2 管制方式

##### 1.2.1 出発機は次に掲げる方式に従うこと。

###### 1) 管制承認

出発機はエンジン始動 5 分前の通報に合わせて、次に掲げる項目を“セントレアデリバリー”に通報すること

- a) 航空機呼出符号
- b) 目的地
- c) 要求高度（もしあれば、代替要求高度）
- d) 駐機位置（スポット番号）
- e) 代替飛行経路（もしあれば）

2) “セントレアデリバリー”から管制承認を受領した後は、“セントレアグランド”の周波数を聴取し、プッシュバックまたは、TAXI の準備が完了した場合は、“セントレアグランド”へ通報すること。

3) パイロットはプッシュバック及び／またはエンジン始動時期が遅れることが予想される場合は、“セントレアグランド／デリバリー”に対しその旨通報すること。

ただし、他の航空機の地上交通による遅延または出発制御時刻等が付加されたために生じる遅延を除く。

###### 4) インターセクション・ディバーチャー

a) AD1.1.6.3.2.2(2) 項に記載されている出発機間の管制間隔は、誘導路 A2 または A9 から出発する航空機には適用されない。AD1.1.6.3.2.2(2) における管制間隔を必要とする航空機は、その旨を“セントレアグランド／タワー”に適宜通報すること。

b) 出発機は、パイロットの同意がなくても誘導路 A2/A9 からのインターフェクションディバーチャーを指示されることがある。誘導路 A2/A9 から出発することができない航空機は、その旨適宜“セントレアグランド／タワー”に対し通報すること。

1.2.2 バードストライクを防止するため、風速が概ね 7 ノット以下の場合、鳥の活動場所を考慮して滑走路が選定されることがある。

#### 1.1 Aircraft operations other than scheduled flights or in an emergency.

On use of this airport, aircraft operator is required to obtain the permission of airport administration.

#### 1.2 ATC Procedures

##### 1.2.1 Departing aircraft shall comply with the following procedures.

###### 1) ATC clearance

Advise "CENTRAIR DELIVERY" 5 minutes prior to starting engines with the following items

- a) call sign
- b) destination
- c) proposed flight level/ altitude  
(alternative flight level/altitude, if any)
- d) parking position (spot number)
- e) alternative flight routes, if any

2) After receiving clearance from "CENTRAIR DELIVERY", monitor "CENTRAIR GROUND". Call "CENTRAIR GROUND" when ready for push back/for Taxiing.

3) Pilots shall advise "CENTRAIR GROUND/ DELIVERY" if any delay in push-back and/or engine start-up is anticipated except when delay has been caused by other ground traffic or departure time restriction such as release time.

###### 4) Intersection departure

a) Separation for departure as in AD1.1.6.3.2.2(2) will not be applied to aircraft departing from TWY A2 or A9. Aircraft requiring separation in AD1.1.6.3.2.2(2) shall advise "CENTRAIR GROUND / TOWER" accordingly.

b) Departing aircraft may be instructed intersection departure from TWY A2/A9 without pilot's consent. Aircraft unable to depart from TWY A2/A9 shall advise "CENTRAIR GROUND/TOWER" accordingly.

1.2.2 To prevent bird-strikes, runway may be selected considering the location of bird activity when wind is about 7 knots or less.

**1.3 補助動力装置の使用制限**

航空機が固定動力設備付きのスポットを使用する場合は、空港管理者が特に必要と認める場合を除き、次に掲げる時間を越えて補助動力装置を使用してはならない。

- (1) 出発予定時刻前の 30 分間
- (2) 到着後、固定動力設備が使用可能となるまでに必要とする最小限度の時間。
- (3) 航空機が点検整備のため補助動力装置を必要とする場合は、それに要する最小限度の時間

**備考 :**

スポット 2-12, 14-25, 71-80, 72A, 74A, 107, 109, 110, 111, 113, 115, 116, 118 及び 119 は、固定動力設備が設置されている。  
スポット 2-12 及び 14-24 は、固定電源及び空調設備が設置されている。  
スポット 25, 71-80, 72A, 74A, 107, 109, 110, 111, 113, 115, 116, 118 及び 119 は、固定電源設備が設置されている。

**1.5 A380-800 及び AN-124 に係る運用について****(1) 誘導路及びエプロン**

A380-800 の地上移動については AD2.20 6.2<Fig1> に示される範囲内、AN-124 の地上移動については AD2.20 6.2 <Fig2> に示される範囲内に限ること。

- (a) A380-800 によるスポット誘導経路 E (スポット 20 から 21)、E2、E5 及び誘導路 B5 の使用は、空港管理者の事前承認があった場合に限ること。
- (b) A380-800 がスポット誘導経路 E5 を使用しているときは、スポット誘導経路 E6 の使用機材は翼幅 65m 以下の航空機に限ること。
- (c) A380-800 がスポット 15 に駐機する際は、スポット誘導経路 E5 を経由し、破線で示された航空機導入線を活用すること。
- (d) AN-124 によるスポット誘導経路 E2、E3 又は E4 の使用は、空港管理者の事前承認があった場合に限ること。

**(2) スポット**

A380-800 が駐機可能なスポットはスポット 15、20、117、118、119 及び 601E である。ただし、スポット 15、20 及び 601E の使用については、空港管理者の事前承認があつた場合に限ること。

**1.4 PDA(parts departing aircraft) reporting to Airport Administration**

In order to secure the safety of aircraft operations and to rectify the issue of falling objects from aircraft operating in the vicinity of Chubu Centrair International Airport, aircraft operators are required to notify Airport Administration (Tel 0569-38-1500, Fax 0569-38-1510, E-mail centrair-notice@cjiac.co.jp) of any "Parts Departing Aircraft" from flights operating to/from Chubu Centrair International Airport, without delay. This information shall be shared by relevant parties in order to prevent recurrence of such.

**2. Taxiing to and from stands****2.1 エプロンにおけるジェットblastによる影響の回避**

- (1) エプロンを地上走行する場合、可能な限りエンジン出力を絞ること。
- (2) RJGG AD2.9 に示されているストップラインで待機する場合、操縦席がラインの真上に来るよう航空機を停止させること。

**3. Parking area for small aircraft(General aviation)**

Nil

**4. Parking area for helicopters**

Nil

**5. Apron - taxiing during winter conditions**

Nil

**1.3 Restrictions about the use of auxiliary power units(APU)**

When an aircraft is using an aircraft stand with fixed power facilities, APU shall not be used outside the time periods specified below except when specifically acknowledge by airport administration as necessary.

- 1) Less than 30 minutes prior to the estimated off-block time.
- 2) The minimum time required for switching over to the fixed power facilities, after arrival at the aircraft stand.
- 3) For the minimum time required for aircraft maintenance purposes if needed.

**NOTE:**

Aircraft stands NR 2 - 12, 14 - 25, 71 - 80, 72A, 74A, 107, 109, 110, 111, 113, 115, 116, 118 and 119 are aircraft stands with fixed power facilities.

Aircraft stands NR 2 - 12 and 14 - 24 are equipped with electric power unit and pre-conditioned air unit.

Aircraft stands NR 25, 71-80, 72A, 74A, 107, 109, 110, 111, 113, 115, 116, 118 and 119 are equipped with electric power unit.

**1.5 Operation for A380-800 and AN-124****1) Taxiway and Apron**

Ground movement of A380-800 and AN-124 is only permitted within the area shown on the attached chart "AD2.20 6.2 <Fig1>" and "AD2.20 6.2 <Fig2>", respectively.

- a) A380-800 can only use aircraft stand taxilane E (BTN NR20 and 21), E2 and E5, and TWY B5 with prior approval from airport administration.
- b) When A380-800 is on aircraft stand taxilane E5, wing span of the aircraft on aircraft stand taxilane E6 should be 65m or less.
- c) When entering aircraft stand NR15, A380-800 should taxi via aircraft stand taxilane E5, and use the broken lead-in line.
- d) AN-124 can only use aircraft stand taxilane E2, E3 and E4 with prior approval from airport administration.

**2) Aircraft stands**

Aircraft stands for A380-800 are: NR15, 20, 117, 118, 119 and 601E.

However prior approval from airport administration is required when using aircraft stands NR15, 20 and 601E.

**2.1 Avoidance jet blast damage on the apron.**

- 1) When taxiing on the apron, reduce engine power to the extent practicable.
- 2) When holding at the stop line shown on RJGG AD2.9, stop the aircraft so that the cockpit comes directly over the line.

## 6. Taxiing - limitations

### 6.1 誘導路交差地点の翼端クリアランス

(AD1.1.6.8 参照)

誘導路上の停止位置に待機中の航空機と後方の誘導路を走行する航空機の翼端クリアランスは以下のとおりである。

When B744 holding at the stop marking on TWY A2, A3S, A8N or A9.

| Wing Span (WS) of aircraft taxiing on A TWY | WS <= 28m | WS > 28m |
|---|-----------|----------|
| Wing tip clearance                          | *B        | *C       |

### 6.1 Wing tip clearance at the TWY intersection

(REF. AD1.1.6.8)

Wing tip clearance at the TWY intersection between the aircraft holding at the stop marking on the TWY and the other aircraft taxiing behind it are as follows.

#### Legend:

- \*A : wing tip clearance >= 15m
- \*B : 6.5m <= wing tip clearance < 15m
- \*C : wing tip clearance < 6.5m

### 6.2 走行可能な誘導路及び安全対策

### 6.2 Available TWY and safety measures

航空機の翼幅毎の走行可能な誘導路及び安全対策は以下のとおり。

TWY and safety measures for each aircraft wing span(WS) are as follows.

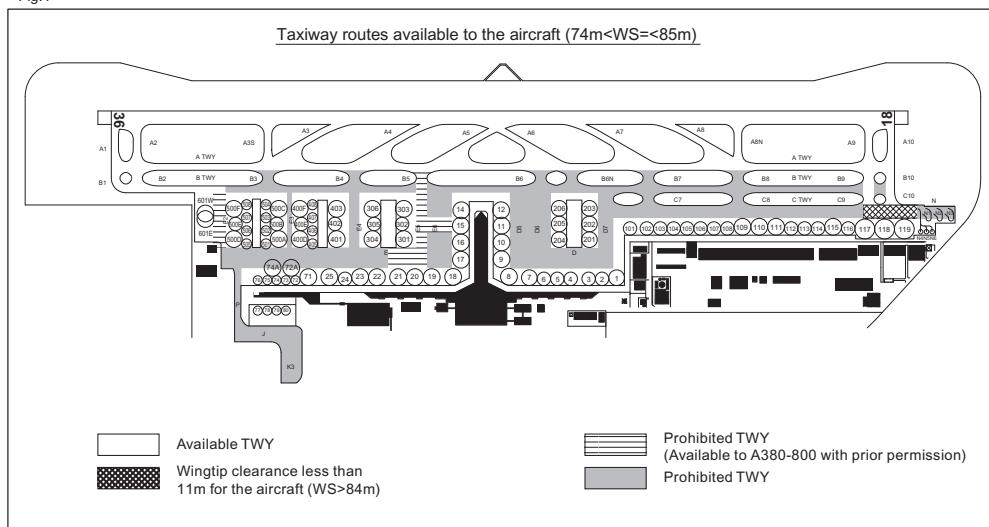
| Wing Span (WS)       | Available TWY  | TWY with Restrictions (*1)                      | Remarks            |
|----------------------|--|---|--------------------|
| 74m < WS <= 85m (*2) | A, A1 THRU A10<br>B(from B1 to E2), B1, B2, B9, B10<br>C(from aircraft stand NR117 to 119), C9, C10                | WS > 84m<br>C(from aircraft stand NR117 to 119) | See attached Fig.1 |
| 70m < WS <= 74m (*3) | A, A1 THRU A10<br>B, B1 THRU B10<br>C(from aircraft stand NR117 to 119), C9, C10                                   | WS > 73m<br>B(between E2 and D7)                | See attached Fig.2 |
| 65m < WS <= 70m      | A, A1 THRU A10<br>B, B1 THRU B10<br>C(from aircraft stand NR117 to 119), C9, C10<br>D, D5 THRU D7<br>E, E2 THRU E6 | -   | See attached Fig.3 |
| WS <= 65m            | All TWY and all aircraft stand taxilanes   | WS > 63m<br>C(from aircraft stand NR101 to 116) | See attached Fig.4 |

\*1: In order to keep clearance between other aircraft or obstacle, the aircraft which has wing span(WS) listed in the table shall reduce taxiing speed and shall strictly follow the taxiway center line on the following TWY.

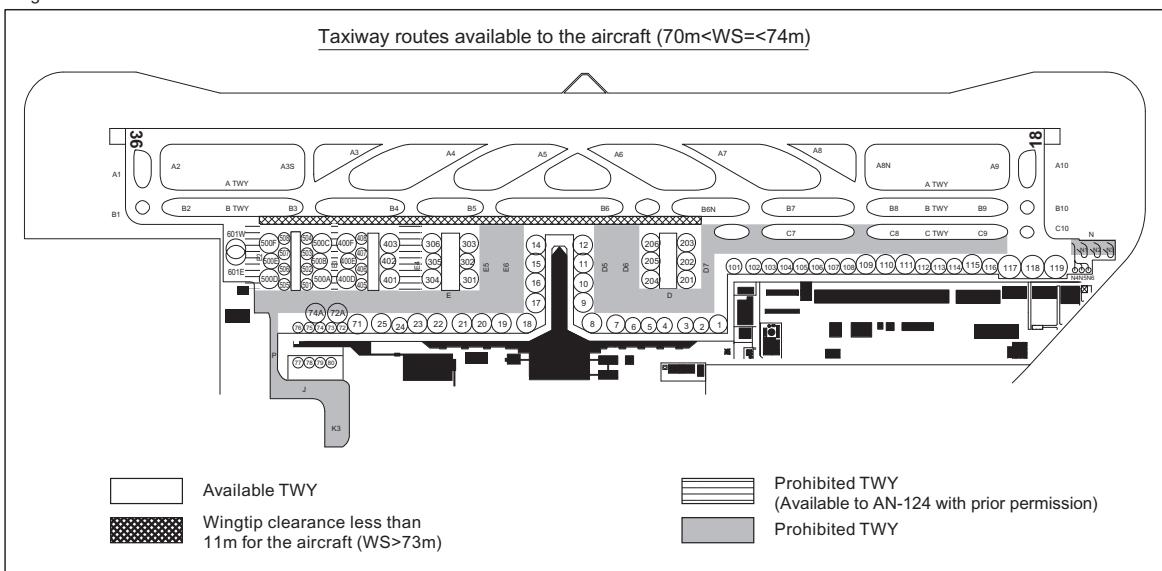
\*2: Taxiing operation of A380-800 is described on AD2.20.1.5 (1) (a), (b) and (c).

\*3: Taxiing operation of AN-124 is described on AD2.20.1.5 (1) (d).

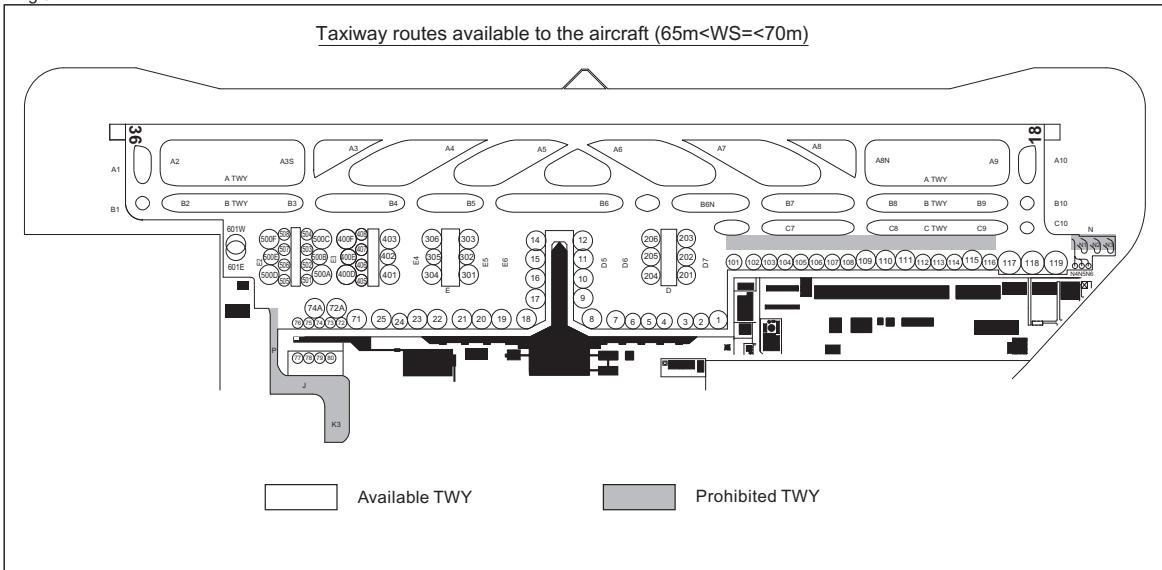
<Fig.1>



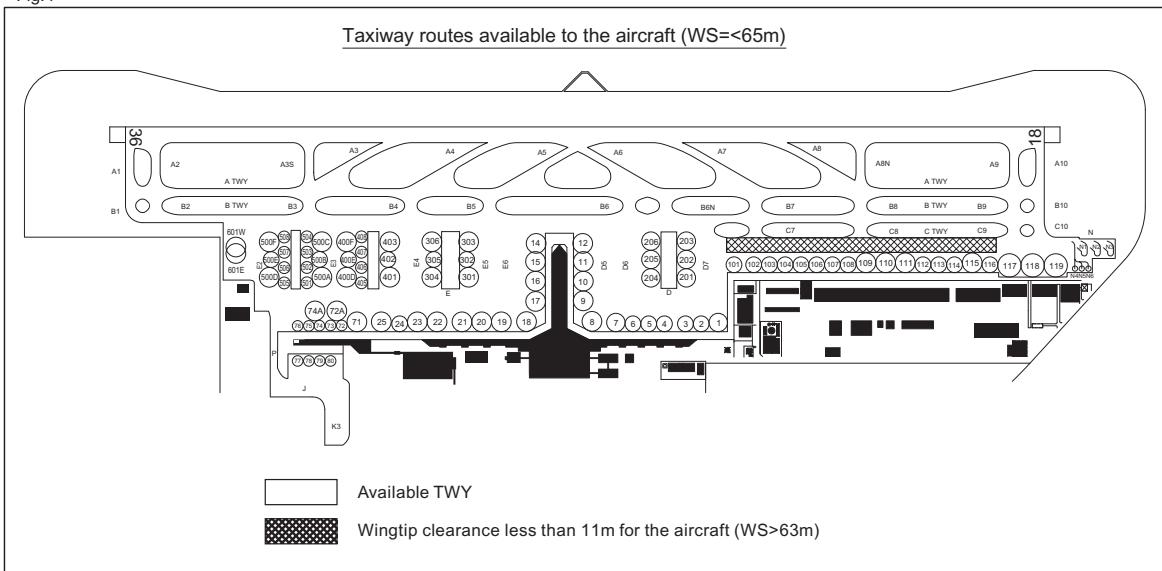
&lt;Fig.2&gt;



&lt;Fig.3&gt;



&lt;Fig.4&gt;



**6.3 スポット誘導経路等の走行に係る制限（プロップを除く）  
(RJGG AD2.9 参照)**

- (1) 航空機の移動開始時におけるジェットblastによる影響を回避するため、航空機は次表の各経路を走行する場合において、操縦席が各ストップラインの真上に来る地点からそれぞれの離脱地点までの間、やむを得ない場合を除き、停止してはならない。

**6.3 Restrictions relating to taxiing on the aircraft stand taxilanes etc. (except prop) (See RJGG AD2.9)**

- (1) In order to avoid damage of break-away jet blast, aircraft, unless necessary, shall not stop between the point where the cockpit is above the stop line and the break-out point on each taxi route in the following chart.

| Taxi route                        | Name of stop line | Break-out point (* 1)   |
|-----------------------------------|-------------------|-------------------------|
| D7 --> D                          | A                 | behind SPOT 3           |
| D --> D7                          | B                 | behind SPOT 202         |
| D --> D6                          | C                 | behind SPOT 205         |
| D6 --> D                          | E                 | behind SPOT 5           |
| D6 --> SPOT7,8,9                  | E                 | SPOT IN                 |
| D --> D5                          | D                 | behind SPOT 11          |
| D5 --> D                          | F                 | behind SPOT 5           |
| E6 --> E                          | G                 | behind SPOT 21          |
| E --> E6                          | I                 | behind SPOT 15          |
| E5 --> E                          | H                 | behind SPOT 21          |
| E --> E5                          | J                 | behind SPOT 302         |
| E5 --> SPOT19,18,17               | H                 | SPOT IN                 |
| E --> E4                          | K,M               | behind SPOT 305 (402)   |
| E4 --> E (Aircraft nose to North) | L                 | behind SPOT 22          |
| E4 --> E (Aircraft nose to South) | L                 | behind SPOT 25          |
| E --> E3                          | O,R               | behind SPOT 400E (500B) |
| E3 --> E (Aircraft nose to North) | P                 | behind SPOT 71          |
| E3 --> E (Aircraft nose to South) | P                 | behind SPOT 76          |
| E --> E2                          | S                 | behind SPOT 500E        |
| E2 --> E                          | T                 | behind SPOT 76          |
| P --> E2                          | Z                 | behind SPOT 500E        |
| P --> E (Aircraft nose to North)  | Z                 | behind SPOT 76          |
| E --> P                           | U                 | STOP LINE Z             |
| E2 --> P                          | T                 | STOP LINE Z             |

\* 1: Details of the break-out point are as follows.

- 1) behind SPOT "x": The point where the cockpit is right next to the lead-in center line of spot "x".
- 2) SPOT IN: The stopping position in each aircraft parking stand.
- 3) STOP LINE "x": The point where the aircraft cross the stop line "x" completely.

(2) 航空機は、各ストップラインから離脱地点までの間の区域内にて停止しなければならないと判断される場合は、各ストップラインにおいて停止するとともに、“セントレアグランド”に通報しなければならない。

(3) 各ストップラインから離脱地点までの間の区域内にて停止してしまった場合は、速やかに“セントレアグランド”に通報し、待機すること

(4) ジェットblastによる影響を回避するため、最大離陸重量が450,000ポンドを超える、かつエンジンを3つ以上備える航空機は次の各経路の180°旋回を伴う走行を禁止する。  
また180°旋回可能な航空機にあっても、可能な限りエンジン出力を絞ること。

- 1) D5及びD6相互間（東側）
- 2) E5及びE6相互間（東側）
- 3) DからSPOT201又はSPOT204
- 4) EからSPOT301又はSPOT500D
- 5) E(北向き走行)からSPOT401又はSPOT500A
- 6) E(南向き走行)からSPOT304又はSPOT400D

(2) If an aircraft anticipates that he will stop between each stop line and break-out point, the aircraft shall hold on the stop line, then notify to "CENTRAIR GROUND".

(3) In case of unavoidable stopping between each stop line and break-out point, the aircraft shall notify to "CENTRAIR GROUND" immediately and keep holding.

(4) In order to avoid the effect of jet blast, aircraft with a maximum take-off weight which exceeds 450,000 lbs with three or more engines are not allowed to make 180 degree turns.  
For aircraft which are allowed to make 180 degree turns, always use minimum possible thrust while making the 180 degree turn.

- 1) between D5 and D6 (East side)
- 2) between E5 and E6 (East side)
- 3) D to SPOT201 or SPOT204
- 4) E to SPOT301 or SPOT500D
- 5) E(taxiing to north) to SPOT401 or SPOT500A
- 6) E(taxiing to south) to SPOT304 or SPOT400D

## 7. School and training flights - technical test flights - use of runways

Nil

## 8. Helicopter traffic - limitation

Nil

## 9. Removal of disabled aircraft from runways

Nil

**RJGG AD 2.21 NOISE ABATEMENT PROCEDURES****1. 騒音軽減運航方式**

(1) すべてのジェット機に対して、空港周辺における航空機騒音軽減のため、運航の安全に支障のない範囲で、以下の方式が適用される。ただし、これらの方によることができない航空機は実効的にこれらと同等と認められる代替方式を実施するものとする。

i) 離陸について  
なし

ii) 着陸（進入）について  
滑走路 36

a) ディレイド・フラップ進入方式  
1,500FT を通過するまで、最終着陸フラップ角にしないこと

滑走路 18

a) 3,000FT 通過後、脚下げを行うこと

b) ディレイド・フラップ進入方式  
3,000FT を通過するまで、最終着陸フラップ角にしないこと

iii) リバース・スラストについて  
なし

(2) 優先滑走路方式  
なし

(3) 優先飛行経路  
なし

**1. Noise Abatement Operating Procedures**

(1) For all jet aircraft,in order to reduce aircraft noise in the vicinity of the airport, the following procedures shall be applied unless compliance of the procedures adversely affects the safety of aircraft operations. In case that the aircraft is unable to take these procedures, pilots should execute alternative procedures which are considered to be practically equivalent.

i) For take-off  
Nil

ii) For landing to : (For approach to :)  
RWY 36

a) Delayed Flap Approach Procedure  
Do not extend final landing flaps until leaving 1,500FT.

RWY 18

a) Make gear down after leaving 3,000FT.  
b) Delayed Flap Approach Procedure  
Do not extend final landing flaps until leaving 3,000FT.

iii) Reverse Thrust  
Nil

(2) Preferential Runways Procedures  
Nil

(3) Noise Preferential Routes  
Nil

**2. 標準計器出発方式の使用**

空港周辺における航空機騒音軽減のため、出発機は原則として、次の標準計器出発方式により飛行することが要求される。

(1) 北米／欧州／ロシア方面行きの全機及びハワイ方面行きの RWY36 から離陸する B747-100、200、300 型機

FOREST DEPARTURE  
CASTLE DEPARTURE  
IKAROS DEPARTURE  
CHITA DEPARTURE

(2) 1400UTC (2300JST) から 2100UTC (0600JST) の間

FOREST DEPARTURE  
CASTLE DEPARTURE  
IKAROS DEPARTURE  
ESPAÑ DEPARTURE  
MODEL DEPARTURE  
ISE DEPARTURE

**2. USE of SIDs**

In order to reduce aircraft noise in the vicinity of airport, in principle, departure aircrafts are requested to fly via the following SIDs.

(1) All aircraft for North America/Europe/Russia, and B-747-100, 200, 300 taking off from RWY36 for Hawaii.

FOREST DEPARTURE  
CASTLE DEPARTURE  
IKAROS DEPARTURE  
CHITA DEPARTURE

(2) During the hours from 1400UTC to 2100UTC

FOREST DEPARTURE  
CASTLE DEPARTURE  
IKAROS DEPARTURE  
ESPAÑ DEPARTURE  
MODEL DEPARTURE  
ISE DEPARTURE

**RJGG AD 2.22 FLIGHT PROCEDURES**

**1. TAKE OFF MINIMA**

|   | RWY | ACFT CAT | REDL & RCLL             |               | REDL or RCLL or RCL Marking |               | NIL (DAYTIME ONLY) |      |
|---|-----|----------|-------------------------|---------------|-----------------------------|---------------|--------------------|------|
|   |     |          | RVR                     | VIS           | RVR                         | VIS           | RVR                | VIS  |
| Multi-Engine ACFT with TKOF ALTN AP FILED | 18  | A,B,C    | 400m<br>*200m<br>**150m | 400m<br>*200m | 400m<br>*250m               | 400m<br>*250m | -                  | 500m |
|   |     | D        | 400m<br>*250m<br>**200m | 400m<br>*250m | 400m<br>*300m               | 400m<br>*300m | -                  | 500m |
|   | 36  | A,B,C    | 400m<br>*200m<br>**150m | 400m<br>*200m | 400m<br>*250m               | 400m<br>*250m | -                  | 500m |
|   |     | D        | 400m<br>*250m<br>**200m | 400m<br>*250m | 400m<br>*300m               | 400m<br>*300m | -                  | 500m |
|   | 18  | A,B,C,D  | AVBL LDG MINIMA         |               |                             |               |                    |      |
|   | 36  |          | AVBL LDG MINIMA         |               |                             |               |                    |      |

\* APPLICABLE when LVP/LVPD IN FORCE.

\*\* APPLICABLE when LVP/LVPD IN FORCE and MULTIPLE RVRs AVAILABLE.

**2. Lost communication procedures for arrival aircraft under radar navigational guidance**

If radio communications with Centrair Approach/Radar are lost for 1 minute, squawk Mode A/3 Code 7600 and ;

- (I)    1. Contact Centrair Tower.
- 2. If unable, proceed in accordance with Visual Flight Rules.
- 3. If unable,
  - RWY36 in use : Proceed to PROBE or PIXIE at the last assigned altitude or 4,000FT whichever is higher and execute Instrument Approach.
  - RWY18 in use : Proceed to QUEST or POKER at the last assigned altitude or 4,000FT whichever is higher and execute Instrument Approach.
- (II) Procedures other than above will be issued when situation required.

**3. Traectorized Airport Traffic Data Processing System(TAPS)**

セントレアアプローチの指示のもとに、当該進入管制区を飛行する航空機は、モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。

二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は、管制官に対し、その旨通報すること。

Aircraft flying under control of Centrair approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C.

If an aircraft with non-discrete code capability be instructed to reply with the discrete code, it shall report a controller accordingly.

**4. 場周経路における高度について**

到着機が輻輳することを避け、かつ秩序ある飛行場周辺の航空交通の流れを促進するために、場周経路において航空機は以下の高度で飛行することが望ましい。

ただし、天候等により以下の高度により飛行できない場合は、“セントレアタワー”に希望飛行高度とともにその旨通報すること。

場周経路を飛行する際の高度は以下のとおり

## (1) 固定翼航空機

- |          |         |
|----------|---------|
| i) ジェット  | 1,500ft |
| ii) プロペラ | 1,000ft |

## (2) 回転翼航空機

800ft

**4.Traffic Pattern Altitude**

In order to avoid congestion of arriving aircrafts and to make orderly flow on Traffic Pattern, aircraft are desirable to fly at the altitude.

However, in case it is difficult to fly at the altitude due to weather and so on, aircraft shall report it to "Centrair TWR" with your proposed altitude.

Traffic Pattern altitude as follows.

## (1) Fixed aircraft

- |                 |         |
|-----------------|---------|
| i) Jet          | 1,500ft |
| ii) Propeller   | 1,000ft |
| (2) Rotor craft | 800ft   |

## 5. Category II/III Operations at Chubu Centrair International Airport

中部国際空港におけるカテゴリー II / III 運航

### 5.1 Facilities

The following facilities are available:

| Runway 18  | Runway 36  |
|--|--|
| <ul style="list-style-type: none"> <li>• ILS Runway 18-CAT II</li> <li>• Lighting system Runway 18-CAT II</li> <li>• RVR by forward-scatter meters (the touchdown zone, the mid-point and stop-end of the runway)</li> </ul> | <ul style="list-style-type: none"> <li>• ILS Runway 36-CAT III</li> <li>• Lighting system Runway 36-CAT III</li> <li>• RVR by forward-scatter meters (the touchdown zone, the mid-point and stop-end of the runway)</li> </ul> |

### 5.2 Conditions

A. The following systems must be operative:

| For ILS RWY 18 approach (CAT II)  | For ILS RWY 36 approach (CAT II)  |
|---|---|
| (1) ILS comprising; <ul style="list-style-type: none"> <li>• ILS-LOC 18 with standby transmitter</li> <li>• ILS-GP 18 with standby transmitter</li> <li>(When any standby transmitters unserviceable, down-grade ILS-CAT I.)</li> </ul><br>• ILS-DME 18 | (1) ILS comprising; <ul style="list-style-type: none"> <li>• ILS-LOC 36 with standby transmitter</li> <li>• ILS-GP 36 with standby transmitter</li> <li>(When any standby transmitters unserviceable, down-grade ILS-CAT I.)</li> <li>• ILS-DME 36</li> </ul> |
| (2) Lighting system comprising; <ul style="list-style-type: none"> <li>• PALS 18 (including side row barrettes)</li> <li>• High INTST REDL</li> <li>• High INTST RTHL</li> <li>• RCLL and RTZL</li> </ul>   | (2) Lighting system comprising; <ul style="list-style-type: none"> <li>• PALS 36 (including side row barrettes)</li> <li>• High INTST REDL</li> <li>• High INTST RTHL</li> <li>• RCLL and RTZL</li> </ul>   |
| (3) Secondary power supply  | (3) Secondary power supply  |
| (4) RVR by forward-scatter meters at the touchdown zone and either (the mid-point or stop-end of the runway).   | (4) RVR by forward-scatter meters at the touchdown zone and either (the mid-point or stop-end of the runway).   |

| For ILS RWY 36 approach (CAT III)   |
|---|
| (1) ILS comprising; <ul style="list-style-type: none"> <li>• ILS-LOC 36 with standby transmitter(including far field monitor)</li> <li>• ILS-GP 36 with standby transmitter</li> <li>(When any standby transmitter or far field monitor unserviceable, downgrade ILS-CAT I.)</li> <li>• ILS-DME 36</li> </ul> |
| (2) Lighting system comprising; <ul style="list-style-type: none"> <li>• PALS 36 (including side row barrettes)</li> <li>• High INTST REDL</li> <li>• High INTST RTHL</li> <li>• RCLL and RTZL</li> </ul>   |
| (3) Secondary power supply  |
| (4) RVR by forward-scatter meters at the touchdown zone, the mid-point and stop-end of the runway.  |

B. The following information must be currently available:

- 1) Surface wind speed and direction
- 2) RVR

C. ITEM A and/or B are not met, the relevant information will be notified to the pilots as soon as practicable.

### 5.3 Precision Approach Terrain Profile Chart

See RJGG AD2.24

#### 5.4 Operating Minimum

Approach minima stated in AD2.24 (Instrument Approach Chart) are observed.

#### 5.5 LVP

LVP will be available when the following conditions are met:

- a) Ceiling is at or less than 200ft and/or RVR is at or less than 600m.
- b) Facilities listed 5.1 above are operational.
- c) ILS Critical Area is protected.

In order to protect Critical Area for the succeeding arrival aircraft, an arrival aircraft may be given following instruction by ATC.

*"REPORT OUT OF ILS CRITICAL AREA"*

The exit taxiway center line lights are fixed alternate green and yellow inside the ILS Critical Area. If an aircraft is given the above instruction, she is expected to advise the ATC when the taxiway center line lights change from alternate green and yellow to steady green.

#### 5.6 Approval for CAT II/III Operations

Operators must obtain operational approval from the State of Registry or the State of Operator, as appropriate, to conduct CAT II/III Operations. (See GEN1.5)

---

## 6. LVTO at Chubu Centrair International Airport

### 6.1 Facilities

The following facilities are available:

| RWY 18   | RWY 36   |
|--|--|
| <ul style="list-style-type: none"><li>• Lighting system RWY 18 for LVTO</li><li>• RVR by forward-scatter meters<br/>(the touchdown zone, the mid-point and stop-end of the runway)</li></ul> | <ul style="list-style-type: none"><li>• Lighting system RWY 36 for LVTO</li><li>• RVR by forward-scatter meters<br/>(the touchdown zone, the mid-point and stop-end of the runway)</li></ul> |

### 6.2 Conditions

A. The following systems must be operative:

| For LVTO   |
|--|
| (1) Lighting system comprising: <ul style="list-style-type: none"><li>• High INTST REDL</li><li>• High INTST RENL</li><li>• RCLL</li></ul> |
| (2) Secondary power supply   |

B. The following information must be currently available:

- a) Surface wind speed and direction
- b) RVR or VIS

C. ITEM A and/or B are not met, the relevant information will be notified to the pilots as soon as practicable.

### 6.3 Operating Minima

Take-off minima stated in AD2.22 (TAKE-OFF MINIMA) are observed.

### 6.4 LVP/LVPD

LVP/LVPD will be available when the following conditions are met:

- a) RVR is at or less than 500m.
- b) Facilities listed 6.1 above are operational.

### 6.5 Runway Holding position Marking

Runway holding position markings are displayed on taxiways A1 through A10 and A3S, A8N which are located at 107.5m off the runway center line.

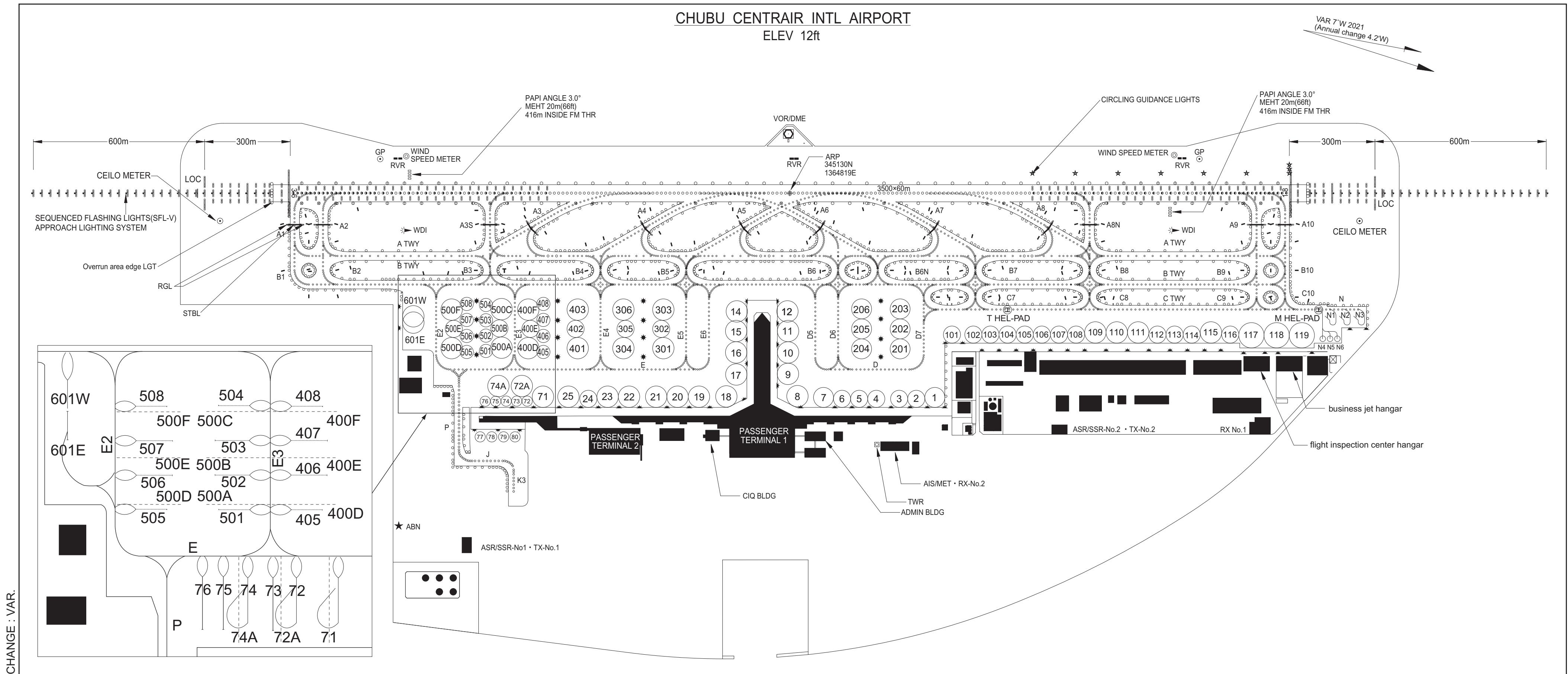
Note: The common way of its markings is shown in RJGG AD2.24

## RJGG AD 2.23 ADDITIONAL INFORMATION

- |  |
|--|
| 1. Vessel (Max height 210ft/MSL) will occasionally pass in the vicinity of the airport.(See LDG CHART)<br>空港周辺を船舶（最高高さ 210ft）が通過する場合がある。 |
|--|

**RJGG AD 2.24 CHARTS RELATED TO AN AERODROME**

Aerodrome Chart -1  
Aerodrome Chart -2  
Aerodrome Ground Movement Chart  
Aerodrome Obstacle Chart - ICAO type A  
Aerodrome Obstacle Chart - ICAO type B  
Precision Approach Terrain Chart (RWY36)  
Precision Approach Terrain Chart (RWY18)  
Standard Departure Chart - Instrument (ESPAÑ)  
Standard Departure Chart - Instrument (HIKNE, IKAROS)  
Standard Departure Chart - Instrument (NAGOYA)  
Standard Departure Chart - Instrument (CASTLE)  
Standard Departure Chart - Instrument (MORIZ)  
Standard Departure Chart - Instrument (FOREST)  
Standard Departure Chart - Instrument (MODEL)  
Standard Departure Chart - Instrument  
Standard Departure Chart - Instrument (CHITA-RNAV)  
Standard Departure Chart - Instrument (ISE-RNAV)  
Standard Departure Chart - Instrument (MEIJKYO-RNAV)  
Standard Departure Chart - Instrument (OUMI-RNAV)  
Standard Departure Chart - Instrument (TOYOTA-RNAV)  
Standard Arrival Chart - Instrument (SOUTH)  
Standard Arrival Chart - Instrument (NORTH)  
Standard Arrival Chart - Instrument (CARDS, CHESS, SWING, SLIDE, OLTOM-SOUTH RNAV)  
Standard Arrival Chart - Instrument (CARDS, CHESS, SWING, SLIDE, OLTOM-NORTH RNAV)  
Standard Arrival Chart - Instrument (CARDS, CHESS, SWING, SLIDE, OLTOM-MARINE RNAV)  
Instrument Approach Chart (ILS Z or LOC Z RWY36 CAT II & CAT III)  
Instrument Approach Chart (ILS Y or LOC Y RWY36 CAT II & CAT III)  
Instrument Approach Chart (VOR RWY36)  
Instrument Approach Chart (ILS Z or LOC Z RWY18 CAT II)  
Instrument Approach Chart (ILS Y or LOC Y RWY18 CAT II)  
Instrument Approach Chart (ILS X or LOC X RWY18 CAT II)  
Instrument Approach Chart (VOR RWY18)  
Instrument Approach Chart (RNAV(GNSS) RWY36)  
Instrument Approach Chart (RNAV(GNSS) RWY18)  
Other chart (Visual REP)  
Other chart (LDG CHART)  
Other chart (MVA CHART)



RJGG / CHUBU CENTRAIR

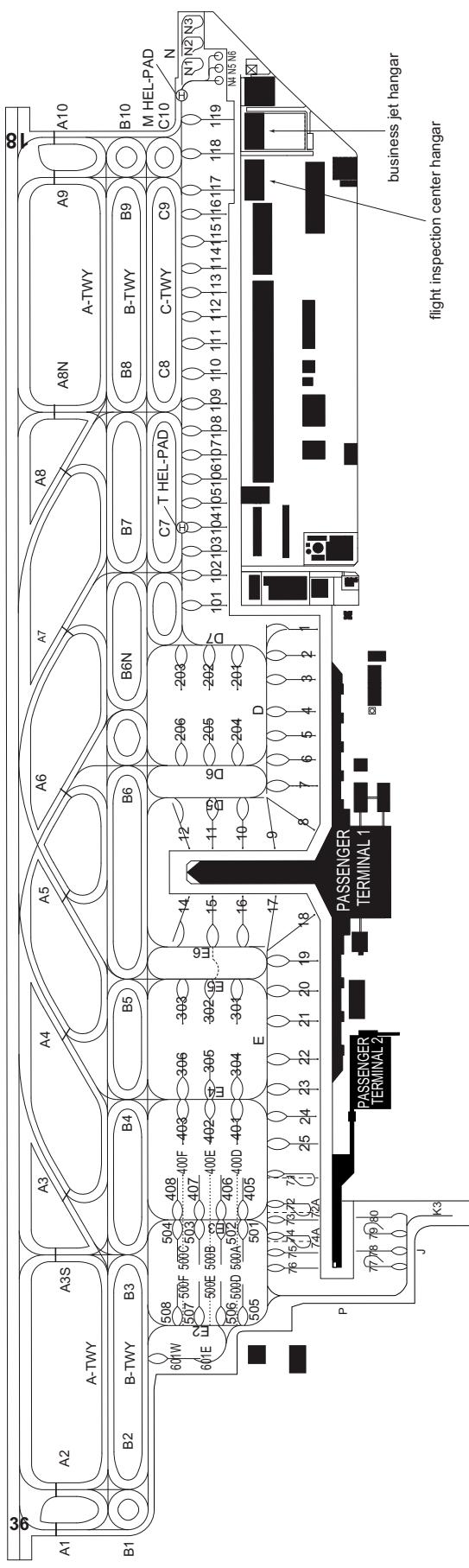
## AD CHART

CHANGE : VAR.

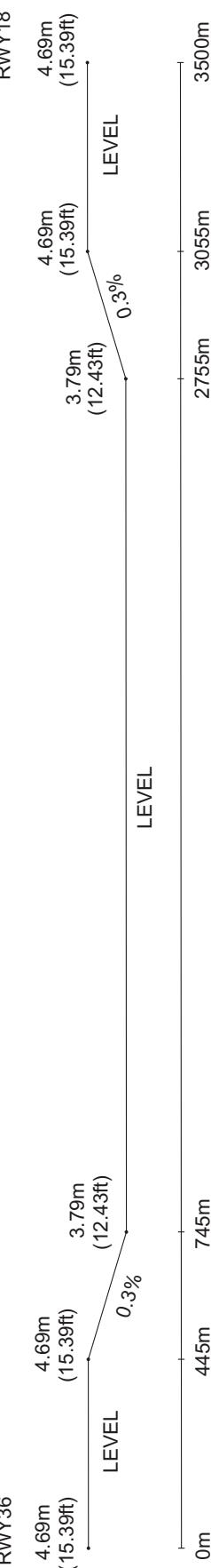
|       |                |
|-------|----------------|
| ATIS  | 127.075        |
| DLVRY | 121.85         |
| GND   | 121.8          |
| TWR   | 118.85 - 289.9 |

VAR7°W  
2021  
Annual change 4.2°W

CHUBU CENTRAIR AD CHART

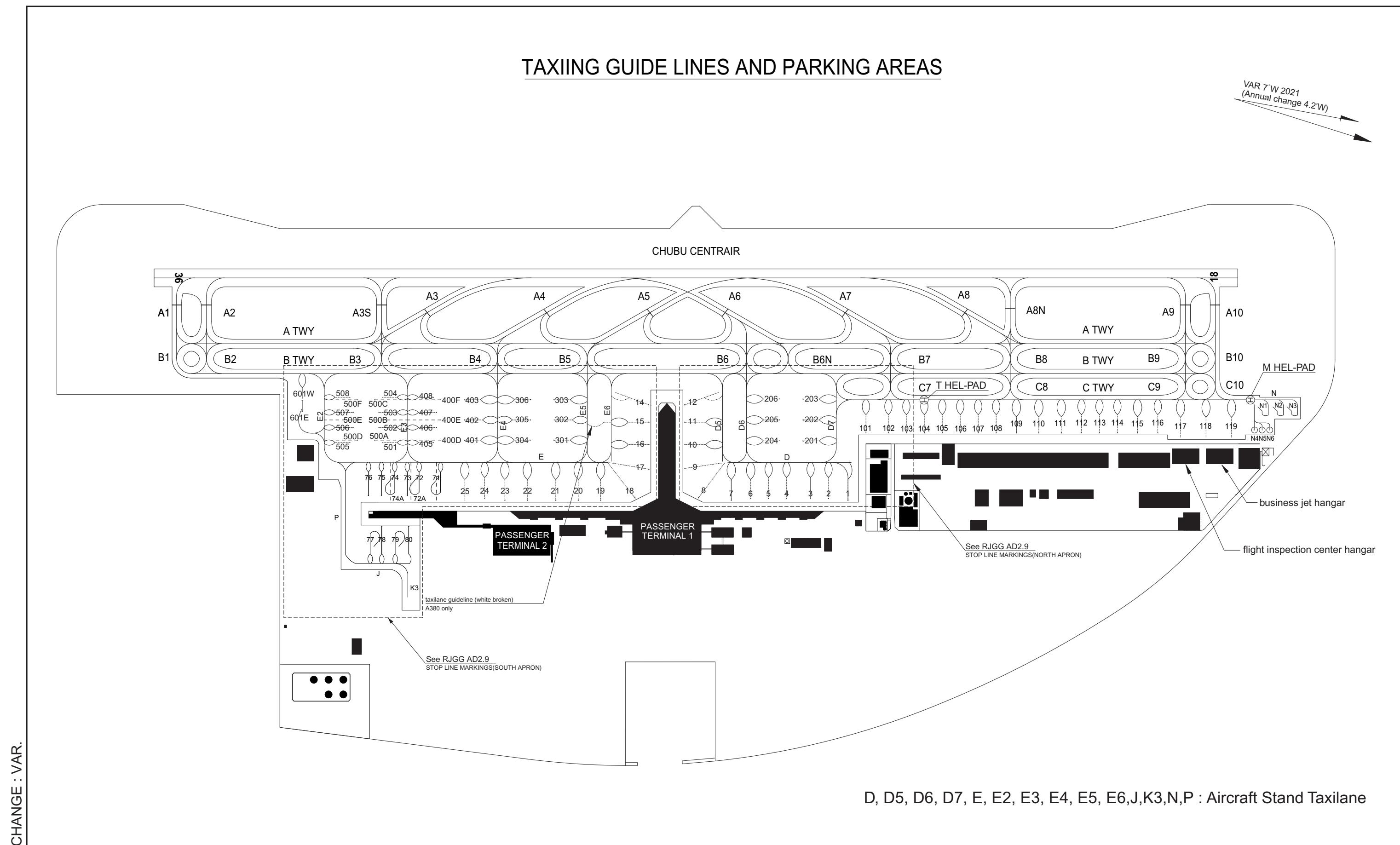


## LONGITUDINAL PROFILE OF RWY



**INTENTIONALLY LEFT BLANK**

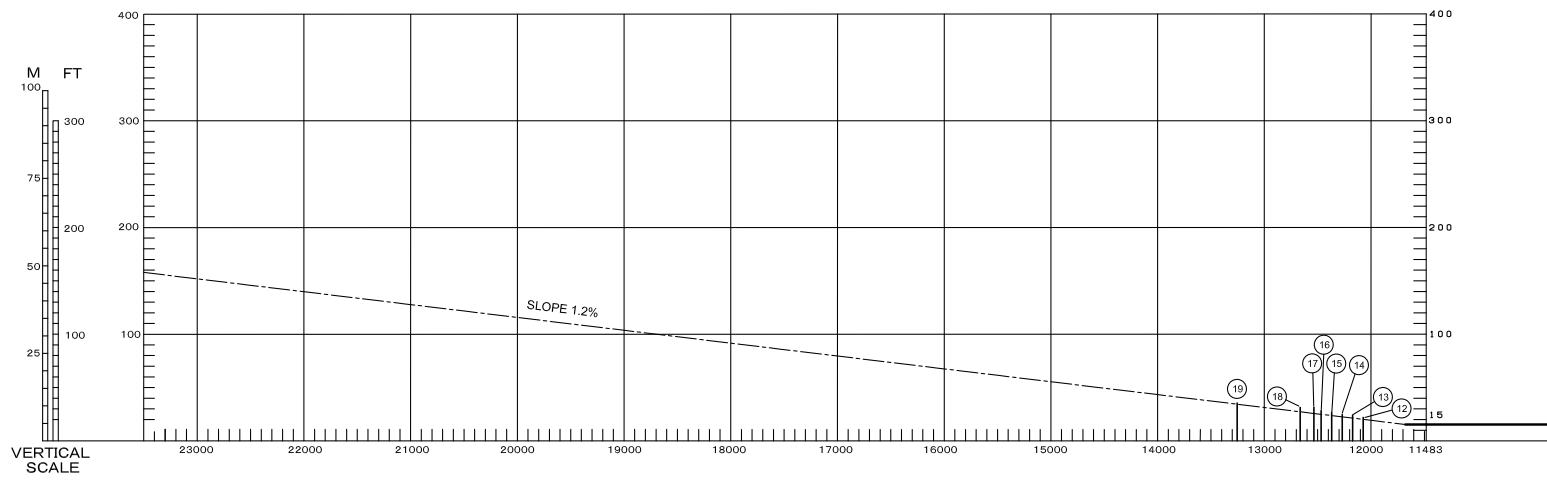
AERODROME GROUND MOVEMENT CHART



DIMENSIONS AND ELEVATIONS IN FEET BEARING ARE MAGNETIC

AERODROME OBSTACLE CHART-ICAO  
TYPE A (OPERATING LIMITATIONS)

MAGNETIC VARIATION 7°W (2021)



## AERODROME OBSTACLE CHART-ICAO TYPE B

DIMENSIONS AND ELEVATIONS IN FEET BEARINGS ARE MAGNETIC

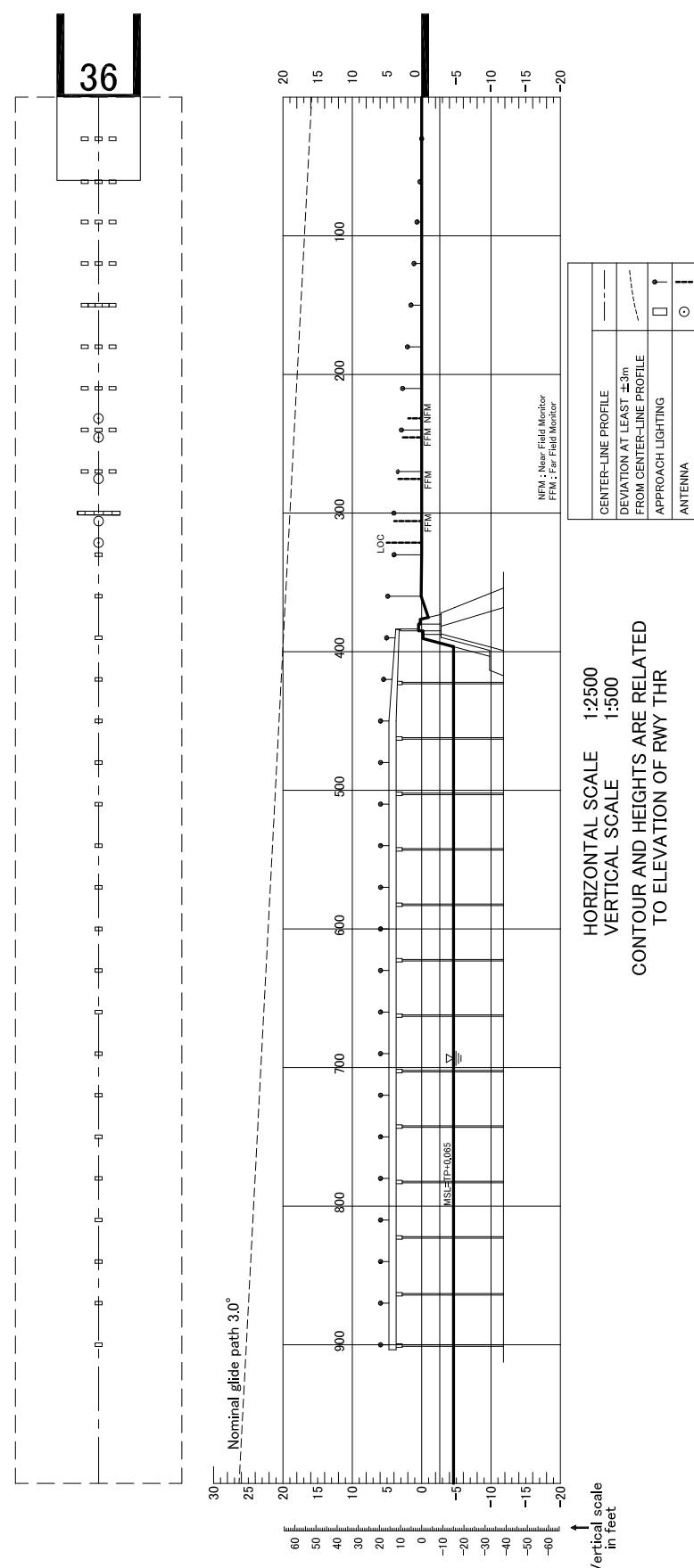


CHANGE:Update

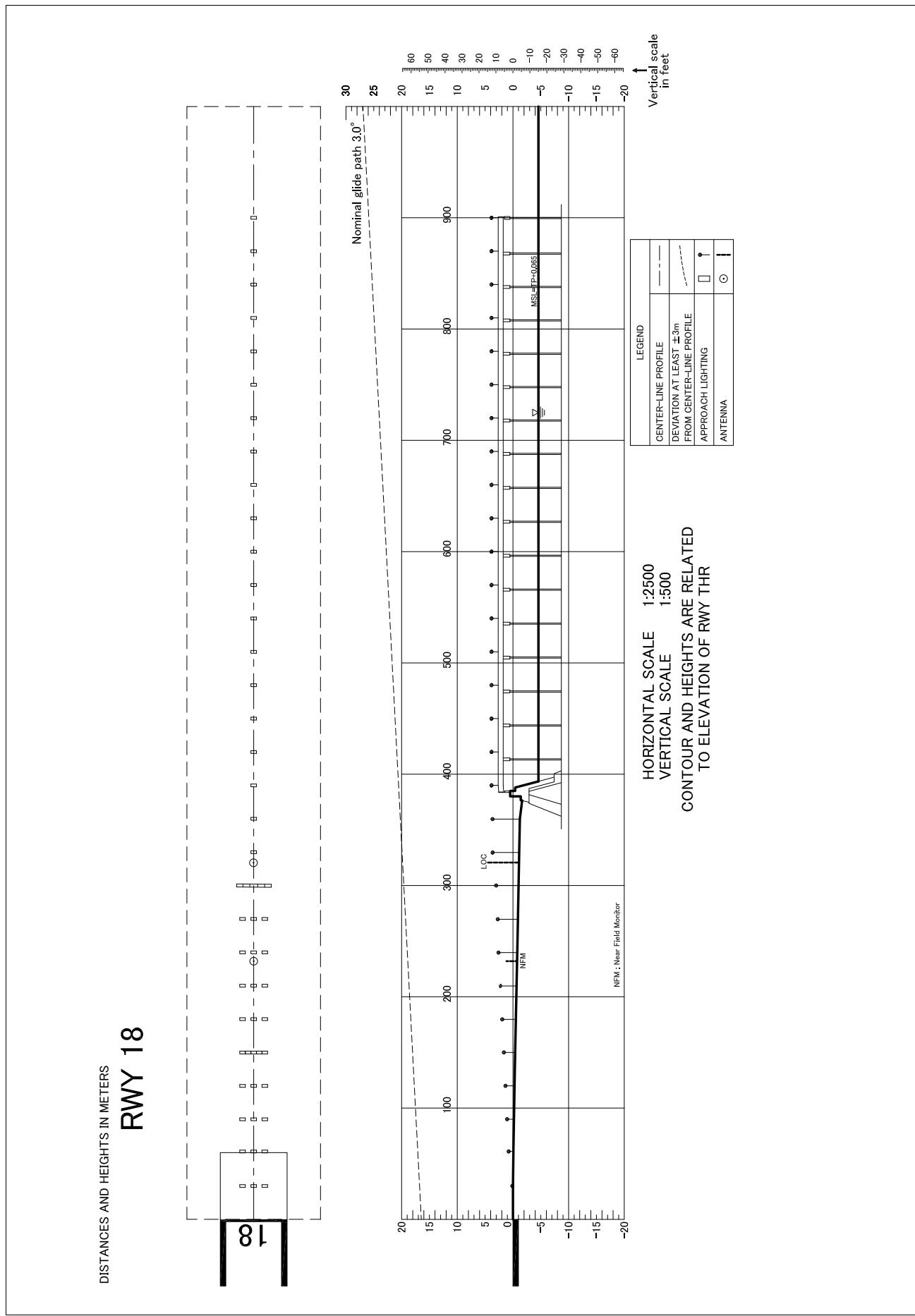
PRECISION APPROACH TERRAIN CHART

CHANGE:Update

DISTANCES AND HEIGHTS IN METERS  
**RWY 36**



## PRECISION APPROACH TERRAIN CHART



STANDARD DEPARTURE CHART -INSTRUMENT

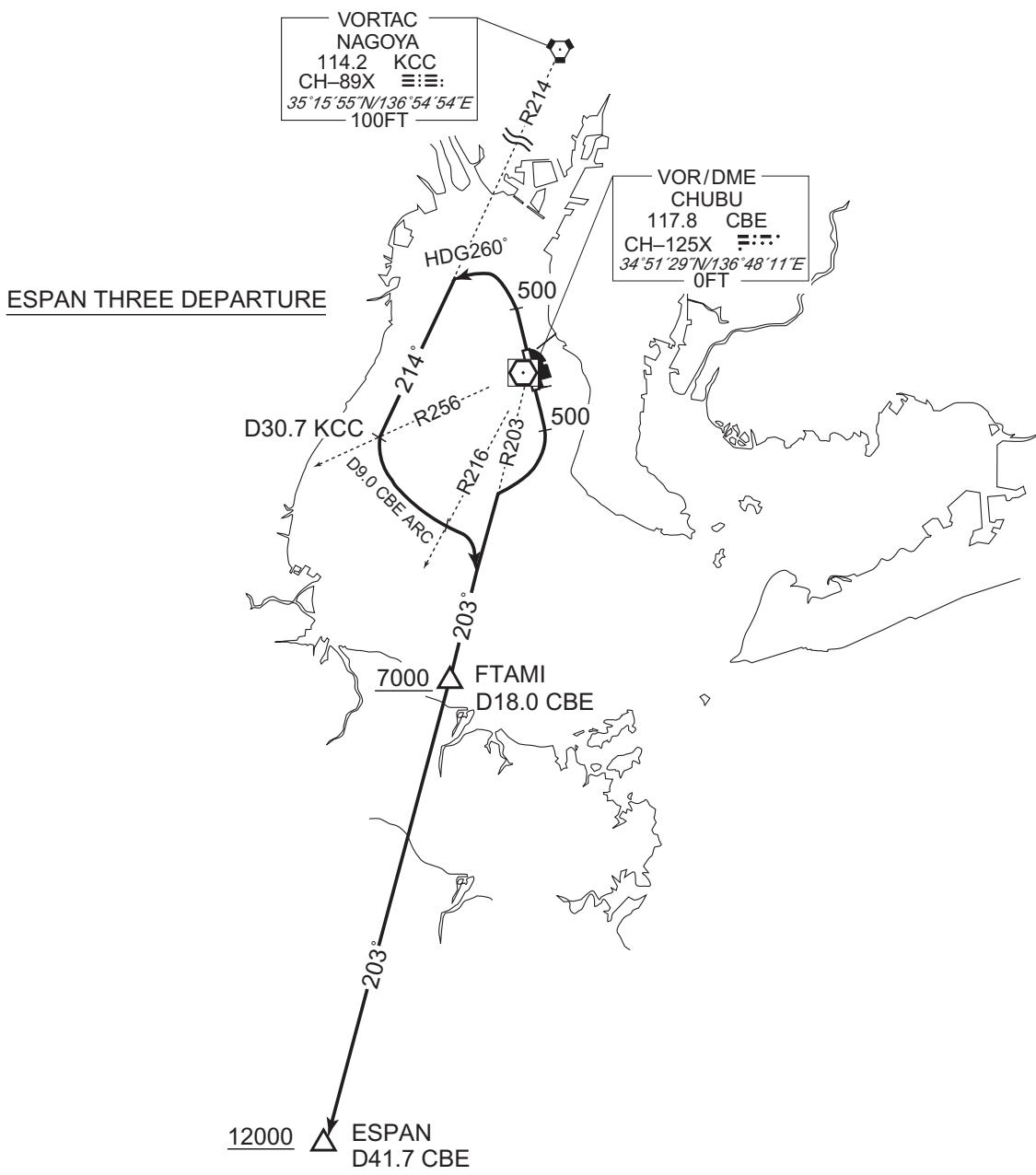
RJGG / CHUBU CENTRAIR

SID

ESPAÑ THREE DEPARTURE

RWY18 : Climb RWY HDG to 500FT, turn right,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC,...  
...via CBE R203 to ESPAN via FTAMI.  
Cross FTAMI at or above 7000FT.  
Cross ESPAN at or above 12000FT.



## STANDARD DEPARTURE CHART -INSTRUMENT

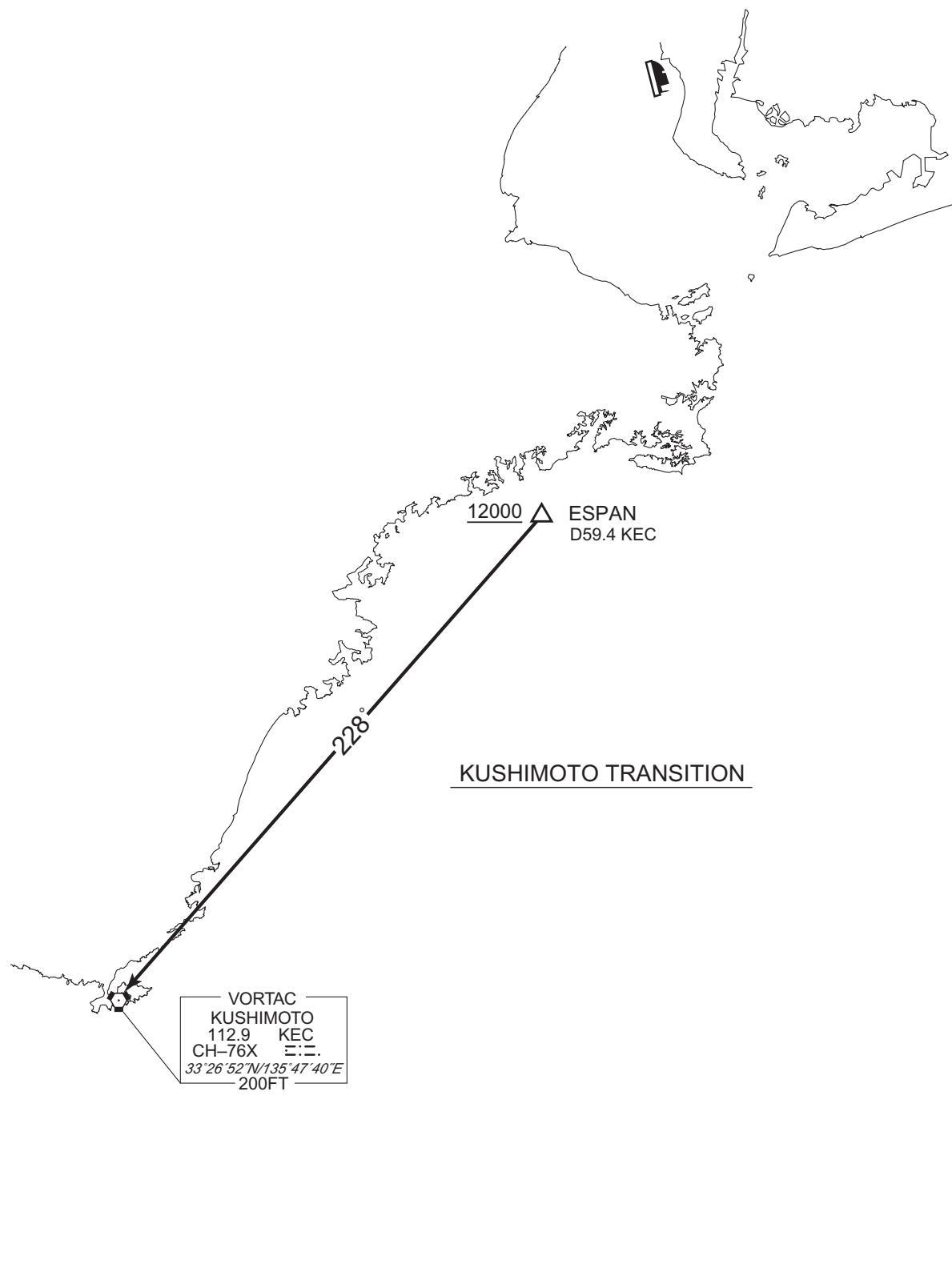
RJGG / CHUBU CENTRAIR

TRANSITION

KUSHIMOTO TRANSITION

From over ESPAN, proceed via KEC R048 to KEC VORTAC.

CHANGE : CHUBU VOR/DME(CBE) deleted.



STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

HIKNE THREE DEPARTURE

RWY18 : Climb RWY HDG to 500FT, turn right HDG359°...

RWY36 : Climb RWY HDG to 500FT, turn left, via CBE R351 to 6.0DME, turn left HDG270°...

...to intercept and proceed via CBE R314 to HIKNE.

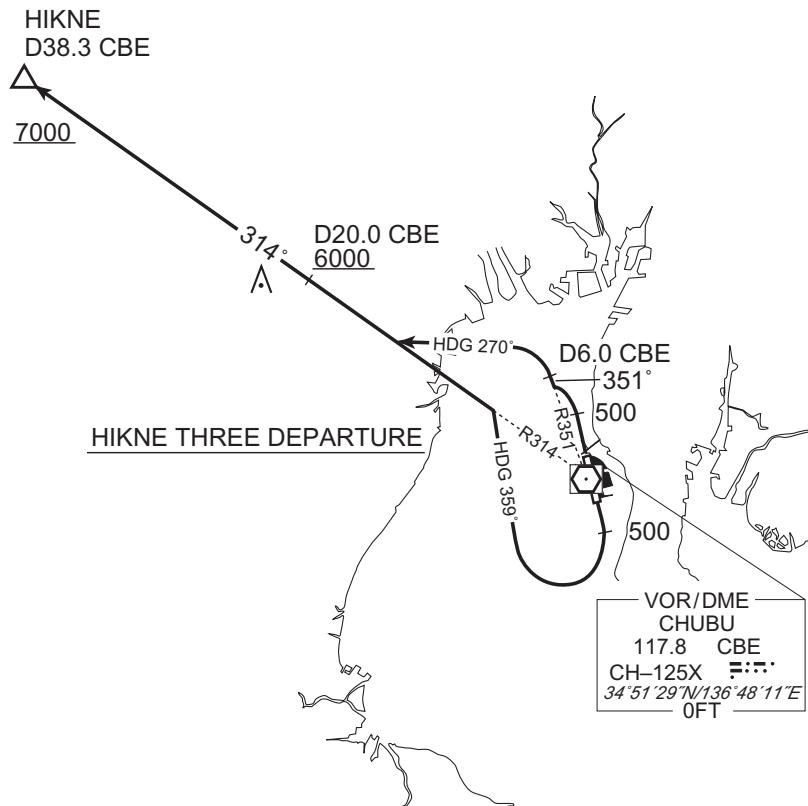
Cross CBE R314/20.0DME at or above 6000FT.

Cross HIKNE at or above 7000FT.

NOTE RWY36 : 3.7% climb gradient required up to 3700FT.

OBST ALT 3675FT located at 21.1NM 311° FM end of RWY36.

CHANGE : PROC renamed. ALT restriction added. NOTE(OBST).



## **STANDARD DEPARTURE CHART -INSTRUMENT**

RJGG / CHUBU CENTRAIR

SID

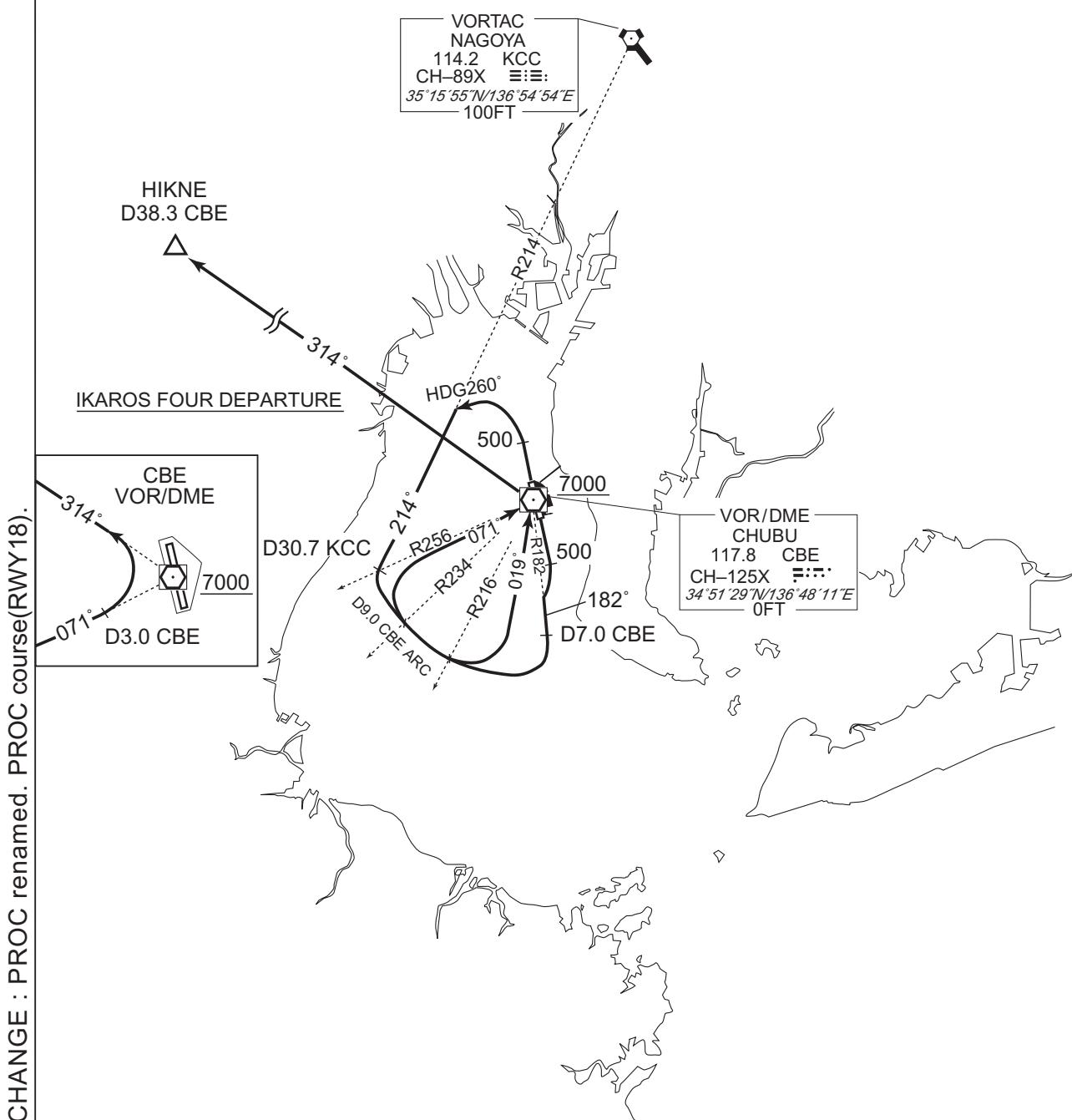
## IKAROS FOUR DEPARTURE

RWY18 : Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right, via CBE 9.0DME clockwise ARC, via CBE R251 to CBE VOR/DME,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R314 to HIKNE.

Cross CBE VOR/DME at or above 7000FT.



STANDARD DEPARTURE CHART -INSTRUMENT

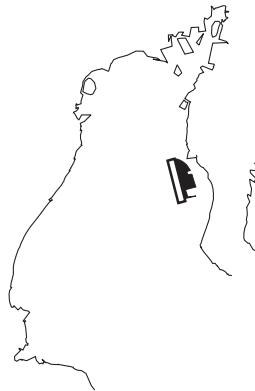
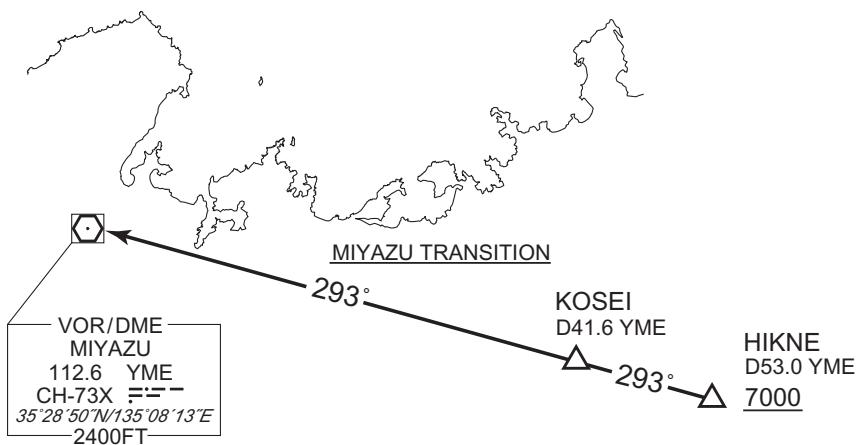
RJGG / CHUBU CENTRAIR

TRANSITION

CHANGE : OTSU TRANSITION abolished. OTSU VOR/DME(CUE) abolished. CHUBU VOR/DME(CBE) deleted.

MIYAZU TRANSITION

From over HIKNE, proceed via YME R113 to YME VOR/DME via KOSEI.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

NAGOYA SIX DEPARTURE

- RWY18** : Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left, via CBE 16.0DME counterclockwise ARC, via KCC R180 to KCC VORTAC. Cross CBE R182/13.6DME at or above 3500FT. Cross CBE R148 at or above 6000FT.
- RWY36** : Climb RWY HDG to 500FT, turn left, via CBE R351 to 12.0DME, turn right, via KCC R226 to KCC VORTAC.



CHANGE : PROC renamed. Radial FM CBE.

STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

CASTLE THREE DEPARTURE

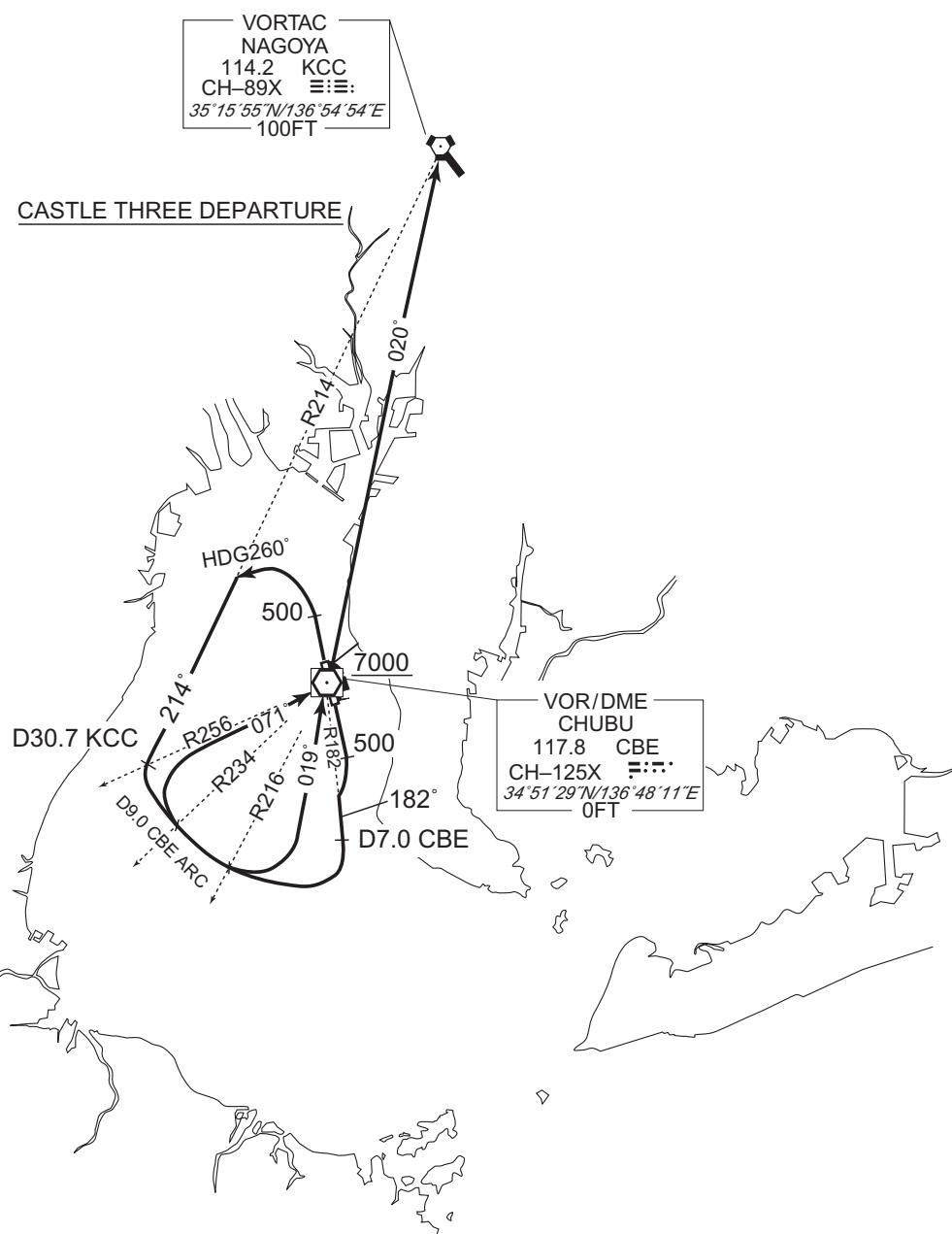
RWY18 : Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right, via CBE 9.0DME clockwise ARC, via CBE R251 to CBE VOR/DME,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R020/KCC R200 to KCC VORTAC.

Cross CBE VOR/DME at or above 7000FT.

CHANGE : PROC renamed. Radial FM CBE.



## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

MORIZ TWO DEPARTURE

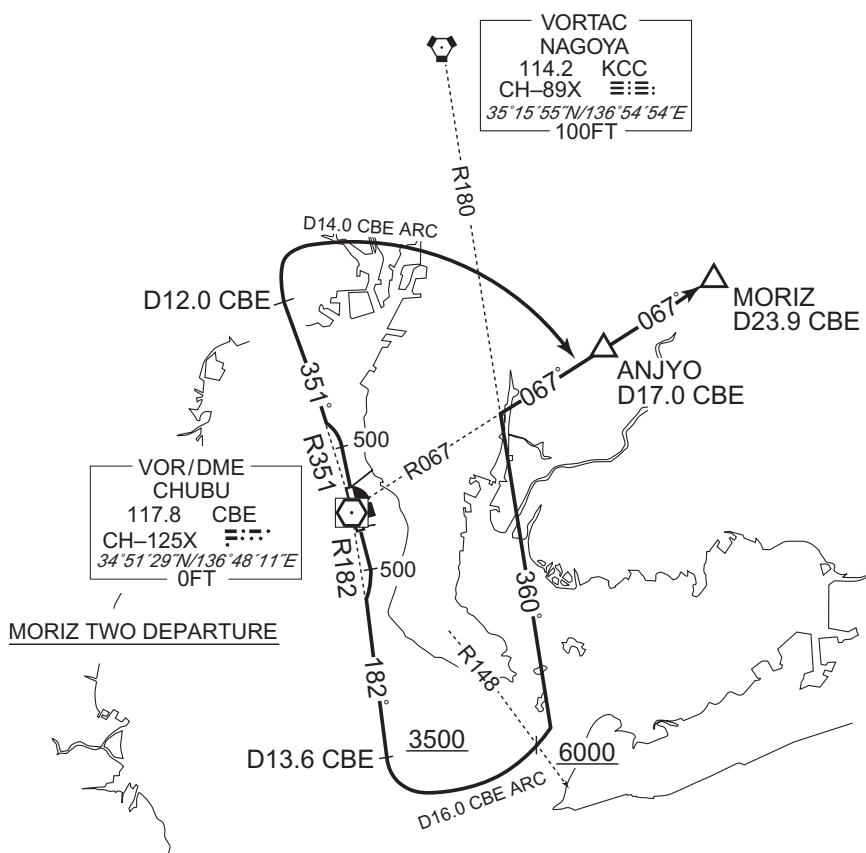
**RWY18** : Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left, via CBE 16.0DME counterclockwise ARC, via KCC R180,...

Cross CBE R182/13.6DME at or above 3500FT.

Cross CBE R148 at or above 6000FT.

**RWY36** : Climb RWY HDG to 500FT, turn left, via CBE R351 to 12.0DME, turn right, via CBE 14.0DME clockwise ARC,...

...via CBE R067 to MORIZ via ANJYO.



CHANGE : PROC renamed. Radial FM CBE.

STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

FOREST THREE DEPARTURE

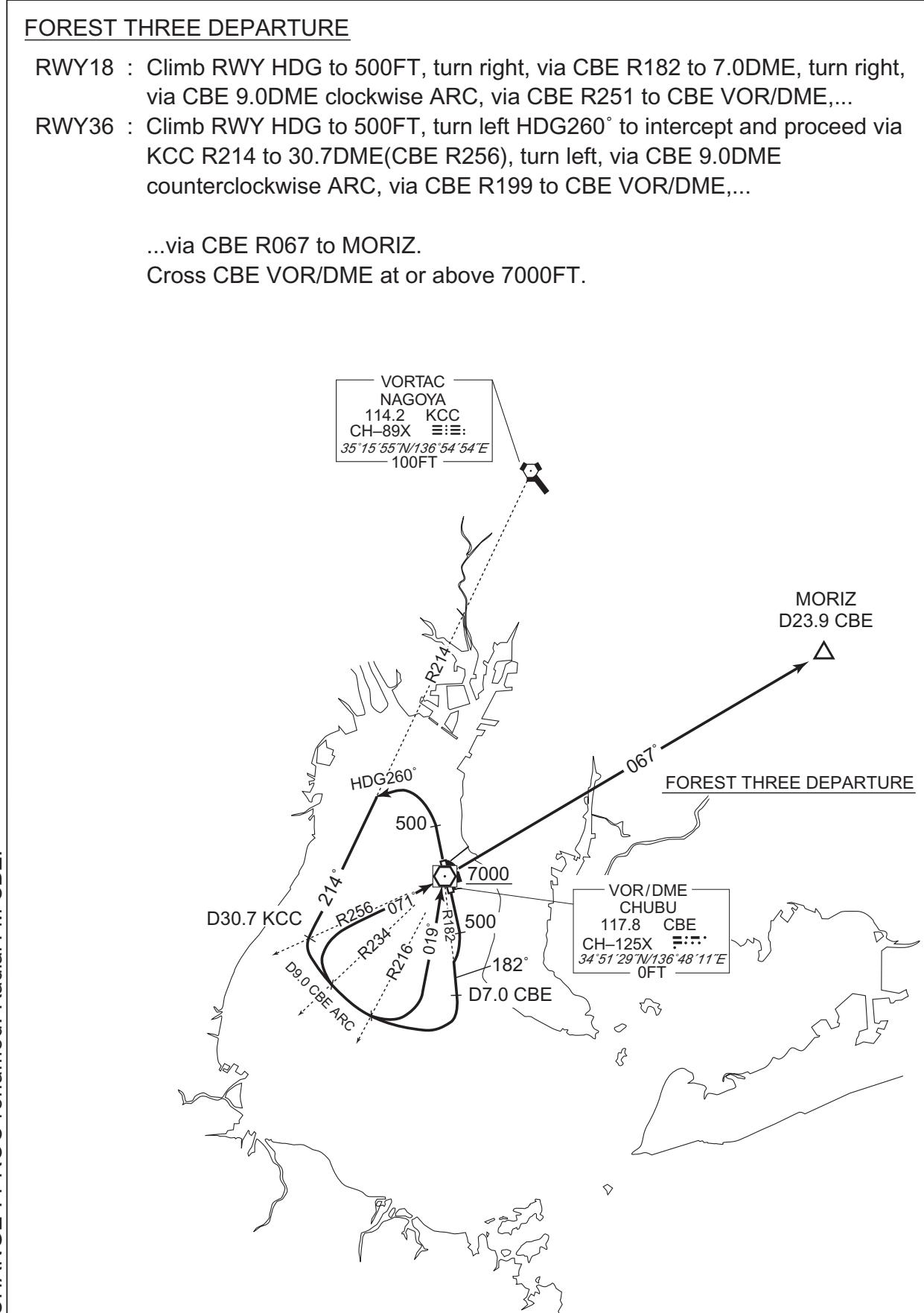
RWY18 : Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right, via CBE 9.0DME clockwise ARC, via CBE R251 to CBE VOR/DME,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R067 to MORIZ.

Cross CBE VOR/DME at or above 7000FT.

CHANGE : PROC renamed. Radial FM CBE.



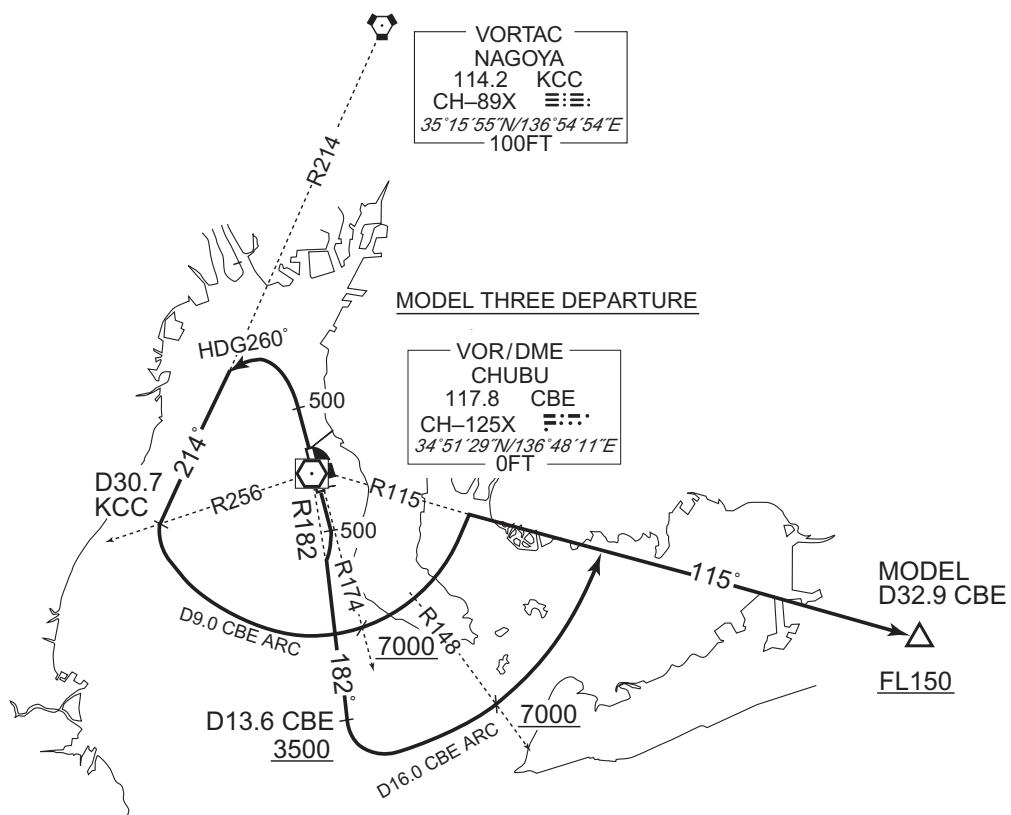
## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

SID

MODEL THREE DEPARTURE

- RWY18** : Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left, via CBE 16.0DME counterclockwise ARC,...  
 Cross CBE R182/13.6DME at or above 3500FT.  
 Cross CBE R148 at or above 7000FT.
- RWY36** : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC,...  
 Cross CBE R174 at or above 7000FT.  
 ...via CBE R115 to MODEL.  
 Cross MODEL at or above FL150.



CHANGE : PROC renamed. Radial FM CBE.

STANDARD DEPARTURE CHART -INSTRUMENT

|                       |            |
|-----------------------|------------|
| RJGG / CHUBU CENTRAIR | TRANSITION |
|-----------------------|------------|

KROBE TRANSITION

From over KCC VORTAC, proceed via KCC R034 to KROBE via STRAW.  
Cross STRAW at or above FL200.

GOHEI TRANSITION

From over KCC VORTAC, proceed via KCC R029 to GOHEI via SOBAR.  
Cross SOBAR at or above FL200.

CHAUS TRANSITION

From over MORIZ, proceed via CBE R067 to CHAUS via TSUGU.  
Cross CHAUS at or above FL150.

ENSYU TRANSITION

From over MODEL, proceed via CBE R115 to ENSYU.

CHANGE : Course FM MODEL to ENSYU.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

TRANSITION



STANDARD DEPARTURE CHART -INSTRUMENT

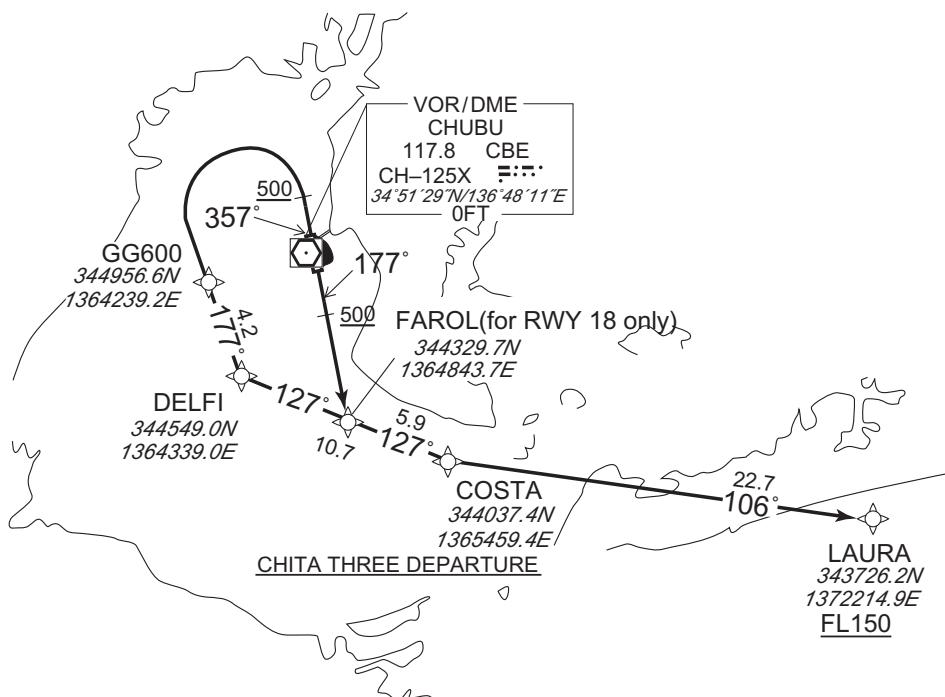
RJGG / CHUBU CENTRAIR

RNAV SID

| CHITA THREE DEPARTURE   |                       | RNAV 1   |
|---|-----------------------|--|
| Note 1 ) DME/DME/IRU or GNSS required.<br>※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.<br>2 ) RADAR service required. | Critical DME          | RWY18<br>XMT : 2.0NM from DER – 4.0NM to COSTA<br>KCC : 18.7NM to LAURA – LAURA<br>RWY36<br>XMT : 1.2NM to DELFI – 4.0NM to COSTA<br>KCC : 18.7NM to LAURA – LAURA<br>CBE : DELFI – 9.0NM to COSTA |
|   | DME GAP               | RWY18 : DER – 2.0NM from DER<br>COSTA – 20.0NM to LAURA<br>RWY36 : DER – 3.0NM from DER<br>COSTA – 20.0NM to LAURA   |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.   |

VAR 8°W(2020)

CHANGE : VAR, PROC renamed. PROC course.



CHITA THREE DEPARTURE

RWY18 : Climb on HDG177° at or above 500FT, direct to FAROL, to COSTA, to LAURA at or above FL150.

RWY36 : Climb on HDG357° at or above 500FT, turn left direct to GG600, to DELFI, to COSTA, to LAURA at or above FL150.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID

CHITA THREE DEPARTURE

## RWY18

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 177<br>(168.8) | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | FAROL               | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 003           | TF              | COSTA               | —        | 127<br>(119.1) | -7.8               | 5.9           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | LAURA               | —        | 106<br>(097.9) | -7.8               | 22.7          | —              | +FL150        | —            | —              | RNAV1                    |

## RWY36

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 357<br>(348.8) | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | GG600               | —        | —              | -7.8               | —             | L              | —             | —            | —              | RNAV1                    |
| 003           | TF              | DELFI               | —        | 177<br>(168.8) | -7.8               | 4.2           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | COSTA               | —        | 127<br>(119.1) | -7.8               | 10.7          | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | LAURA               | —        | 106<br>(097.9) | -7.8               | 22.7          | —              | +FL150        | —            | —              | RNAV1                    |

CHANGE : VAR. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV TRANSITION

| BOGON TRANSITION  |                       | RNAV 1   |
|---|-----------------------|--|
| Note 1 ) DME/DME/IRU or GNSS required.<br>2 ) RADAR service required. | Critical DME          | -  |
|   | DME GAP               | -  |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |

VAR 8°W(2020)



BOGON TRANSITION

From LAURA at or above FL150, to BOGON.

BOGON TRANSITION

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | LAURA               | -        | -              | -7.8               | -             | -              | +FL150        | -            | -              | RNAV1                    |
| 002           | TF              | BOGON               | -        | 121<br>(113.7) | -7.8               | 12.1          | -              | -             | -            | -              | RNAV1                    |

CHANGE : VARIATION

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID

| ISE THREE DEPARTURE   |   | RNAV 1   |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
|---|---|--|---------------|-----------------|---------------------|---------------|----------------|--------------------|---------------|----------------|--------------------------|--------------|----------------|--------------------------|-----|----|---|---|-------------|------|---|---|------|---|---|-------|-----|----|-------|---|---|------|---|---|-------|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|-----|----|-------|---|-------------|------|------|---|-------|---|---|-------|-----|----|-------|---|-------------|------|------|---|---|---|---|-------|
| Note 1 ) DME/DME/IRU or GNSS required.<br>※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.<br>2 ) RADAR service required.   |   |  <p>The chart shows the RNAV SID ISE THREE Departure route. It starts at DER (117.8 CBE) and branches into two main paths. The left path goes through GG600 (344956.6N 1364239.2E), DELFI (344549.0N 1364339.0E), MEOTO (343430.4N 1364051.3E), and FTAMI (343403.9N 1364231.0E) before reaching ESPAN (341114.2N 1363508.8E). The right path goes through CH-125X (34°51'29"N/136°48'11"E) before turning right onto HDG 177° to reach ESPAN. Both paths involve altitude changes of +500ft and +7000ft, and turns at specific headings (e.g., 357°, 177°, 11.5°, 199°, 23.8°, 23.6°, 203°).</p> |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| Critical DME  | RWY18<br>XMT : 2.0NM from DER – 16.6NM to ESPAN<br>RWY36<br>XMT : 1.2NM DELFI – DELFI<br>MEOTO – 15.7NM to ESPAN<br>CBE : DELFI – MEOTO |  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| DME GAP   | RWY18 : DER – 2.0NM from DER – 16.6NM to ESPAN – ESPAN<br>RWY36 : DER – 3.0NM from DER – 15.7NM to ESPAN – ESPAN                        |  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| Inappropriate Navaids   | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.  |  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| ISE THREE DEPARTURE   |   | ISE THREE DEPARTURE  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| <b>ISE THREE DEPARTURE</b><br>RWY18 : Climb on HDG177° at or above 500FT, turn right direct to FTAMI at or above 7000FT, to ESPAN.<br>RWY36 : Climb on HDG357° at or above 500FT, turn left direct to GG600, to DELFI, to MEOTO at or above 7000FT, to ESPAN.   |   |  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| <b>ISE THREE DEPARTURE</b>  |   |  |               |                 |                     |               |                |                    |               |                |                          |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| <b>RWY18</b><br><table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>VA</td> <td>—</td> <td>—</td> <td>177 (169.0)</td> <td>-7.8</td> <td>—</td> <td>—</td> <td>+500</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>DF</td> <td>FTAMI</td> <td>—</td> <td>—</td> <td>-7.8</td> <td>—</td> <td>R</td> <td>+7000</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>ESPAÑ</td> <td>—</td> <td>203 (195.0)</td> <td>-7.8</td> <td>23.6</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table>  |   |  | Serial Number | Path Descriptor | Waypoint Identifier | Fly Over      | Course °M(T)   | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT)            | Speed (KIAS) | Vertical Angle | Navigation Specification | 001 | VA | — | — | 177 (169.0) | -7.8 | — | — | +500 | — | — | RNAV1 | 002 | DF | FTAMI | — | — | -7.8 | — | R | +7000 | — | — | RNAV1 | 003 | TF | ESPAÑ | — | 203 (195.0) | -7.8 | 23.6 | — | — | — | — | RNAV1 |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| Serial Number   | Path Descriptor   | Waypoint Identifier  | Fly Over      | Course °M(T)    | Magnetic Variation  | Distance (NM) | Turn Direction | Altitude (FT)      | Speed (KIAS)  | Vertical Angle | Navigation Specification |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 001   | VA  | —  | —             | 177 (169.0)     | -7.8                | —             | —              | +500               | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 002   | DF  | FTAMI  | —             | —               | -7.8                | —             | R              | +7000              | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 003   | TF  | ESPAÑ  | —             | 203 (195.0)     | -7.8                | 23.6          | —              | —                  | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| <b>RWY36</b><br><table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>VA</td> <td>—</td> <td>—</td> <td>357 (349.0)</td> <td>-7.8</td> <td>—</td> <td>—</td> <td>+500</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>DF</td> <td>GG600</td> <td>—</td> <td>—</td> <td>-7.8</td> <td>—</td> <td>L</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>003</td> <td>TF</td> <td>DELFI</td> <td>—</td> <td>177 (168.8)</td> <td>-7.8</td> <td>4.2</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>004</td> <td>TF</td> <td>MEOTO</td> <td>—</td> <td>199 (191.5)</td> <td>-7.8</td> <td>11.5</td> <td>—</td> <td>+7000</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>005</td> <td>TF</td> <td>ESPAÑ</td> <td>—</td> <td>199 (191.5)</td> <td>-7.8</td> <td>23.8</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table> |   |  | Serial Number | Path Descriptor | Waypoint Identifier | Fly Over      | Course °M(T)   | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT)            | Speed (KIAS) | Vertical Angle | Navigation Specification | 001 | VA | — | — | 357 (349.0) | -7.8 | — | — | +500 | — | — | RNAV1 | 002 | DF | GG600 | — | — | -7.8 | — | L | —     | — | — | RNAV1 | 003 | TF | DELFI | — | 177 (168.8) | -7.8 | 4.2  | — | — | — | — | RNAV1 | 004 | TF | MEOTO | — | 199 (191.5) | -7.8 | 11.5 | — | +7000 | — | — | RNAV1 | 005 | TF | ESPAÑ | — | 199 (191.5) | -7.8 | 23.8 | — | — | — | — | RNAV1 |
| Serial Number   | Path Descriptor   | Waypoint Identifier  | Fly Over      | Course °M(T)    | Magnetic Variation  | Distance (NM) | Turn Direction | Altitude (FT)      | Speed (KIAS)  | Vertical Angle | Navigation Specification |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 001   | VA  | —  | —             | 357 (349.0)     | -7.8                | —             | —              | +500               | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 002   | DF  | GG600  | —             | —               | -7.8                | —             | L              | —                  | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 003   | TF  | DELFI  | —             | 177 (168.8)     | -7.8                | 4.2           | —              | —                  | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 004   | TF  | MEOTO  | —             | 199 (191.5)     | -7.8                | 11.5          | —              | +7000              | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |
| 005   | TF  | ESPAÑ  | —             | 199 (191.5)     | -7.8                | 23.8          | —              | —                  | —             | —              | RNAV1                    |              |                |                          |     |    |   |   |             |      |   |   |      |   |   |       |     |    |       |   |   |      |   |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |     |    |       |   |             |      |      |   |       |   |   |       |     |    |       |   |             |      |      |   |   |   |   |       |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV TRANSITION

| KOZA TRANSITION   |                       | RNAV 1   |
|---|-----------------------|--|
| Note 1 ) DME/DME/IRU or GNSS required.<br>2 ) RADAR service required. | Critical DME          | KEC : 13NM to KEC – 6NM to KEC                     |
|   | DME GAP               | 3.0NM to KEC – KEC                                 |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |

VAR 8°W(2020)



## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID



CHANGE : VAR. PROC renamed. PROC course. Critical DME. DME GAP. NAGOYA(FIX symbol).

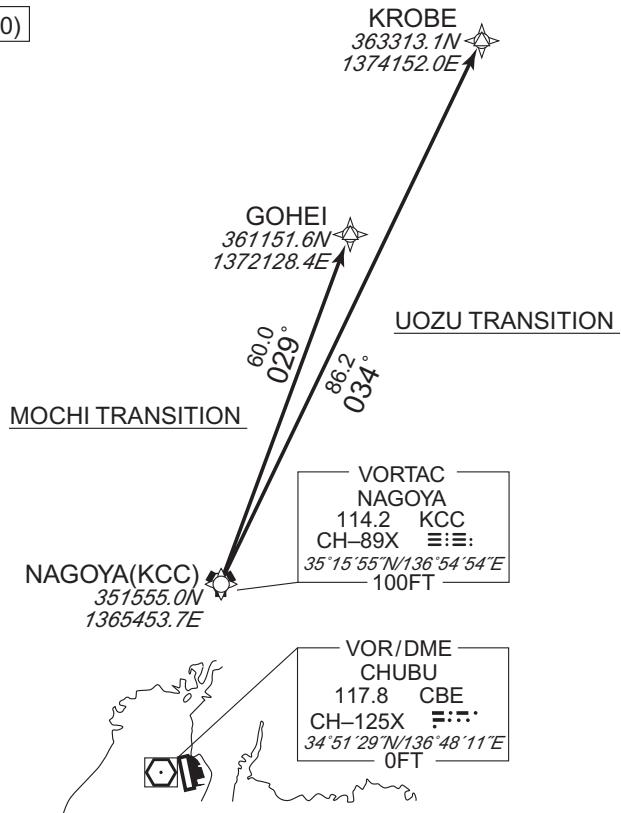
STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV TRANSITION

| UOZU TRANSITION / MOCHI TRANSITION                                    |                       |   | RNAV 1 |
|---|-----------------------|---|--------|
| Note 1 ) DME/DME/IRU or GNSS required.<br>2 ) RADAR service required. | Critical DME          | UOZU TRANSITION : YME : KCC – KROBE<br>MOCHI TRANSITION : YME : KCC – GOHEI |        |
|   | DME GAP               |   | –      |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.                          |        |

VAR 8°W(2020)



UOZU TRANSITION

From KCC, to KROBE.

MOCHI TRANSITION

From KCC, to GOHEI.

UOZU TRANSITION

CHANGE : VAR. PROC course. NAGOYA(FIX symbol).

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | KCC                 | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | KROBE               | —        | 034<br>(026.0) | -7.8               | 86.2          | —              | —             | —            | —              | RNAV1                    |

MOCHI TRANSITION

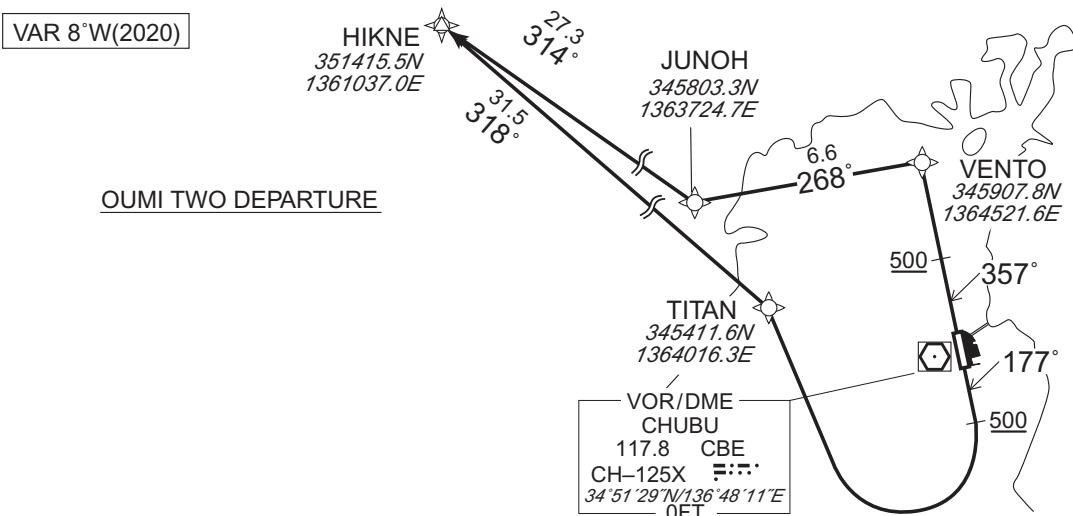
| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | KCC                 | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | GOHEI               | —        | 029<br>(021.0) | -7.8               | 60.0          | —              | —             | —            | —              | RNAV1                    |

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID

| OUMI TWO DEPARTURE  |  |   | RNAV 1 |
|---|--|---|--------|
| Note 1 ) DME/DME/IRU or GNSS required.<br>※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.<br>2 ) RADAR service required. | Critical DME<br><br>DME GAP<br><br>Inappropriate Navaids | RWY18<br>CBE, XMT : 2.0NM from DER – 7.0NM to TITAN<br>KCC : 2.0NM to TITAN – 23.0NM to HIKNE |        |
|   |  | RWY36<br>KCC : 3.0NM from DER – HIKNE   |        |
|   |  | RWY18 : DER – 2.0NM from DER<br>RWY36 : DER – 3.0NM from DER                                  |        |
| See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.  |  |   |        |



## OUMI TWO DEPARTURE

RWY18 : Climb on HDG177° at or above 500FT, turn right direct to TITAN, to HIKNE.

RWY36 : Climb on HDG357° at or above 500FT, direct to VENTO, to JUNOH, to HIKNE.

NOTE RWY36: 3.7% climb gradient required up to 3800FT.  
OBST ALT 3680FT located at 22.5NM 313° FM end of RWY36.

## OUMI TWO DEPARTURE

## RWY18

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 177 (169.0)   | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | TITAN               | —        | —             | -7.8               | —             | R              | —             | —            | —              | RNAV1                    |
| 003           | TF              | HIKNE               | —        | 318 (309.7)   | -7.8               | 31.5          | —              | —             | —            | —              | RNAV1                    |

## RWY36

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|---------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 357 (349.0)   | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | VENTO               | —        | —             | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 003           | TF              | JUNOH               | —        | 268 (260.7)   | -7.8               | 6.6           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | HIKNE               | —        | 314 (306.6)   | -7.8               | 27.3          | —              | —             | —            | —              | RNAV1                    |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

| RJGG / CHUBU CENTRAIR   |  | RNAV TRANSITION     |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
|---|--|---------------------|--|---------------|--------------------|---------------------|----------------|---------------|--------------------|----------------|--------------------------|---------------|--------------|----------------|--------------------------|-----|----|-------|---|---|------|---|---|---|---|---|-------|-----|----|-----|---|-------------|------|------|---|---|---|---|-------|
| TANGO TRANSITION / PIONE TRANSITION / MIDER TRANSITION  |  | RNAV 1              |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| Note 1 ) DME/DME/IRU or GNSS required.<br>2 ) RADAR service required.   |  | Critical DME        | PIONE TRANSITION<br>TZT : 10.0NM to PIONE - PIONE          |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| DME GAP   | PIONE TRANSITION<br>HIKNE - 40.0NM to WAKIT        |                     | MIDER TRANSITION<br>YME : 10.6NM to MIDER - 5.5NM to MIDER |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| Inappropriate Navaids   | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |                     |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| <p>The map illustrates the RNAV transition routes. It shows the coastline of Japan with three departure points marked: MIYAZU (YME) at 35°28'50.5"N 135°08'13"E, HIKNE at 35°14'15.5"N 136°10'37.0"E, and YME at 35°28'50.5"N 135°08'13"E. The routes are as follows:</p> <ul style="list-style-type: none"> <li><b>TANGO TRANSITION:</b> A line from HIKNE to YME, labeled with a distance of 53.0 NM and a bearing of 294°.</li> <li><b>PIONE TRANSITION:</b> A line from HIKNE to WAKIT, labeled with a distance of 62.7 NM and a bearing of 267°.</li> <li><b>MIDER TRANSITION:</b> A line from HIKNE to MIDER, labeled with a distance of 21.7 NM and a bearing of 240°.</li> <li><b>From MIYAZU (YME):</b> A line to PIONE, labeled with a distance of 49.8 NM and a bearing of 252°.</li> </ul> <p>Two VOR/DME stations are also shown: MIYAZU (YME) and CHUBU (CBE). MIYAZU (YME) is located at 35°28'50.5"N 135°08'13"E, with a frequency of 112.6 MHz and a CH-73X identifier. CHUBU (CBE) is located at 34°51'29.7"N 136°48'11"E, with a frequency of 117.8 MHz and a CH-125X identifier. Both stations have 2400FT as their altitude.</p> |  |                     |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| <p><b>TANGO TRANSITION</b><br/>From HIKNE, to YME.</p> <p><b>PIONE TRANSITION</b><br/>From HIKNE, to WAKIT, to PIONE.</p> <p><b>MIDER TRANSITION</b><br/>From HIKNE, to MIDER.</p>  |  |                     |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| <p><b>TANGO TRANSITION</b></p> <table border="1"> <thead> <tr> <th>Serial Number</th> <th>Path Descriptor</th> <th>Waypoint Identifier</th> <th>Fly Over</th> <th>Course °M(°T)</th> <th>Magnetic Variation</th> <th>Distance (NM)</th> <th>Turn Direction</th> <th>Altitude (FT)</th> <th>Speed (KIAS)</th> <th>Vertical Angle</th> <th>Navigation Specification</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>IF</td> <td>HIKNE</td> <td>—</td> <td>—</td> <td>-7.8</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> <tr> <td>002</td> <td>TF</td> <td>YME</td> <td>—</td> <td>294 (286.3)</td> <td>-7.8</td> <td>53.0</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>RNAV1</td> </tr> </tbody> </table>  |  |                     |  | Serial Number | Path Descriptor    | Waypoint Identifier | Fly Over       | Course °M(°T) | Magnetic Variation | Distance (NM)  | Turn Direction           | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification | 001 | IF | HIKNE | — | — | -7.8 | — | — | — | — | — | RNAV1 | 002 | TF | YME | — | 294 (286.3) | -7.8 | 53.0 | — | — | — | — | RNAV1 |
| Serial Number   | Path Descriptor                                    | Waypoint Identifier | Fly Over   | Course °M(°T) | Magnetic Variation | Distance (NM)       | Turn Direction | Altitude (FT) | Speed (KIAS)       | Vertical Angle | Navigation Specification |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| 001   | IF   | HIKNE               | —  | —             | -7.8               | —                   | —              | —             | —                  | —              | RNAV1                    |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| 002   | TF   | YME                 | —  | 294 (286.3)   | -7.8               | 53.0                | —              | —             | —                  | —              | RNAV1                    |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |
| <p>CHANGE : Critical DME.</p>   |  |                     |  |               |                    |                     |                |               |                    |                |                          |               |              |                |                          |     |    |       |   |   |      |   |   |   |   |   |       |     |    |     |   |             |      |      |   |   |   |   |       |

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV TRANSITION

| <u>PIONE TRANSITION</u> |                 |                     |          |                |                    |               |                |               |              |                |                          |
|-------------------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| Serial Number           | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
| 001                     | IF              | HIKNE               | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 002                     | TF              | WAKIT               | —        | 267<br>(259.0) | -7.8               | 62.7          | —              | —             | —            | —              | RNAV1                    |
| 003                     | TF              | PIONE               | —        | 252<br>(244.4) | -7.8               | 49.8          | —              | —             | —            | —              | RNAV1                    |

| <u>MIDER TRANSITION</u> |                 |                     |          |                |                    |               |                |               |              |                |                          |
|-------------------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| Serial Number           | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
| 001                     | IF              | HIKNE               | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 002                     | TF              | MIDER               | —        | 240<br>(232.6) | -7.8               | 21.7          | —              | —             | —            | —              | RNAV1                    |

CHANGE : VAR. Course FM HIKNE to WAKIT. MIDER TRANSITION established.

STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID

| TOYOTA THREE DEPARTURE  |                       | RNAV 1  |
|---|-----------------------|---|
| Note 1 ) DME/DME/IRU or GNSS required.<br>※The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.<br>2 ) RADAR service required. | Critical DME          | RWY18<br>KCC : 3.8NM to DEGNA – DEGNA<br>RWY36<br>KCC : 3.0NM from DER – 18.0NM to MORIZ<br>XMT : 20.0NM to MORIZ – 18.0NM to MORIZ |
|   | DME GAP               | RWY18 : DER – 2.0NM from DER<br>RWY36 : DER – 3.0NM from DER<br>18.0NM to MORIZ – 14.0NM to MORIZ                                   |
|   | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.  |

VAR 8°W(2020)

TOYOTA THREE DEPARTURE



CHANGE : VAR. PROC renamed. PROC course.

TOYOTA THREE DEPARTURE

RWY18 : Climb on HDG177° at or above 500FT, turn right direct to GG800, to DEGNA, to MORIZ.

RWY36 : Climb on HDG357° at or above 500FT, direct to PONTE, to ARESU, to MORIZ.

## STANDARD DEPARTURE CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV SID

## TOYOTA THREE DEPARTURE

## RWY18

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 177<br>(169.0) | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | GG800               | —        | —              | -7.8               | —             | R              | —             | —            | —              | RNAV1                    |
| 003           | TF              | DEGNA               | —        | 357<br>(348.8) | -7.8               | 5.8           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | MORIZ               | —        | 084<br>(076.0) | -7.8               | 27.4          | —              | —             | —            | —              | RNAV1                    |

## RWY36

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | VA              | —                   | —        | 357<br>(349.0) | -7.8               | —             | —              | +500          | —            | —              | RNAV1                    |
| 002           | DF              | PONTE               | —        | —              | -7.8               | —             | —              | —             | —            | —              | RNAV1                    |
| 003           | TF              | ARESU               | —        | 045<br>(037.7) | -7.8               | 3.6           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | MORIZ               | —        | 106<br>(098.6) | -7.8               | 22.5          | —              | —             | —            | —              | RNAV1                    |

CHANGE : VAR. PROC renamed. PROC course.

STANDARD DEPARTURE CHART -INSTRUMENT

| RJGG / CHUBU CENTRAIR  |    | RNAV TRANSITION       |   |                |      |      |   |        |   |   |   |       |
|--|----|-----------------------|---|----------------|------|------|---|--------|---|---|---|-------|
| IIDA TRANSITION  |    | RNAV 1                |   |                |      |      |   |        |   |   |   |       |
| Note 1 ) DME/DME/IRU or GNSS required.<br>2 ) RADAR service required.  |    | Critical DME          | XMT : 3.7NM to TSUGU – TSUGU<br>KCC : MORIZ – TSUGU<br>NJT : 1.6NM to CHAUS – CHAUS |                |      |      |   |        |   |   |   |       |
|  |    | DME GAP               | –   |                |      |      |   |        |   |   |   |       |
|  |    | Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.                                  |                |      |      |   |        |   |   |   |       |
| <b>VAR 8°W(2020)</b>   |    |                       |   |                |      |      |   |        |   |   |   |       |
| <b>IIDA TRANSITION</b><br>From MORIZ, to TSUGU, to CHAUS at or above FL150.  |    |                       |   |                |      |      |   |        |   |   |   |       |
| <b>IIDA TRANSITION</b>   |    |                       |   |                |      |      |   |        |   |   |   |       |
| Serial Number    Path Descriptor    Waypoint Identifier    Fly Over    Course °M(°T)    Magnetic Variation    Distance (NM)    Turn Direction    Altitude (FT)    Speed (KIAS)    Vertical Angle    Navigation Specification |    |                       |   |                |      |      |   |        |   |   |   |       |
| 001  | IF | MORIZ                 | –   | –              | -7.8 | –    | – | –      | – | – | – | RNAV1 |
| 002  | TF | TSUGU                 | –   | 068<br>(060.0) | -7.8 | 28.7 | – | –      | – | – | – | RNAV1 |
| 003  | TF | CHAUS                 | –   | 067<br>(059.6) | -7.8 | 17.6 | – | +FL150 | – | – | – | RNAV1 |

CHANGE : VAR. Course FM MORIZ to TSUGU.

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STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

STAR RWY36

SOUTH ARC ARRIVAL

From over CARDS, via CBE R225, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....  
 From over CHESS, via CBE R340, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....  
 From over SWING, via CBE R042, turn left ,via CBE 21.0DME clockwise ARC, turn right....  
 From over SLIDE, via CBE R056, turn left, via CBE 21.0DME clockwise ARC, turn right....  
 From over TRIKE, via CBE R106,turn left ,via CBE 21.0DME clockwise ARC, turn right....  
 From over BIWWA, via CBE R308, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....

for ILS Z RWY36 and LOC Z RWY36 :

....to intercept and proceed via ICX-LOC to PROBE.

Cross CBE R209 at or above 6000FT, cross CBE R196 at or above 5000FT(when started from CARDS or BIWWA or CHESS).

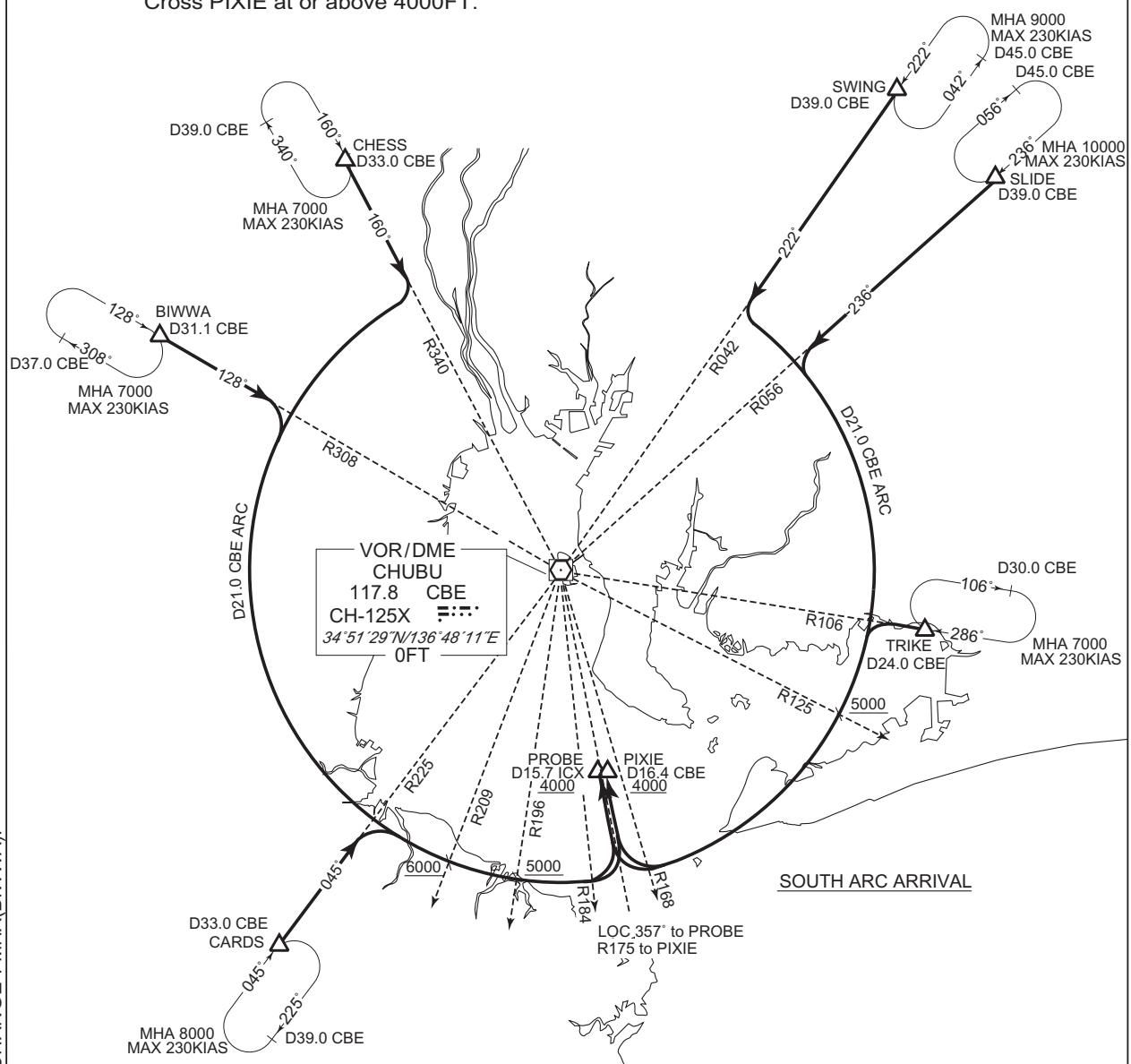
Cross CBE R125 at or above 5000FT(when started from SWING or SLIDE or TRIKE).  
 Cross PROBE at or above 4000FT.

for VOR RWY36:

....to intercept and proceed via CBE R175 to PIXIE.

Cross CBE R209 at or above 6000FT, cross CBE R196 at or above 5000FT(when started from CARDS or BIWWA or CHESS ).

Cross CBE R125 at or above 5000FT(when started from SWING or SLIDE or TRIKE).  
 Cross PIXIE at or above 4000FT.



## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

STAR RWY18

NORTH ARC ARRIVAL

From over CARDS, via CBE R225, turn left, via CBE 21.0DME clockwise ARC, turn right....  
 From over CHESS, via CBE R340 turn left, via CBE 21.0DME clockwise ARC, turn right....  
 From over SWING, via CBE R042 turn right, via CBE 21.0DME counterclockwise ARC, turn left....  
 From over SLIDE, via CBE R056 turn right, via CBE 21.0DME counterclockwise ARC, turn left....  
 From over TRIKE, via CBE R106 turn right, via CBE 21.0DME counterclockwise ARC, turn left....  
 From over BIWWA, via CBE R308 turn left, via CBE 21.0DME clockwise ARC, turn right....

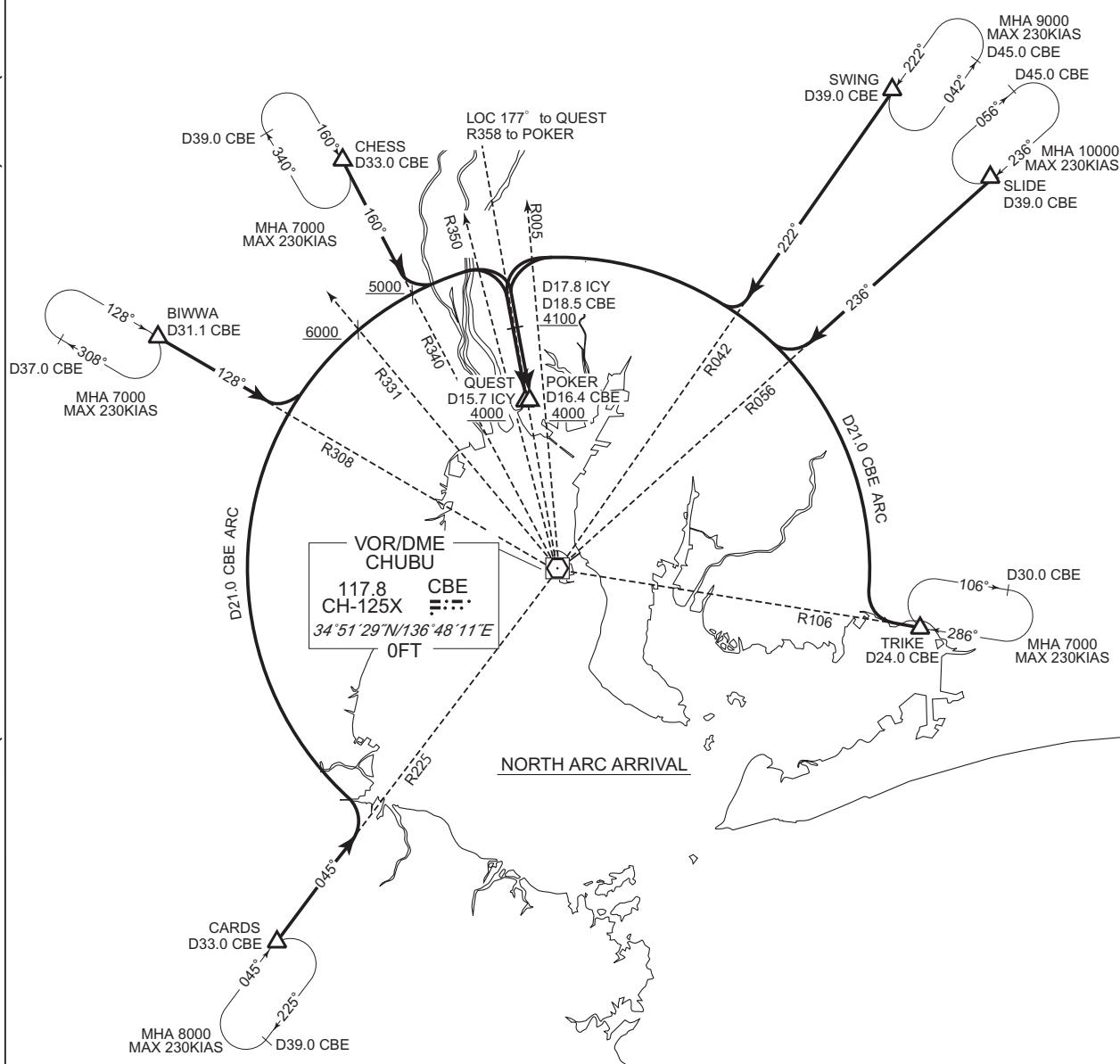
for ILS Z RWY18 and LOC Z RWY18 :

....to intercept and proceed via ICY-LOC to QUEST.  
 Cross CBE R331 at or above 6000FT, (when started from CARDS or BIWWA)  
 Cross CBE R340 at or above 5000FT (when started from CARDS or BIWWA or CHESS).  
 Cross ICY 17.8DME at or above 4100FT, cross QUEST at or above 4000FT.

for VOR RWY18 :

....to intercept and proceed via CBE R358 to POKER.  
 Cross CBE R331 at or above 6000FT, (when started from CARDS or BIWWA)  
 Cross CBE R340 at or above 5000FT (when started from CARDS or BIWWA or CHESS).  
 Cross CBE R358/18.5DME at or above 4100FT, cross POKER at or above 4000FT.

CHANGE : ALT restriction(Intersection of D21.0 CBE ARC and CBE R340). MHA(BIWWA).



STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

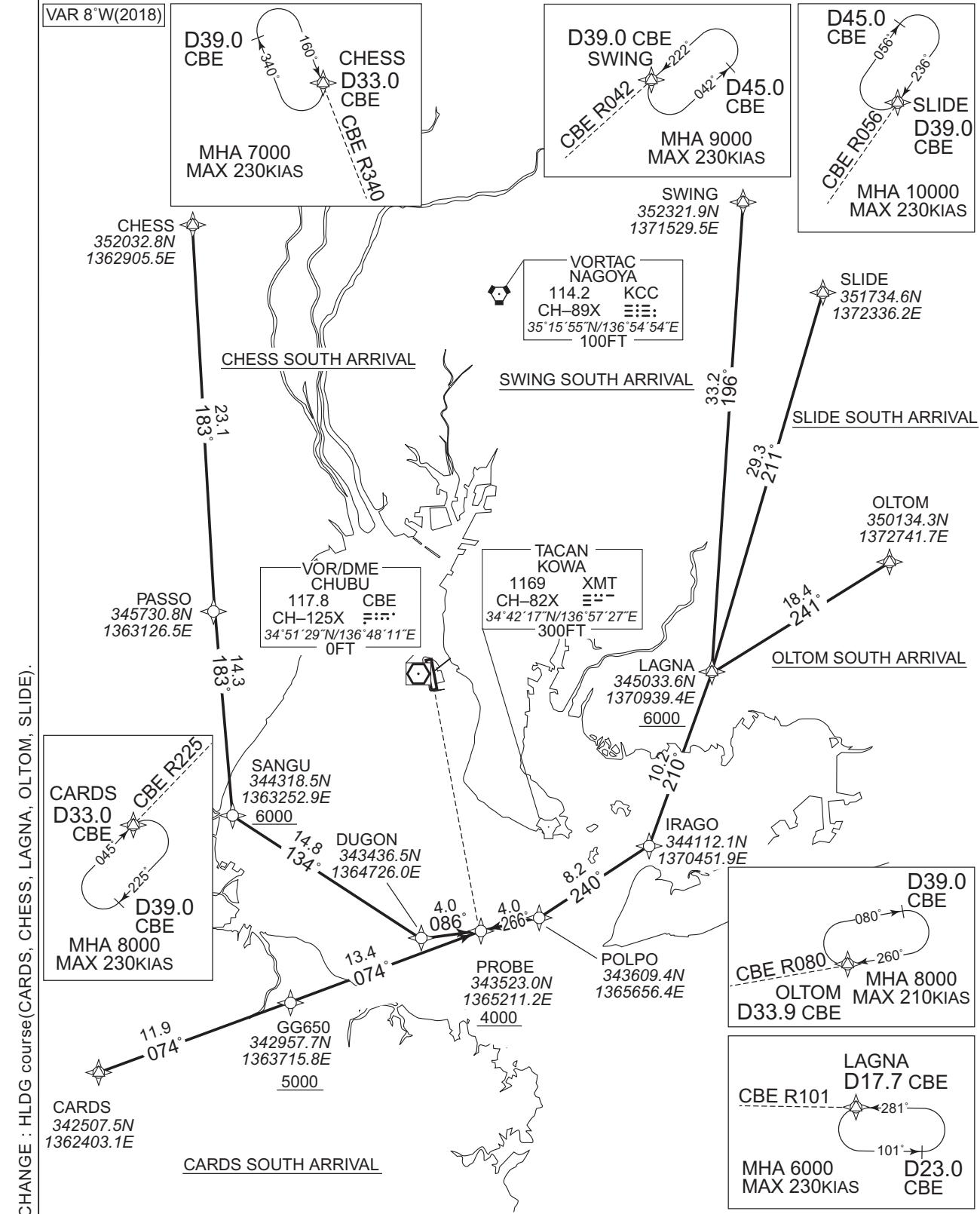
RNAV STAR RWY36

CARDS SOUTH ARRIVAL / CHESS SOUTH ARRIVAL  
SWING SOUTH ARRIVAL / SLIDE SOUTH ARRIVAL  
OLTOM SOUTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.  
2) RADAR service required.

VAR 8°W(2018)



## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY36

CARDS SOUTH ARRIVAL

From CARDS, to GG650 at or above 5000FT, to PROBE at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | XMT : 10.0NM to PROBE~PROBE                        |
| DME GAP               | —  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1. |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CARDS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | GG650               | —        | 074<br>(066.0) | -7.6               | 11.9          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | PROBE               | —        | 074<br>(066.1) | -7.6               | 13.4          | —              | +4000         | —            | —              | RNAV1                    |

CHESS SOUTH ARRIVAL

From CHESS, to PASSO, to SANGU at or above 6000FT, to DUGON, to PROBE at or above 4000FT.

|                       |   |
|-----------------------|---|
| Critical DME          | CBE : 19.1NM to PASSO~5.1NM to PASSO<br>KCC : PASSO~4.2NM to SANGU<br>XMT : 11.0NM to DUGON~PROBE |
| DME GAP               | —   |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1.  |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CHESS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | PASSO               | —        | 183<br>(175.2) | -7.6               | 23.1          | —              | —             | —            | —              | RNAV1                    |
| 003           | TF              | SANGU               | —        | 183<br>(175.2) | -7.6               | 14.3          | —              | +6000         | —            | —              | RNAV1                    |
| 004           | TF              | DUGON               | —        | 134<br>(125.9) | -7.6               | 14.8          | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | PROBE               | —        | 086<br>(078.8) | -7.6               | 4.0           | —              | +4000         | —            | —              | RNAV1                    |

CHANGE : VAR

STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY36

SWING SOUTH ARRIVAL

From SWING, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | KCC : SWING~12.1NM to LAGNA<br>IRAGO~3.0NM to POLPO<br>CBE, XMT : 3.0NM to PROBE~PROBE |
| DME GAP               | 3.0NM to POLPO~3.0NM to PROBE  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.                                     |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SWING               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | LAGNA               | —        | 196<br>(188.3) | -7.6               | 33.2          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | IRAGO               | —        | 210<br>(202.8) | -7.6               | 10.2          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | POLPO               | —        | 240<br>(232.3) | -7.6               | 8.2           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | PROBE               | —        | 266<br>(258.8) | -7.6               | 4.0           | —              | +4000         | —            | —              | RNAV1                    |

SLIDE SOUTH ARRIVAL

From SLIDE, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | KCC : SLIDE~10.3NM to LAGNA<br>IRAGO~3.0NM to POLPO<br>CBE, XMT : 3.0NM to PROBE~PROBE |
| DME GAP               | 3.0NM to POLPO ~ 3.0NM to PROBE  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.                                     |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SLIDE               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | LAGNA               | —        | 211<br>(203.0) | -7.6               | 29.3          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | IRAGO               | —        | 210<br>(202.8) | -7.6               | 10.2          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | POLPO               | —        | 240<br>(232.3) | -7.6               | 8.2           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | PROBE               | —        | 266<br>(258.8) | -7.6               | 4.0           | —              | +4000         | —            | —              | RNAV1                    |

CHANGE : VAR

## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY36

OLTOM SOUTH ARRIVAL

From OLTOM, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

|                       |   |
|-----------------------|---|
| Critical DME          | KCC : IRAGO~3.0NM to POLPO<br>XMT, CBE : 3.0NM to PROBE~PROBE |
| DME GAP               | 3.0NM to POLPO~3.0NM to PROBE                                 |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1.            |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | OLTOM               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | LAGNA               | —        | 241<br>(233.4) | -7.6               | 18.4          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | IRAGO               | —        | 210<br>(202.8) | -7.6               | 10.2          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | POLPO               | —        | 240<br>(232.3) | -7.6               | 8.2           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | PROBE               | —        | 266<br>(258.8) | -7.6               | 4.0           | —              | +4000         | —            | —              | RNAV1                    |

CHANGE : New PROC (OLTOM SOUTH), Abolition PROC (DARTS SOUTH)

STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

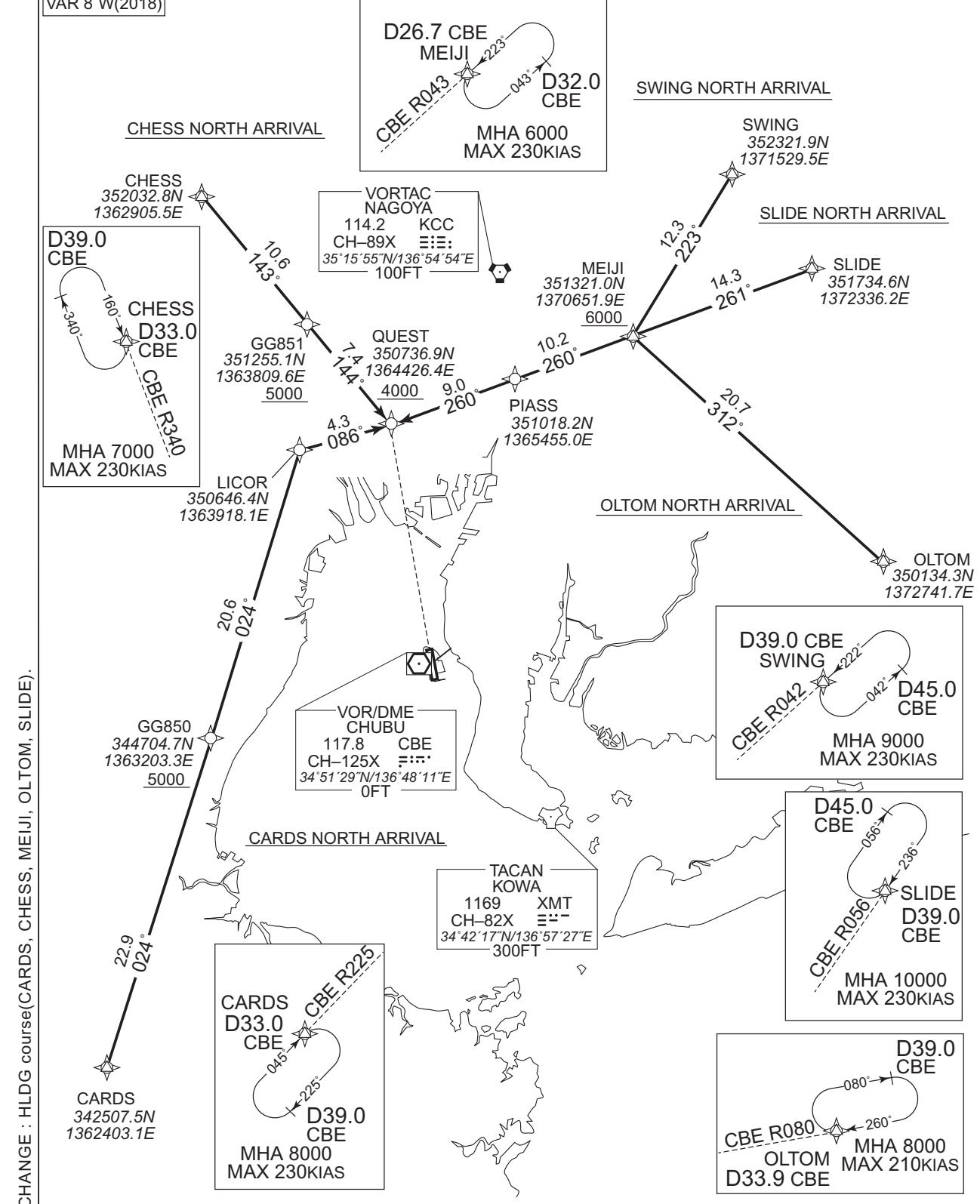
RNAV STAR RWY18

CARDS NORTH ARRIVAL / CHESS NORTH ARRIVAL  
SWING NORTH ARRIVAL / SLIDE NORTH ARRIVAL  
OLTOM NORTH ARRIVAL

RNAV 1

Note 1) DME/DME/IRU or GNSS required.  
2) RADAR service required.

VAR 8°W(2018)



## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

CARDS NORTH ARRIVAL

From CARDS, to GG850 at or above 5000FT, to LICOR, to QUEST at or above 4000FT.

|                       |   |
|-----------------------|---|
| Critical DME          | KCC : 17.5NM to LICOR~10.5NM to LICOR<br>7.0NM to LICOR~QUEST |
| DME GAP               | —   |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.            |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CARDS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | GG850               | —        | 024<br>(016.7) | -7.6               | 22.9          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | LICOR               | —        | 024<br>(016.8) | -7.6               | 20.6          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | QUEST               | —        | 086<br>(078.7) | -7.6               | 4.3           | —              | +4000         | —            | —              | RNAV1                    |

CHESS NORTH ARRIVAL

From CHESS, to GG851 at or above 5000FT, to QUEST at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | CBE : 5.6NM to GG851~GG851<br>KCC : GG851~QUEST    |
| DME GAP               | —  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CHESS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | GG851               | —        | 143<br>(135.8) | -7.6               | 10.6          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | QUEST               | —        | 144<br>(135.9) | -7.6               | 7.4           | —              | +4000         | —            | —              | RNAV1                    |

STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

SWING NORTH ARRIVAL

From SWING, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | KCC : SWING~1.0NM to PIASS<br>6.0NM to QUEST~QUEST<br>CBE : 2.0NM to PIASS~1.0NM to PIASS<br>XMT : 6.0NM to QUEST~3.0NM to QUEST |
| DME GAP               | 1.0NM to PIASS~6.0NM to QUEST  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.   |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SWING               | –        | –              | -7.6               | –             | –              | –             | –            | –              | RNAV1                    |
| 002           | TF              | MEIJI               | –        | 223<br>(215.1) | -7.6               | 12.3          | –              | +6000         | –            | –              | RNAV1                    |
| 003           | TF              | PIASS               | –        | 260<br>(252.7) | -7.6               | 10.2          | –              | –             | –            | –              | RNAV1                    |
| 004           | TF              | QUEST               | –        | 260<br>(252.6) | -7.6               | 9.0           | –              | +4000         | –            | –              | RNAV1                    |

SLIDE NORTH ARRIVAL

From SLIDE, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | KCC : SLIDE~1.0NM to PIASS<br>6.0NM to QUEST~QUEST<br>CBE : 2.0NM to PIASS~1.0NM to PIASS<br>XMT : 6.0NM to QUEST~3.0NM to QUEST |
| DME GAP               | 1.0NM to PIASS~6.0NM to QUEST  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.   |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SLIDE               | –        | –              | -7.6               | –             | –              | –             | –            | –              | RNAV1                    |
| 002           | TF              | MEIJI               | –        | 261<br>(252.9) | -7.6               | 14.3          | –              | +6000         | –            | –              | RNAV1                    |
| 003           | TF              | PIASS               | –        | 260<br>(252.7) | -7.6               | 10.2          | –              | –             | –            | –              | RNAV1                    |
| 004           | TF              | QUEST               | –        | 260<br>(252.6) | -7.6               | 9.0           | –              | +4000         | –            | –              | RNAV1                    |

CHANGE : VAR

## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

## OLTOM NORTH ARRIVAL

From OLTOM, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

|                       |  |
|-----------------------|--|
| Critical DME          | KCC : MEIJI~1.0NM to PIASS<br>6.0NM to QUEST~QUEST<br>CBE : 2.0NM to PIASS~1.0NM to PIASS<br>XMT : 6.0NM to QUEST~3.0NM to QUEST |
| DME GAP               | 1.0NM to PIASS~6.0NM to QUEST  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.   |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | OLTOM               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | MEIJI               | —        | 312<br>(304.8) | -7.6               | 20.7          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | PIASS               | —        | 260<br>(252.7) | -7.6               | 10.2          | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | QUEST               | —        | 260<br>(252.6) | -7.6               | 9.0           | —              | +4000         | —            | —              | RNAV1                    |

CHANGE : New PROC (OLTOM NORTH), Abolition PROC (DARTS NORTH)

STANDARD ARRIVAL CHART -INSTRUMENT



## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

CARDS MARINE ARRIVAL

From CARDS, to ATENA at or above 5000FT, to SOLON, to MINEL at or above 3500FT.

|                       |  |  |  |
|-----------------------|--|--|--|
| Critical DME          | KCC : 4.0NM to SOLON~MINEL                         |  |  |
| DME GAP               | —  |  |  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1. |  |  |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CARDS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | ATENA               | —        | 038<br>(030.2) | -7.6               | 29.4          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | SOLON               | —        | 356<br>(348.8) | -7.6               | 6.3           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | MINEL               | —        | 011<br>(003.7) | -7.6               | 3.3           | —              | +3500         | —            | —              | RNAV1                    |

CHESS MARINE ARRIVAL

From CHESS, to KUMOZ at or above 6000FT, to ISUZU, to SOLON, to MINEL at or above 3500FT.

|                       |  |  |  |
|-----------------------|--|--|--|
| Critical DME          | CBE : 30.3NM to KUMOZ~16.3NM to KUMOZ<br>KCC : 9.3NM to KUMOZ~2.3NM to KUMOZ<br>4.0NM to SOLON~MINEL |  |  |
| DME GAP               | —  |  |  |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDS for RNAV1.   |  |  |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | CHESS               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | KUMOZ               | —        | 178<br>(170.6) | -7.6               | 34.3          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | ISUZU               | —        | 086<br>(078.6) | -7.6               | 5.7           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | SOLON               | —        | 356<br>(348.8) | -7.6               | 9.0           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | MINEL               | —        | 011<br>(003.7) | -7.6               | 3.3           | —              | +3500         | —            | —              | RNAV1                    |

STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

SWING MARINE ARRIVAL

From SWING, to CBE at or above 5000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

|                       |   |
|-----------------------|---|
| Critical DME          | KCC : SWING~15.9NM to CBE<br>3.0NM to CBE~2.0NM to ATENA<br>4.0NM to SOLON~MINEL<br>CBE : 15.9NM to CBE~3.0NM to CBE<br>XMT : 5.9NM to CBE~2.0NM to ATENA |
| DME GAP               | —   |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.  |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SWING               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | CBE                 | —        | 223<br>(215.1) | -7.6               | 39.0          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | ATENA               | —        | 266<br>(258.7) | -7.6               | 5.1           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | SOLON               | —        | 356<br>(348.8) | -7.6               | 6.3           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | MINEL               | —        | 011<br>(003.7) | -7.6               | 3.3           | —              | +3500         | —            | —              | RNAV1                    |

SLIDE MARINE ARRIVAL

From SLIDE, to CBE at or above 6000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

|                       |   |
|-----------------------|---|
| Critical DME          | KCC : SLIDE~20.0NM to CBE<br>CBE~2.0NM to ATENA<br>4.0NM to SOLON~MINEL<br>CBE : 14.0NM to CBE~3.0NM to CBE<br>XMT : CBE~2.0NM to ATENA |
| DME GAP               | —   |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.  |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | SLIDE               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | CBE                 | —        | 236<br>(228.2) | -7.6               | 39.0          | —              | +6000         | —            | —              | RNAV1                    |
| 003           | TF              | ATENA               | —        | 266<br>(258.7) | -7.6               | 5.1           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | SOLON               | —        | 356<br>(348.8) | -7.6               | 6.3           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | MINEL               | —        | 011<br>(003.7) | -7.6               | 3.3           | —              | +3500         | —            | —              | RNAV1                    |

CHANGE : VAR

## STANDARD ARRIVAL CHART -INSTRUMENT

RJGG / CHUBU CENTRAIR

RNAV STAR RWY18

OLTOM MARINE ARRIVAL

From OLTOM, to CBE at or above 5000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

|                       |   |
|-----------------------|---|
| Critical DME          | KCC : CBE~2.0NM to ATENA<br>4.0NM to SOLON~MINEL<br>XMT : 3.0NM to CBE~2.0NM to ATENA |
| DME GAP               | —   |
| Inappropriate Navaids | See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.                                    |

| Serial Number | Path Descriptor | Waypoint Identifier | Fly Over | Course °M(°T)  | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KIAS) | Vertical Angle | Navigation Specification |
|---------------|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|--------------|----------------|--------------------------|
| 001           | IF              | OLTOM               | —        | —              | -7.6               | —             | —              | —             | —            | —              | RNAV1                    |
| 002           | TF              | CBE                 | —        | 261<br>(252.9) | -7.6               | 33.9          | —              | +5000         | —            | —              | RNAV1                    |
| 003           | TF              | ATENA               | —        | 266<br>(258.7) | -7.6               | 5.1           | —              | —             | —            | —              | RNAV1                    |
| 004           | TF              | SOLON               | —        | 356<br>(348.8) | -7.6               | 6.3           | —              | —             | —            | —              | RNAV1                    |
| 005           | TF              | MINEL               | —        | 011<br>(003.7) | -7.6               | 3.3           | —              | +3500         | —            | —              | RNAV1                    |

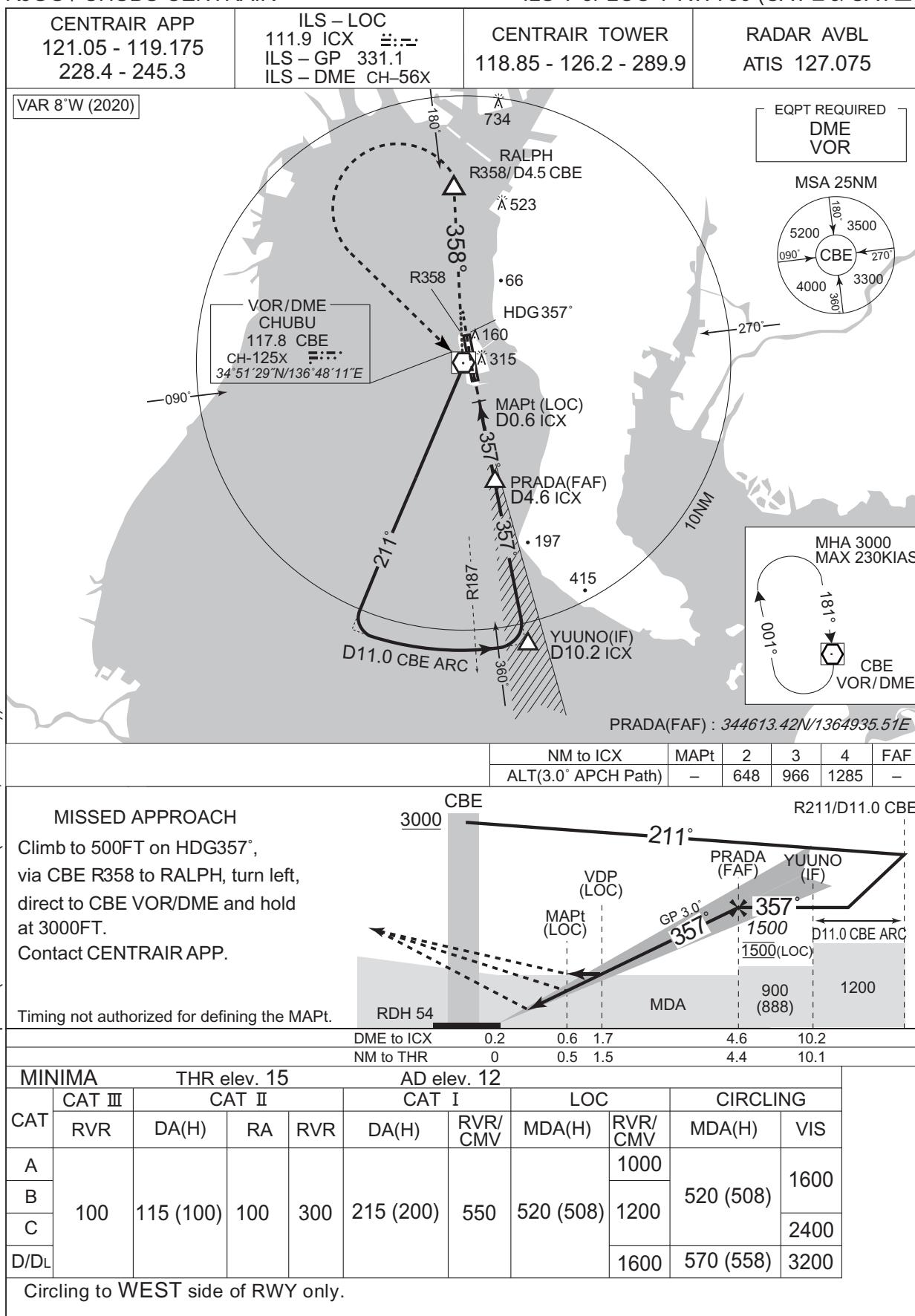
INSTRUMENT APPROACH CHART



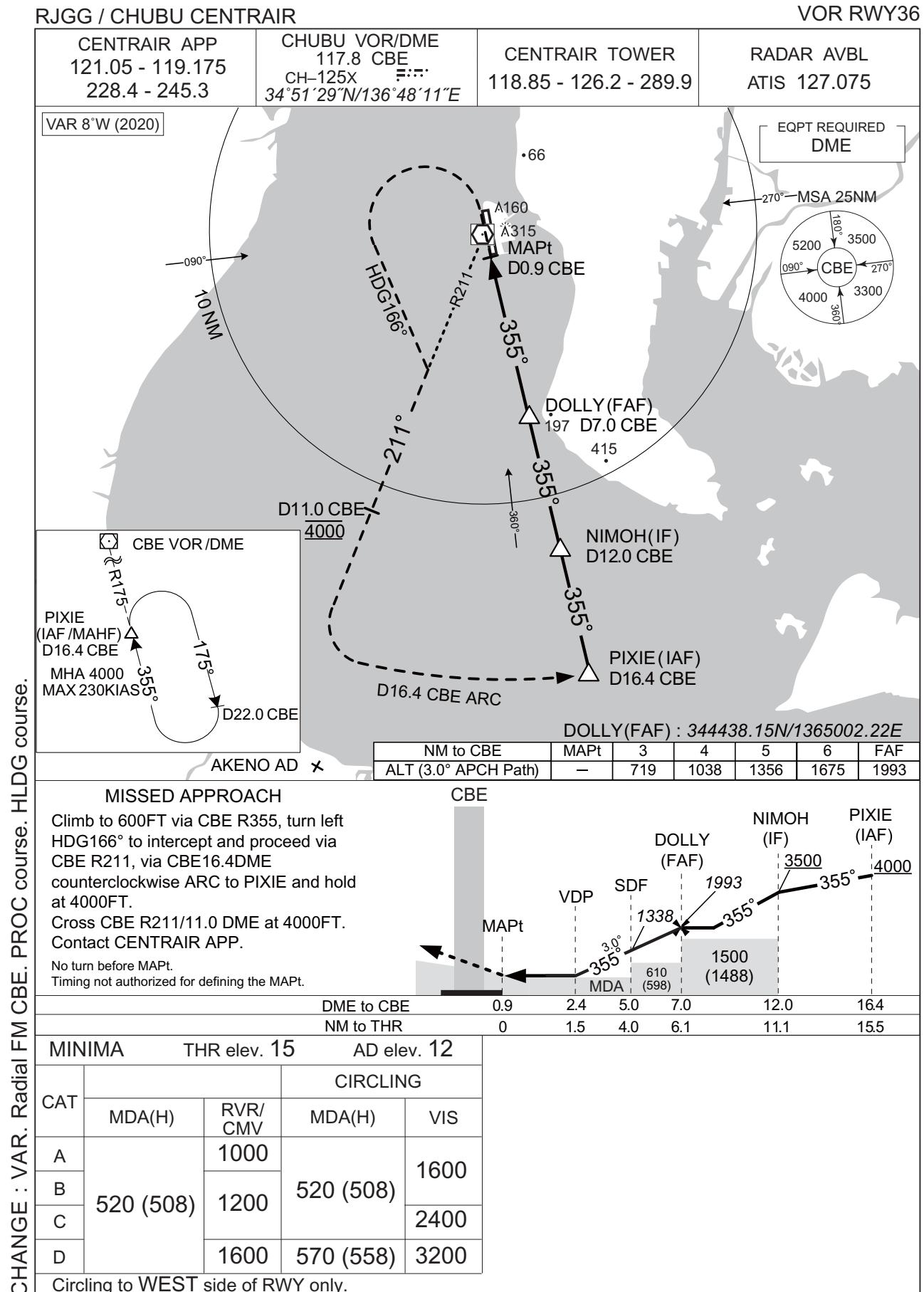
## INSTRUMENT APPROACH CHART

RJGG / CHUBU CENTRAIR

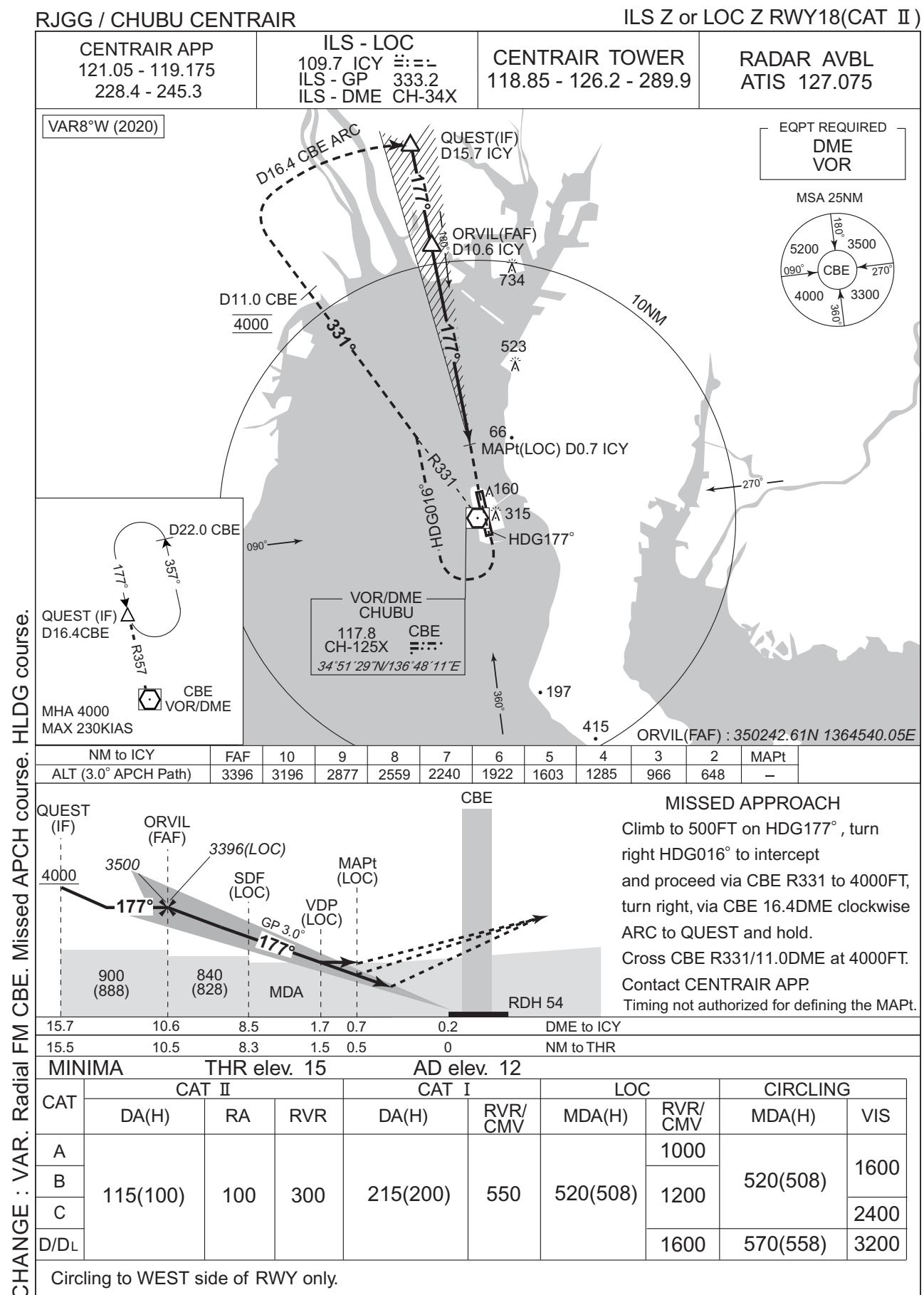
ILS Y or LOC Y RWY36 (CAT II &amp; CAT III)



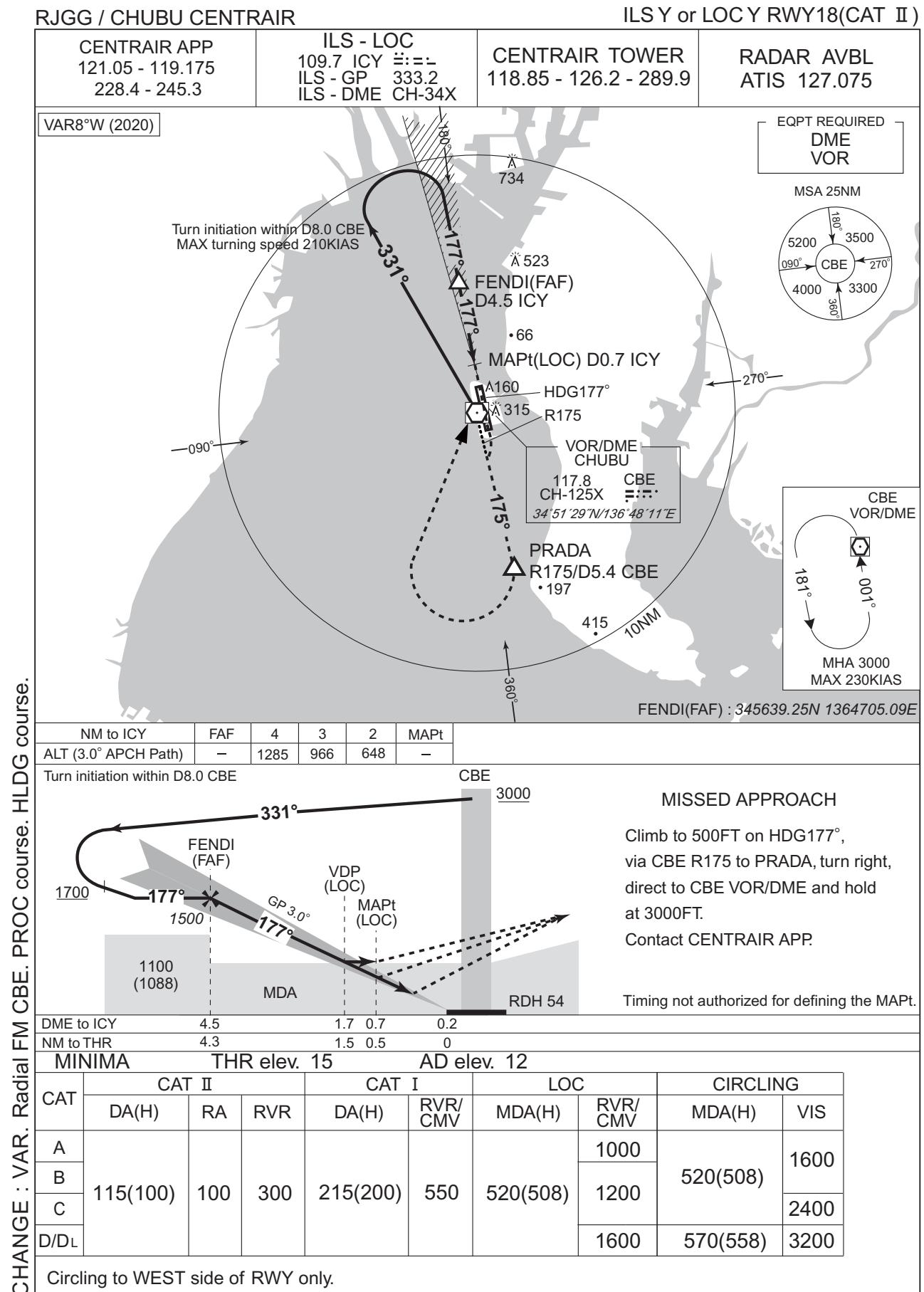
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART



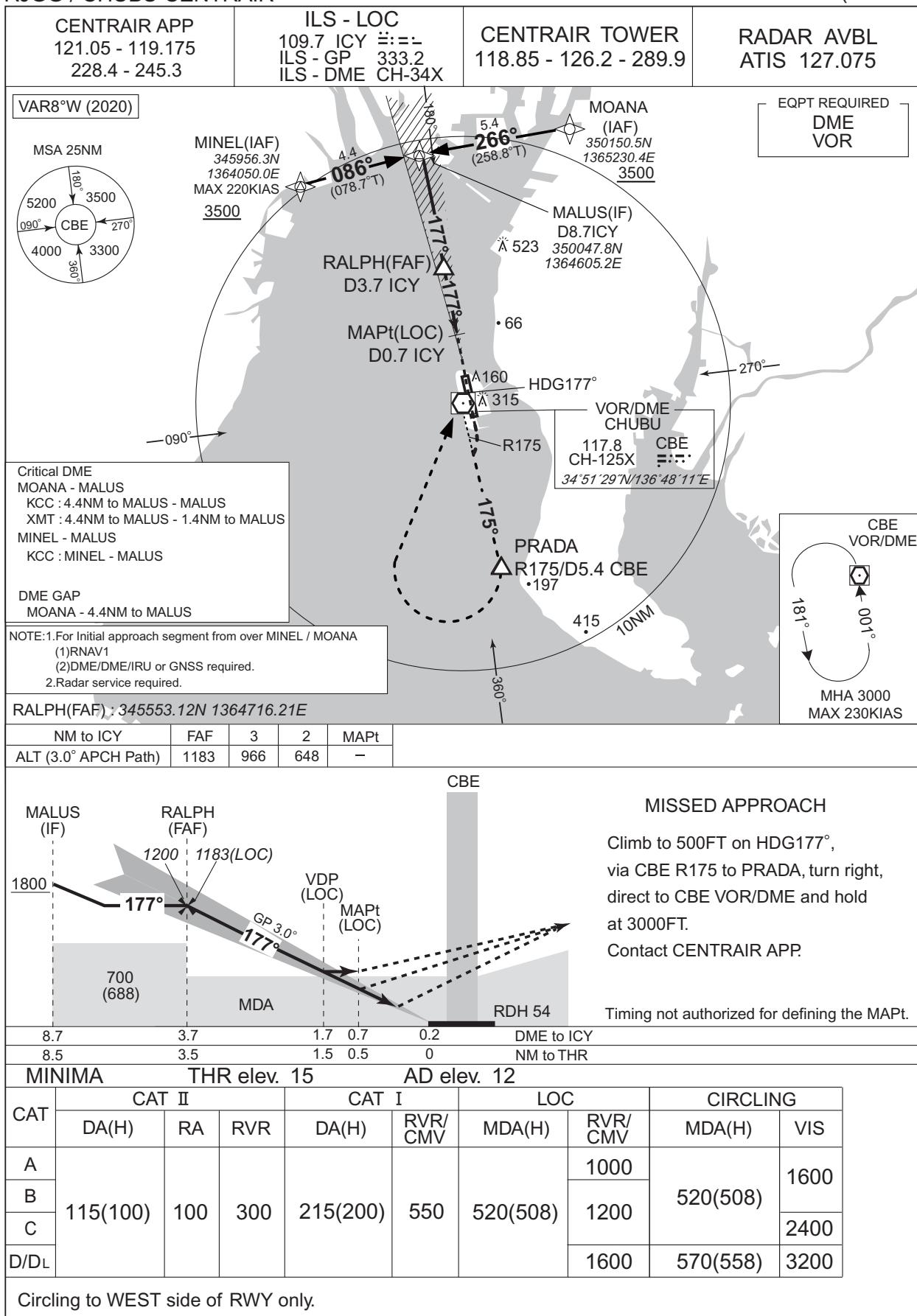
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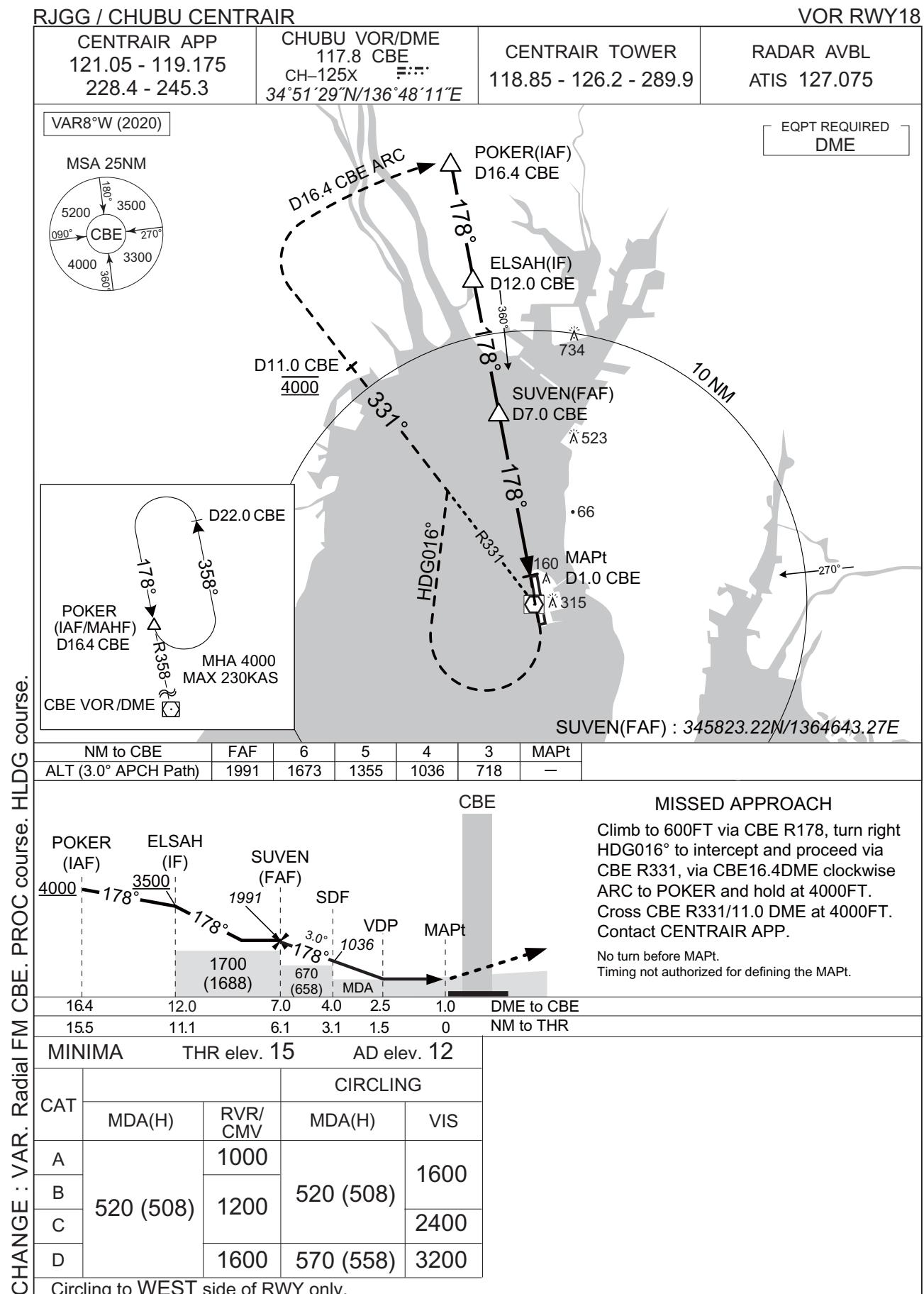
## INSTRUMENT APPROACH CHART

RJGG / CHUBU CENTRAIR

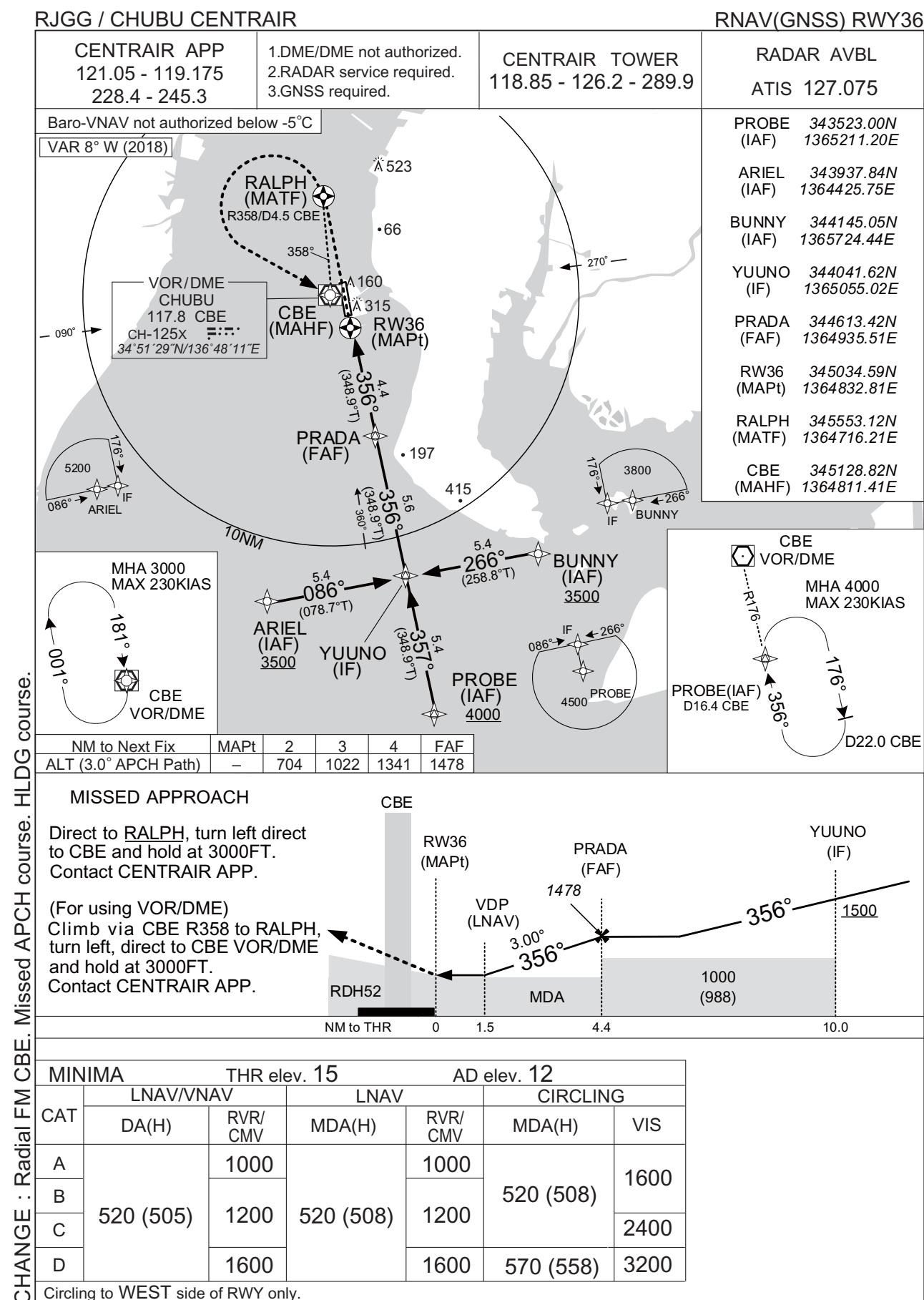
ILS X or LOC X RWY18(CAT II)



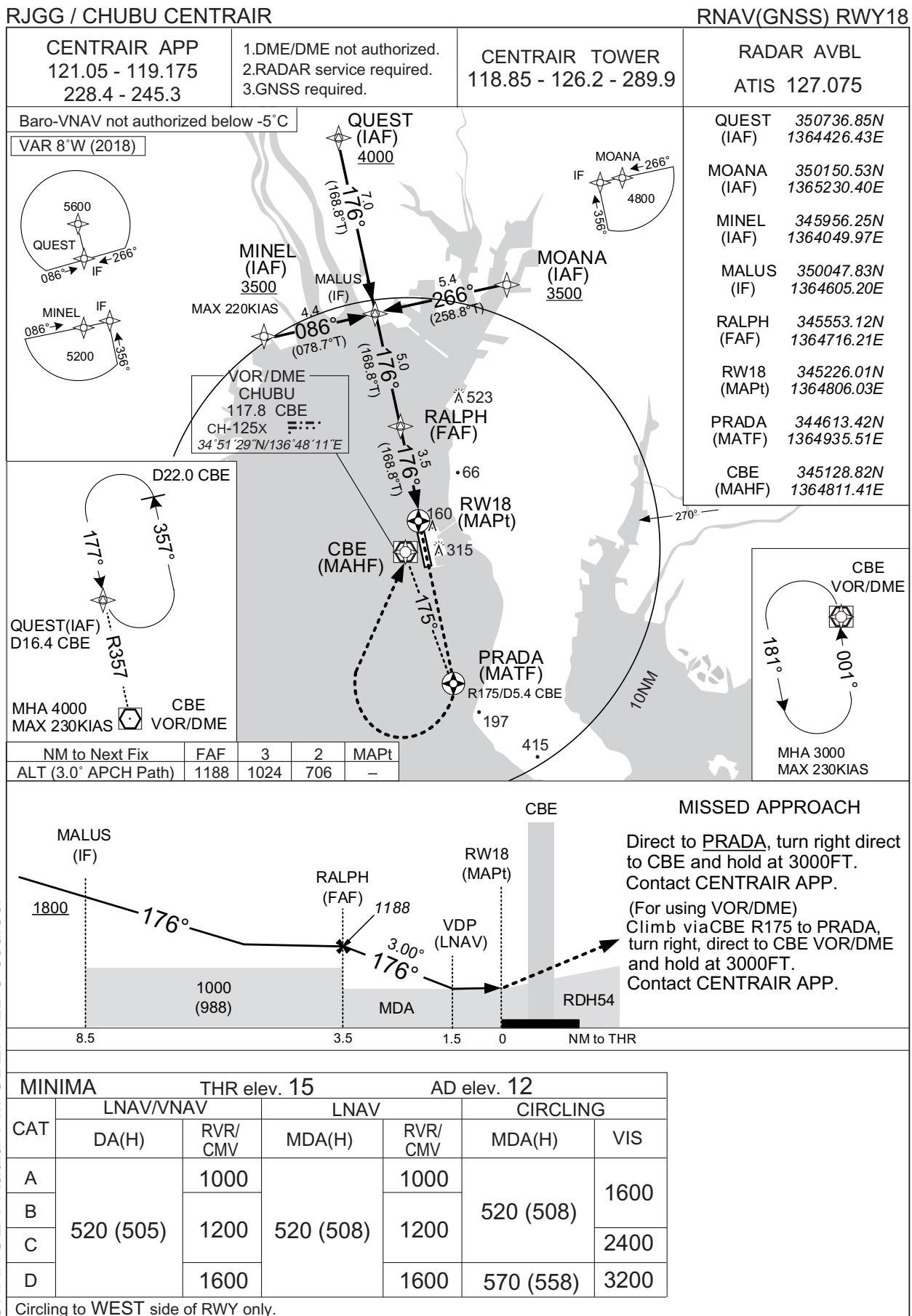
INSTRUMENT APPROACH CHART



## INSTRUMENT APPROACH CHART



INSTRUMENT APPROACH CHART



RJGG / CHUBU CENTRAIR

Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

| Call sign              | BRG / DIST from ARP | Remarks                            |
|------------------------|---------------------|------------------------------------|
| ジャンクション<br>Junction    | 060°T / 5.4NM       | 半田中央ジャンクション<br>HANDA-CHUO Junction |
| ウエストポイント<br>West Point | 270°T / 6.0NM       | 海上<br>Over the sea                 |
| 白子<br>Shiroko          | 262°T / 10.8NM      | 近鉄白子駅<br>SHIROKO Station           |
| 美浜<br>Mihamma          | 130°T / 5.7NM       | 美浜インターチェンジ<br>MIHAMMA Interchange  |

CHANGE : VAR.

## RJGG / CHUBU CENTRAIR

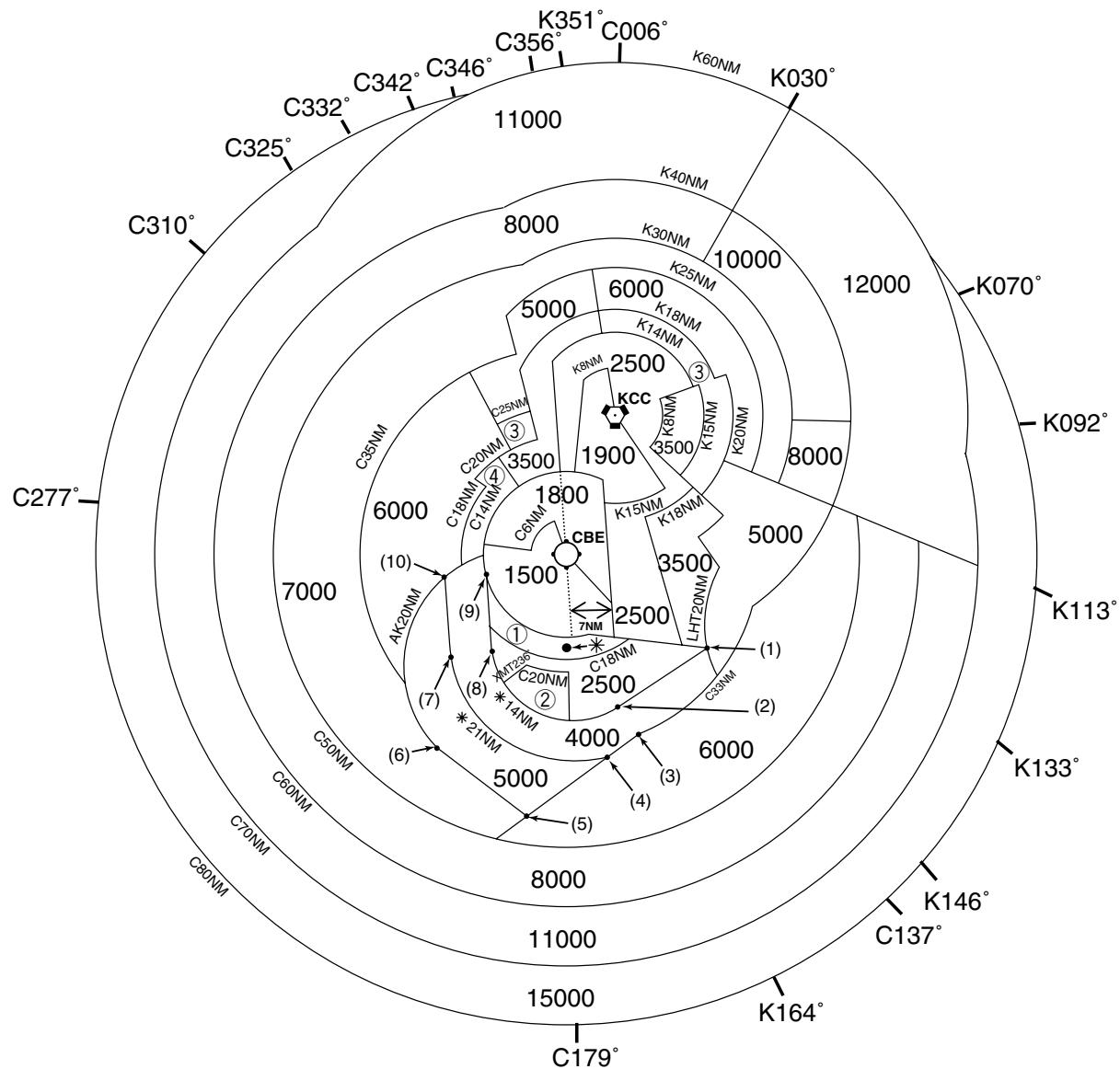
## LDG CHART



RJGG / CHUBU CENTRAIR

Minimum Vectoring Altitude CHART

VAR 7°W (2009)



CENTER : 345129N/1364811E (C : CBE)  
CENTER : 351555N/1365454E (K : KCC)  
\* : 343722N/1365140E