

**STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO**

**ALOR SETAR/
SULTAN ABDUL HALIM (WMKA)**

RNAV (GNSS) RWY22

TRANSITION ALTITUDE
11000 FT

TAMOS 1B RIGTO 1B DUBAX 1B
SAGEL 1B GUTEB 1B OMBUL 1B
AKMIS 1B

OMBUL 1B DEPARTURE

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK (°M) | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-------------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| CA | RWY 22 | - | 222° | - | - | +1500 | - | - | RNAV 1 |
| DF | ISGOD | - | - | - | L | +4000 | - | - | RNAV 1 |
| TF | OMBUL | - | 188° | 9.8 | R | +7000 | - | - | RNAV 1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTIL PASSING 7000 FT DUE TO OBSTACLE AND AIRWAYS LOWER LIMIT
AIRWAYS LOWER LIMIT

GUTEB 1B DEPARTURE

| PATH TERMINATOR | WAYPOINT IDENTIFIER | FLY OVER | COURSE/TRACK °M | DISTANCE NM | TURN DIRECTION | ALTITUDE CONSTRAINT | SPEED LIMIT (KT) | RECOMMENDED NAVAIDS | NAVIGATION SPECIFICATION |
|-----------------|---------------------|----------|-----------------|-------------|----------------|---------------------|------------------|---------------------|--------------------------|
| CF | PEBDU | - | 222° | - | - | +1500 | - | - | RNAV 1 |
| TF | GUTEB | - | 149° | 22.5 | L | +7000 | - | - | RNAV 1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTIL PASSING 7000 FT DUE TO OBSTACLE AND AIRWAYS LOWER LIMIT

WAYPOINT LIST

| FIX/POINT/NAVAID | COORDINATES |
|------------------|--------------------------------|
| VAS VOR/DME | 06°11'08.40" N 100°23'49.20" E |
| AKMIS | 05°46'32.03" N 100°18'46.10" E |
| DUBAX | 06°25'55.90" N 100°07'36.60" E |
| GUTEB | 05°47'03.43" N 100°30'57.45" E |
| ISGOD | 05°56'03.41" N 100°21'32.58" E |
| OMBUL | 05°46'18.08" N 100°20'04.29" E |
| PEBDU | 06°06'23.55" N 100°19'20.06" E |
| RIGTO | 06°42'28.22" N 100°15'04.23" E |
| SAGEL | 06°17'24.00" N 100°00'00.00" E |
| TAMOS | 06°31'46.00" N 100°23'41.00" E |