

**TABULAR DESCRIPTION**

| ILS or LOC z RWY21R      |                 |                         |         |                  |                    |               |                |               |            |         |                          |
|--------------------------|-----------------|-------------------------|---------|------------------|--------------------|---------------|----------------|---------------|------------|---------|--------------------------|
| Serial Number            | Path Descriptor | Waypoint Identifier     | Flyover | Course ° M (° T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (FT) | Speed (KT) | VPA/RDH | Navigation Specification |
| 010                      | IF              | AROKA (IAF)             | -       | -                | +0.6               | -             | -              | -5000         | -          | -       | RNAV 1                   |
| 020                      | TF              | BD111 (IF)              | -       | 165°(164.5°)     | +0.6               | 7.0           | -              | +2600         | -190       | -       | RNAV 1                   |
| 010                      | IF              | TAWAN (IAF)             | -       | -                | +0.6               | -             | -              | +3000         | -          | -       | RNAV 1                   |
| 020                      | TF              | BD111 (IF)              | -       | 209°(208.8°)     | +0.6               | 4.6           | -              | +2600         | -190       | -       | RNAV 1                   |
| 010                      | IF              | BD111 (IF)              | -       | -                | +0.6               | -             | -              | +2600         | -190       | -       | RNAV 1                   |
| TRANSITION TO ILS or LOC |                 |                         |         |                  |                    |               |                |               |            |         |                          |
| 020                      | TF              | RENIL (FAF)             | -       | 209°(208.7°)     | +0.6               | 5.3           | -              | @ 1600        | -          | -       | ILS                      |
| 030                      | TF              | MAPt (LOC only) @ RW21R | Y       | 209°(208.7°)     | +0.6               | 4.9           | -              | @ 61          | -          | -3.0/54 | ILS                      |
| 040                      | TF              | BD188                   | Y       | 209°(208.7°)     | +0.6               | 4.4           | R              | -             | -          | -       | RNAV 1                   |
| 050                      | TF              | BD177                   | -       | 264°(263.6°)     | +0.6               | 5.4           | L              | -             | -          | -       | RNAV 1                   |
| 060                      | TF              | HOLYA                   | -       | 250°(249.3°)     | +0.6               | 8.0           | -              | +3000         | -          | -       | RNAV 1                   |
| 070                      | HM              | HOLYA                   | Y       | 070°(069.3°)     | +0.6               | 1 minute      | L              | +3000         | -230       | -       | RNAV 1                   |

**WAYPOINT LIST**

| ILS or LOC z RWY21R |                  |                   |                |
|---------------------|------------------|-------------------|----------------|
| Waypoint Identifier | Coordinates      |                   | Pronunciation  |
| AROKA               | 14° 11' 22.16" N | 100° 39' 51.89" E | AH - ROW - KAH |
| TAWAN               | 14° 08' 38.35" N | 100° 44' 04.62" E | TAH - WAN      |
| BD111               | 14° 04' 35.38" N | 100° 41' 47.72" E | -              |
| RENIL               | 13° 59' 53.84" N | 100° 39' 09.93" E | RE - NILL      |
| RW21R               | 13° 55' 34.87" N | 100° 36' 44.62" E | -              |
| BD188               | 13° 51' 43.93" N | 100° 34' 35.12" E | -              |
| BD177               | 13° 51' 07.60" N | 100° 29' 02.45" E | -              |
| HOLYA               | 13° 48' 16.86" N | 100° 21' 21.08" E | HOL - YAH      |