

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

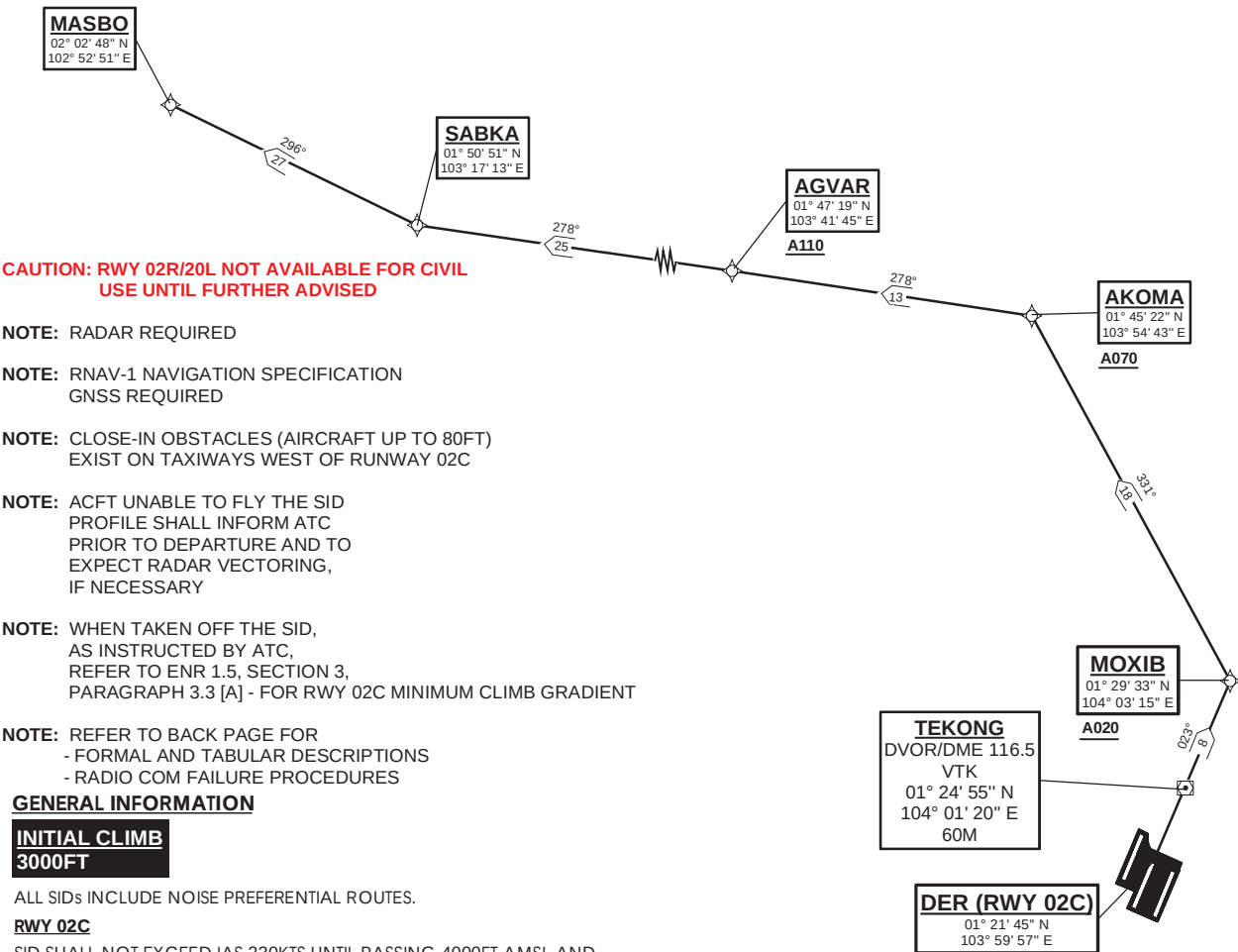
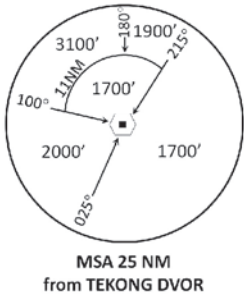
|     |                |
|-----|----------------|
| TWR | 118.6 / 118.25 |
| APP | 120.3          |
|     | 124.05         |
| ACC | 133.25         |

|                     |                     |
|---------------------|---------------------|
| TRANSITION ALTITUDE | 11 000ft            |
| D-ATIS              | AP ID-WSSS<br>128.6 |

SINGAPORE/Singapore Changi  
RWY 02C  
MASBO DEPARTURES  
MASBO 3A

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

DISTANCES IN NM



|                   |     |     |     |      |      |      |
|-------------------|-----|-----|-----|------|------|------|
| 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 |

NOT TO SCALE

MASBO 3A (SID) RNAV GNSS RWY 02C - DESCRIPTIONS

Formal & Abbreviated Descriptions

| Formal Description                                     | Abbreviated Description  | Path Terminator | Fly-Over required |
|--------------------------------------------------------|--------------------------|-----------------|-------------------|
| To MOXIB on course 023° at or above 2000ft, turn left. | MOXIB [M023; A020+; L] - | CF              | N                 |
| To AKOMA at or above 7000ft, turn left.                | AKOMA [A070+; L] -       | TF              | N                 |
| To AGVAR at or above 11000ft.                          | AGVAR [A110+] -          | TF              | N                 |
| To SABKA, turn right.                                  | SABKA [R] -              | TF              | N                 |
| To MASBO.                                              | MASBO                    | TF              | N                 |

Tabular Descriptions

| Path Term | Waypoint Name | Fly-Over | Course °M(°T) | Distance (NM) | Turn Direction | Altitude | Speed Limit | Navigation Spec |
|-----------|---------------|----------|---------------|---------------|----------------|----------|-------------|-----------------|
| CF        | MOXIB         | -        | 023(023.4)    | 8.0           | L              | A020+    | -           | RNAV1           |
| TF        | AKOMA         | -        | 331(331.4)    | 18.0          | L              | A070+    | -           | RNAV1           |
| TF        | AGVAR         | -        | 278(278.4)    | 13.0          | -              | A110+    | -           | RNAV1           |
| TF        | SABKA         | -        | 278(278.4)    | 25.0          | R              | -        | -           | RNAV1           |
| TF        | MASBO         | -        | 296(296.4)    | 27.0          | -              | -        | -           | RNAV1           |

Radio Communications Failure Procedure

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