

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

TWR 118.6 / 118.25
APP 120.3
ACC 133.8

TRANSITION ALTITUDE
11 000ft

D-ATIS AP ID-WSSS
128.6

**SINGAPORE/Singapore Changi
RWY 20R
VOVOS DEPARTURES
VOVOS 1F**

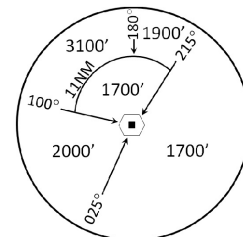
ELEV, ALT IN FEET

PUBLICATION DATE: 11 JAN 2024

BEARINGS, TRACKS AND
RADIALS ARE MAGNETIC
VAR 0°23'E (2020)

EFFECTIVE DATE: 21 MAR 2024

DISTANCES IN NM



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 3.4.2
- FOR RWY 20R MINIMUM CLIMB GRADIENT

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

NOTE: VOVOS SID WILL NOT BE AVAILABLE FOR
FLIGHT PLANNING UNTIL FURTHER ADVISED

PROCEDURE INFORMATION

SID SHALL NOT EXCEED IAS 230KTS UNTIL
PASSING AA001 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 6%
UNTIL REACHING OR PASSING 2500FT, THEREAFTER 3.3%.

GND SPEED - KNOTS	75	100	150	200	250	300
6% V/V (fpm)	456	608	911	1215	1518	1821
3.3% V/V (fpm)	251	334	501	668	835	1003

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

DER (RWY 20R)
01° 20' 47.00"N
103° 58' 35.00"E

LEDOX
01° 16' 42"N
103° 56' 51"E
A015

LETGO
01° 14' 11"N
103° 56' 48"E
A025

SAMKO
01° 05' 30"N
103° 52' 55"E
A040

VOVOS
01° 11' 23"N
103° 26' 51"E

BOKIP
01° 04' 21"N
103° 43' 53"E

ATLEX
01° 03' 02"N
103° 33' 31"E

