

**STANDARD ARRIVAL CHART
INSTRUMENT (STAR) - ICAO**

TRANSITION ALTITUDE
11 000 FT

**MALACCA/MALACCA (WMKM)
RNAV (GNSS) RWY03**

AKRUL 1S GUPTA 1S DOSIK 1S
VELTU 1S DUMOK 1S INTUR 1S

TABULAR DESCRIPTION

AKRUL ONE SIERRA ARRIVAL (AKRUL 1S)

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK (°M) | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-------------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| IF | AKRUL | - | - | - | - | +7000 | - | - | RNAV 1 |
| TF | GUPTA | - | 238° | 16.0 | - | +7000 | - | - | RNAV 1 |
| TF | KM505 | - | 252° | 21.1 | - | +5000 | - | - | RNAV 1 |
| TF | EMRUN | - | 251° | 4.8 | - | +4000 | - | - | RNAV 1 |
| TF | KAGPA | - | 300° | 6.0 | R | +3000 | - | - | RNP APCH |

GUPTA ONE SIERRA ARRIVAL (GUPTA 1S)

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK (°M) | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-------------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| TF | GUPTA | - | - | - | - | +7000 | - | - | RNAV 1 |
| TF | KM505 | - | 252° | 21.1 | - | +5000 | - | - | RNAV 1 |
| TF | EMRUN | - | 251° | 4.8 | - | +4000 | - | - | RNAV 1 |
| TF | KAGPA | - | 300° | 6.0 | R | +3000 | - | - | RNP APCH |

DOSIK ONE SIERRA ARRIVAL (DOSIK 1S)

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK (°M) | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-------------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| IF | DOSIK | - | - | - | - | +6500 | - | - | RNAV 1 |
| TF | KAGPA | - | 018° | 19.7 | - | +3000 | - | - | RNP APCH |

VELTU ONE SIERRA ARRIVAL (VELTU 1S)

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK (°M) | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-------------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| IF | VELTU | - | - | - | - | +5500 | - | - | RNAV 1 |
| TF | OMKER | - | 145° | 10.6 | - | +4000 | - | - | RNAV 1 |
| TF | KAGPA | - | 120° | 6.0 | L | +3000 | - | - | RNP APCH |