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

TWR 118.6 / 118.25
APP 120.3
ACC 133.25

TRANSITION ALTITUDE
11 000ft

D-ATIS AP ID-WSSS
128.6

## SINGAPORE/Singapore Changi
## RWY 02L/20R
### ADMIM DEPARTURES
### ADMIM 1E (R02L)
### ADMIM 3F (R20R)

**ELEV, ALT IN FEET**
BEARINGS, TRACKS AND
RADIALS ARE MAGNETIC
VAR 26'E (2015)

DISTANCES IN NM

**NOTE:** RADAR REQUIRED

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

**NOTE:** RNAV-1 NAVIGATION SPECIFICATION GNSS REQUIRED

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

ARP
3500'
MSA 25NM

### GENERAL INFORMATION

**INITIAL CLIMB**
**3000FT OR AS DIRECTED BY ATC**

ALL SIDs INCLUDE NOISE PREFERENTIAL ROUTES.

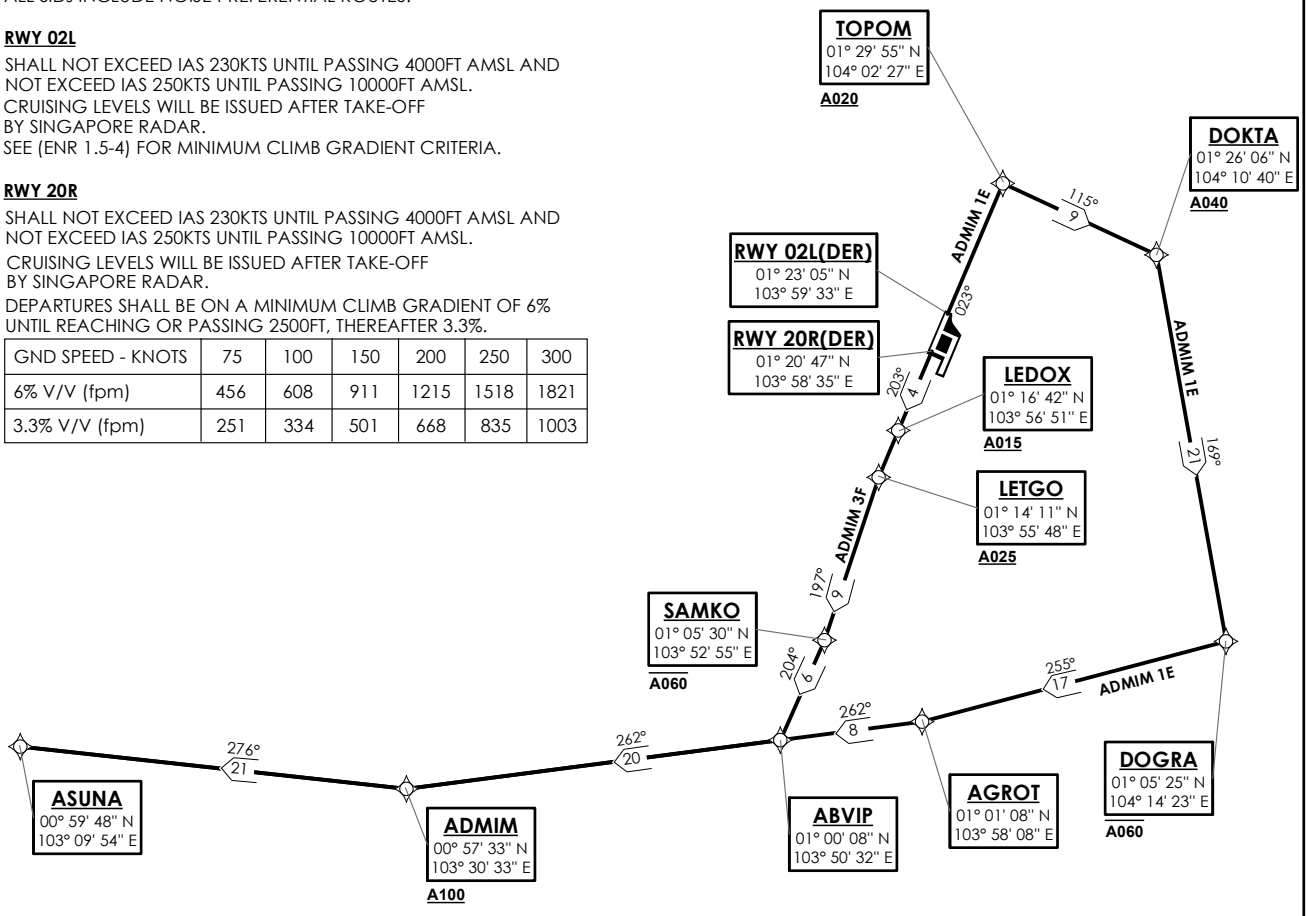
**RWY 02L**

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.
SEE (ENR 1.5-4) FOR MINIMUM CLIMB GRADIENT CRITERIA.

**RWY 20R**

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.
DEPARTURES 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 |




NOT TO SCALE

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***CHANGES :*** Phrase "minimum net climb gradient" revised to "minimum climb gradient".

## ADMIM 1E (SID) RNAV GNSS RWY 02L - DESCRIPTIONS

**Formal & Abbreviated Descriptions**

| Formal Description | Abbreviated Description | Path Terminator | Fly-Over required |
|---|---|---|---|
| To TOPOM on course 023° at or above 2000ft, turn right. To DOKTA at or above 4000ft, turn right. To DOGRA at or below 6000ft, turn right. To AGROT, turn right. To ABVIP. To ADMIM at or above 10000ft, turn right. To ASUNA. | TOPOM [M023; A020+; R] -<br>DOKTA [A040+; R] -<br>DOGRA [A060-; R] -<br>AGROT [R] -<br>ABVIP -<br>ADMIM [A100+; R] -<br>ASUNA | CF<br>TF<br>TF<br>TF<br>TF<br>TF<br>TF | N<br>N<br>N<br>N<br>N<br>N<br>N |

**Tabular Descriptions**

| Path Term | Waypoint Name | Fly-Over | Course °M(°T) | Magnetic Variation | Turn Direction | Altitude | Speed Limit | Navigation Spec |
|---|---|---|---|---|---|---|---|---|
| CF | TOPOM | - | 023(022.5) | -0.5 | R | A020+ | - | RNAV1 |
| TF | DOKTA | - | 115(114.5) | -0.5 | R | A040+ | - | RNAV1 |
| TF | DOGRA | - | 169(168.5) | -0.5 | R | A060- | - | RNAV1 |
| TF | AGROT | - | 255(254.5) | -0.5 | R | - | - | RNAV1 |
| TF | ABVIP | - | 262(261.5) | -0.5 | - | - | - | RNAV1 |
| TF | ADMIM | - | 262(261.5) | -0.5 | R | A100+ | - | RNAV1 |
| TF | ASUNA | - | 276(275.5) | -0.5 | - | - | - | RNAV1 |

## ADMIM 3F (SID) RNAV GNSS RWY 20R - DESCRIPTIONS

**Formal & Abbreviated Descriptions**

| Formal Description | Abbreviated Description | Path Terminator | Fly-Over required |
|---|---|---|---|
| To LEDOX on course 203° at or above 1500ft. To LETGO at or above 2500ft, turn left. To SAMKO at or below 6000ft, turn right. To ABVIP, turn right. To ADMIM at or above 10000ft, turn right. To ASUNA. | LEDOX [M203; A015+] -<br>LETGO [A025+; L] -<br>SAMKO [A060-; R] -<br>ABVIP [R] -<br>ADMIM [A100+; R] -<br>ASUNA | CF<br>TF<br>TF<br>TF<br>TF<br>TF | N<br>N<br>N<br>N<br>N<br>N |

**Tabular Descriptions**

| Path Term | Waypoint Name | Fly-Over | Course °M(°T) | Magnetic Variation | Turn Direction | Altitude | Speed Limit | Navigation Spec |
|---|---|---|---|---|---|---|---|---|
| CF | LEDOX | - | 203(202.5) | -0.5 | - | A015+ | - | RNAV1 |
| TF | LETGO | - | 203(202.5) | -0.5 | L | A025+ | - | RNAV1 |
| TF | SAMKO | - | 197(197.5) | -0.5 | R | A060- | - | RNAV1 |
| TF | ABVIP | - | 204(203.5) | -0.5 | R | - | - | RNAV1 |
| TF | ADMIM | - | 262(261.5) | -0.5 | R | A100+ | - | RNAV1 |
| TF | ASUNA | - | 276(275.5) | -0.5 | - | - | - | RNAV1 |

## RADIO COMMUNICATIONS FAILURE PROCEDURE

| | |
|---|---|
| 1 | **SET TRANSPONDER TO MODE A/C CODE 7600** |
| 2 | **COMMUNICATIONS FAILURE OCCURS IMMEDIATELY AFTER DEPARTURE ON:**<br>**RWY 02L -** PROCEED STRAIGHT AHEAD TO NYLON HOLDING AREA (NHA) CLIMBING TO THE LAST ASSIGNED ALTITUDE, THEREAFTER REFER TO SINGAPORE AIP ON RADIO COMMUNICATIONS FAILURE PROCEDURE.<br>**RWY 20R -** PROCEED STRAIGHT AHEAD TO SAMKO HOLDING AREA (SHA) CLIMBING TO THE LAST ASSIGNED ALTITUDE, THEREAFTER REFER TO SINGAPORE AIP ON RADIO COMMUNICATIONS FAILURE PROCEDURE. |


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