

STANDARD DEPARTURE CHART
RNAV (GNSS) -
INSTRUMENT (SID)

TWR 118.6 / 118.25
 APP 120.3
 124.05
 ACC 133.8

TRANSITION ALTITUDE
 11 000ft

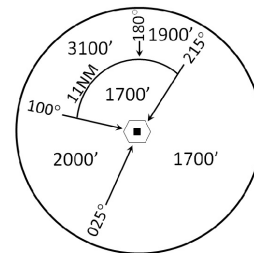
D-ATIS AP ID-WSSS
 128.6

SINGAPORE/Singapore Changi
RWY 02R
MERSING DEPARTURES (RADAR)
VMR 1C

ELEV, ALT IN FEET
 BEARINGS, TRACKS AND
 RADIALS ARE MAGNETIC
 VAR 23°E (2020)

DISTANCES IN NM

VMR
 02° 23' 18" N
 103° 52' 18" E



MSA 25 NM
 from TEKONG DVOR

GENERAL INFORMATION

INITIAL CLIMB
3000FT

CAUTION: RWY 02R/20L CLOSED UNTIL FURTHER ADVISED

NOTE: RADAR REQUIRED

NOTE: RNAV-1 NAVIGATION SPECIFICATION GNSS REQUIRED

NOTE: ACFT UNABLE TO FLY THE SID PROFILE
 SHALL INFORM ATC PRIOR TO DEPARTURE AND
 EXPECT RADAR VECTORING IF NECESSARY

NOTE: WHEN TAKEN OFF THE SID, AS INSTRUCTED BY ATC,
 REFER TO ENR 1.5, SECTION 3, PARAGRAPH 3.5
 - FOR RWY 02R MINIMUM CLIMB GRADIENT

NOTE: REFER TO BACK PAGE FOR
 - FORMAL AND TABULAR DESCRIPTIONS
 - RADIO COM FAILURE PROCEDURES

PROCEDURE INFORMATION

SID SHALL NOT EXCEED IAS 230KTS UNTIL
 PASSING 4000FT AMSL AND NOT EXCEED
 IAS 250KTS UNTIL PASSING 10000FT AMSL.

CRUISING LEVELS WILL BE ISSUED AFTER TAKE-OFF
 BY SINGAPORE RADAR.

SID SHALL BE ON A MINIMUM CLIMB GRADIENT OF 5%
 UNTIL REACHING OR PASSING 2500FT, THEREAFTER 3.3%.

GND SPEED - KNOTS	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
3.3% V/V (fpm)	251	334	501	668	835	1003



AKOMA
 01° 45' 22" N
 103° 54' 43" E

A070

EXPECT RADAR vectors
to waypoint AKOMA

TEKONG
 DVOR/DME 116.5
 VTK
 01° 24' 55" N
 104° 01' 20" E
 60M

RWY 02R (DER)
 01° 21' 22.24" N
 104° 00' 50.81" E

NOT TO SCALE