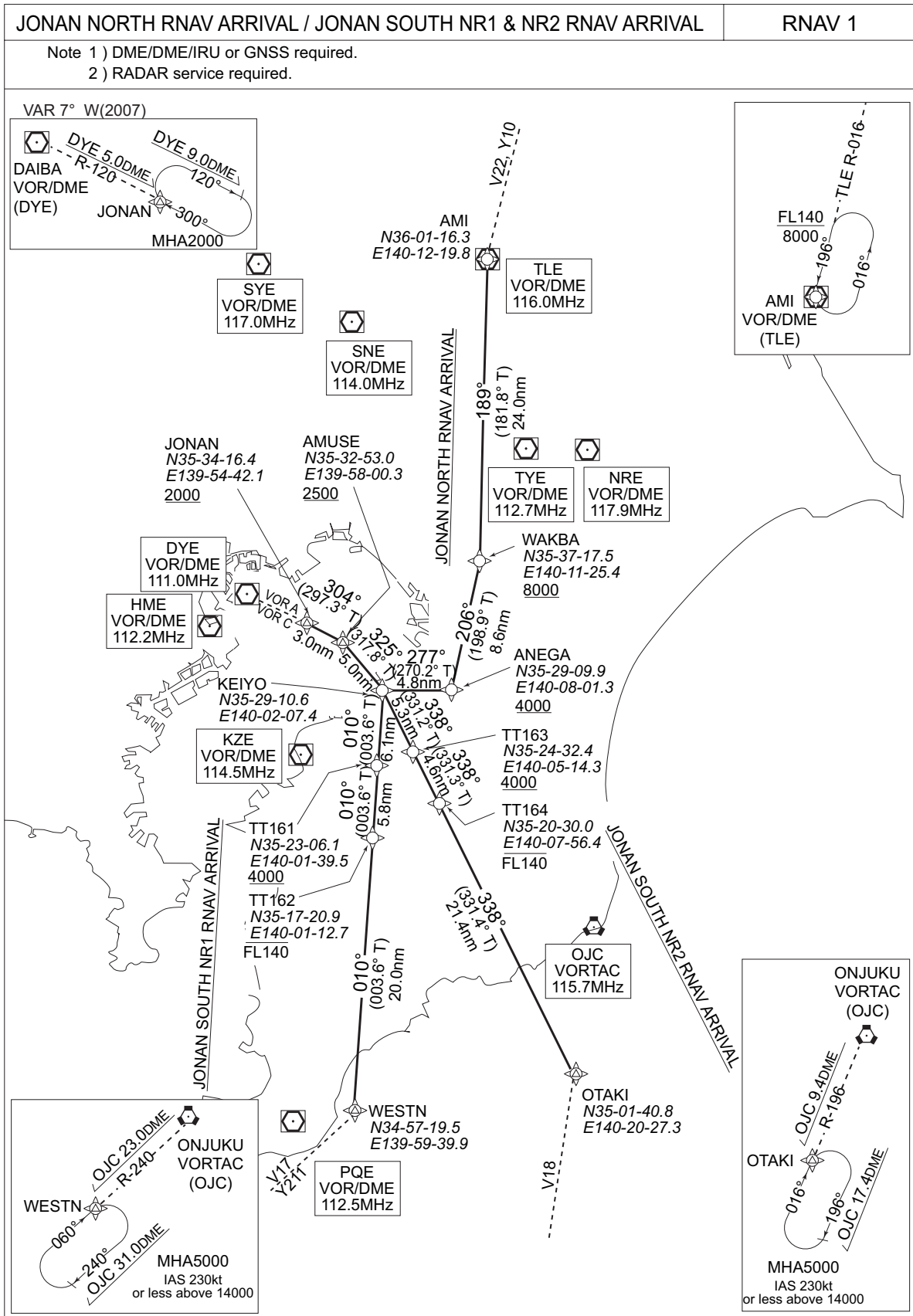


STANDARD ARRIVAL CHART-INSTRUMENT

RJTT / TOKYO INTL

RNAV STAR
RWY16L/16R



RJTT / TOKYO INTL

RNAV STAR
RWY16L/16R

JONAN NORTH RNAV ARRIVAL

From TLE, to WAKBA at or above 8,000ft, to ANEGA at or above 4,000ft, to KEIYO, to AMUSE at or above 2,500ft, to JONAN at or above 2,000ft.

| FIX | DESIGNATION | COORDINATES | | Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (ft.) | Speed Limit (kt) | Vertical Angle | Navigation Performance |
|------------------------|---|-------------|------------|-----------------------|------------------------|----------|---------------|------------------------|----------------|----------------|------------------|----------------|------------------------|
| | | | | | | | | | | | | | |
| | AMI (TLE) | 360116.3N | 1401219.8E | | | | | | | | | | |
| | WAKBA | 353717.5N | 1401125.4E | | | | | | | | | | |
| | ANEGA | 352909.9N | 1400801.3E | | | | | | | | | | |
| | KEIYO | 352910.6N | 1400207.4E | | | | | | | | | | |
| | AMUSE | 353253.0N | 1395800.3E | | | | | | | | | | |
| | JONAN | 353416.4N | 1395442.1E | | | | | | | | | | |
| Critical DME | - | | | | | | | | | | | | |
| DME GAP | - | | | | | | | | | | | | |
| Inappropriate Nav aids | See General Rule 3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | |
| | | | | IF | TLE | - | - | - | - | - | - | - | RNAV1 |
| | | | | TF | WAKBA | - | 24.0 | 189° (181.8°) | - | +8000 | - | - | RNAV1 |
| | | | | TF | ANEGA | - | 8.6 | 206° (198.9°) | - | +4000 | - | - | RNAV1 |
| | | | | TF | KEIYO | - | 4.8 | 277° (270.2°) | - | - | - | - | RNAV1 |
| | | | | TF | AMUSE | - | 5.0 | 325° (317.8°) | - | +2500 | - | - | RNAV1 |
| | | | | TF | JONAN | - | 3.0 | 304° (297.3°) | - | +2000 | - | - | RNAV1 |

JONAN SOUTH NR1 RNAV ARRIVAL

From WESTN, to TT162 at or below FL140, to TT161 at or above 4,000ft to KEIYO, to AMUSE at or above 2,500ft, to JONAN at or above 2,000ft.

| FIX | DESIGNATION | COORDINATES | | Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (ft.) | Speed Limit (kt) | Vertical Angle | Navigation Performance |
|------------------------|---|-------------|------------|-----------------------|------------------------|----------|---------------|------------------------|----------------|----------------|------------------|----------------|------------------------|
| | | | | | | | | | | | | | |
| | WESTN | 345719.5N | 1395939.9E | | | | | | | | | | |
| | TT162 | 351720.9N | 1400112.7E | | | | | | | | | | |
| | TT161 | 352306.1N | 1400139.5E | | | | | | | | | | |
| | KEIYO | 352910.6N | 1400207.4E | | | | | | | | | | |
| | AMUSE | 353253.0N | 1395800.3E | | | | | | | | | | |
| | JONAN | 353416.4N | 1395442.1E | | | | | | | | | | |
| Critical DME | - | | | | | | | | | | | | |
| DME GAP | - | | | | | | | | | | | | |
| Inappropriate Nav aids | See General Rule 3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | |
| | | | | IF | WESTN | - | - | - | - | - | - | - | RNAV1 |
| | | | | TF | TT162 | - | 20.0 | 010° (003.6°) | - | -FL140 | - | - | RNAV1 |
| | | | | TF | TT161 | - | 5.8 | 010° (003.6°) | - | +4000 | - | - | RNAV1 |
| | | | | TF | KEIYO | - | 6.1 | 010° (003.6°) | - | - | - | - | RNAV1 |
| | | | | TF | AMUSE | - | 5.0 | 325° (317.8°) | - | +2500 | - | - | RNAV1 |
| | | | | TF | JONAN | - | 3.0 | 304° (297.3°) | - | +2000 | - | - | RNAV1 |

JONAN SOUTH NR2 RNAV ARRIVAL

From OTAKI, to TT164 at or below FL140, to TT163 at or above 4,000ft, to KEIYO, to AMUSE at or above 2,500ft, to JONAN at or above 2,000ft.

| FIX | DESIGNATION | COORDINATES | | Rcmd. Path Terminator | Fix ID (Waypoint Name) | Fly Over | Distance (NM) | MAG Track (TRUE Track) | Turn Direction | Altitude (ft.) | Speed Limit (kt) | Vertical Angle | Navigation Performance |
|------------------------|---|-------------|------------|-----------------------|------------------------|----------|---------------|------------------------|----------------|----------------|------------------|----------------|------------------------|
| | | | | | | | | | | | | | |
| | OTAKI | 350140.8N | 1402027.3E | | | | | | | | | | |
| | TT164 | 352030.0N | 1400756.4E | | | | | | | | | | |
| | TT163 | 352432.4N | 1400514.3E | | | | | | | | | | |
| | KEIYO | 352910.6N | 1400207.4E | | | | | | | | | | |
| | AMUSE | 353253.0N | 1395800.3E | | | | | | | | | | |
| | JONAN | 353416.4N | 1395442.1E | | | | | | | | | | |
| Critical DME | - | | | | | | | | | | | | |
| DME GAP | - | | | | | | | | | | | | |
| Inappropriate Nav aids | See General Rule 3. Inappropriate NAVAIDs for RNAV1 | | | | | | | | | | | | |
| | | | | IF | OTAKI | - | - | - | - | - | - | - | RNAV1 |
| | | | | TF | TT164 | - | 21.4 | 338° (331.4°) | - | -FL140 | - | - | RNAV1 |
| | | | | TF | TT163 | - | 4.6 | 338° (331.3°) | - | +4000 | - | - | RNAV1 |
| | | | | TF | KEIYO | - | 5.3 | 338° (331.2°) | - | - | - | - | RNAV1 |
| | | | | TF | AMUSE | - | 5.0 | 325° (317.8°) | - | +2500 | - | - | RNAV1 |
| | | | | TF | JONAN | - | 3.0 | 304° (297.3°) | - | +2000 | - | - | RNAV1 |