

**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 40FT
HEIGHT RELATED TO
THR RWY 03 - ELEV 18FT

**MALACCA/MALACCA (WMKM)
RNP Y RWY 03**

TABULAR DESCRIPTION

EMRUN TRANSITION

| SEQ. | PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/ TRACK (M) | DISTANCE (NM) | TURN DIRECTION | ALTITUDE (FT) | SPEED LIMIT (KT) | VPA/ RDH (FT) | NAVIGATION SPECIFICATION |
|------|-----------------|---------------------|----------|-------------------|---------------|----------------|---------------|------------------|---------------|--------------------------|
| 010 | IF | EMRUN | - | - | - | - | +4000 | - | - | RNP APCH |
| 020 | TF | KAGPA | - | 300° | 6.0 | - | +3000 | - | - | RNP APCH |
| 030 | TF | KM513 | - | 030° | 5.0 | R | +1600 | - | - | RNP APCH |
| 040 | TF | KM512 | - | 030° | 2.2 | - | +1600 | - | - | RNP APCH |
| 050 | TF | KM511 | - | 030° | 1.4 | - | +1200 | - | - | RNP APCH |
| 060 | TF | RWY03 | Y | 030° | 3.8 | - | - | - | -2.8°/50 | RNP APCH |
| 070 | VA | - | - | 030° | - | - | +1500 | - | - | RNP APCH |
| 080 | DF | IRMOV | - | - | - | R | +5000 | - 220 | - | RNP APCH |
| 090 | HM | IRMOV | Y | - | - | L | +5000 | - 230 | - | RNAV 1 |

AERONAUTICAL DATA TABULATION

| WAYPOINT IDENTIFIER | COORDINATES |
|-----------------------|------------------------------------|
| EMRUN | 02° 01' 40.28" N 102° 13' 53.16" E |
| OMKER | 02° 07' 43.18" N 102° 03' 30.98" E |
| KAGPA (IAF) | 02° 04' 41.74" N 102° 08' 42.08" E |
| KM513 (IF) | 02° 09' 02.67" N 102° 11' 12.18" E |
| KM512 (FAF) | 02° 10' 57.02" N 102° 12' 17.68" E |
| KM511 (SDF) | 02° 12' 07.23" N 102° 12' 58.14" E |
| THR RWY03 (MAPT LNAV) | 02° 15' 25.96" N 102° 14' 52.70" E |
| IRMOV | 02° 08' 19.42" N 102° 17' 31.66" E |

NEW TABULAR