

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

**LANGKAWI (WMKL) / LANGKAWI
INTERNATIONAL AIRPORT**

TRANSITION ALTITUDE
11000 FT

RWY 21
RNAV1 DEPARTURES
AKRAB 1B ANDOK 1B
MULOT 1B KAPKO 1B

AKRAB 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 21 | - | 214° | - | - | +1000 | - | VPL VOR/DME | - |
| DF | AKRAB | - | - | - | R | +10000 | - | - | RNAV1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTILL PASSING 1000 FT DUE TO OBSTACLE

KAPKO 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 21 | - | 214° | - | - | +1000 | - | VPL VOR/DME | - |
| DF | KAPKO | - | - | - | L | +7000 | - | - | RNAV1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTILL PASSING 1000 FT DUE TO OBSTACLE

ANDOK 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 21 | - | 214° | - | - | +2000 | - | VPL VOR/DME | - |
| DF | ANDOK | - | - | - | L | +7000 | - | - | RNAV1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTILL PASSING 1000 FT DUE TO OBSTACLE

MULOT 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 21 | - | 214° | - | - | +1000 | - | VPL VOR/DME | - |
| DF | MULOT | - | - | - | L | +5000 | - | - | RNAV1 |

MINIMUM CLIMB GRADIENT (PDG) 4.5% UNTILL PASSING 1000 FT DUE TO OBSTACLE