

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

TWR 118.6 / 118.25  
APP 120.3  
124.05  
ACC 134.4

TRANSITION ALTITUDE  
11 000ft

D-ATIS AP ID-WSSS  
128.6

SINGAPORE/Singapore Changi  
RWY 02L  
IDBUD DEPARTURES  
IDBUD 1E

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

DISTANCES IN NM

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

DER(RWY02L)  
01°23'05.00"N  
103°59'33.00"E

MOLVO  
01°29'55"N  
104°02'27"E

A020

EMRIX  
01°26'06"N  
104°10'40"E

A040

HOSBA  
01°19'48"N  
104°24'18"E

A070

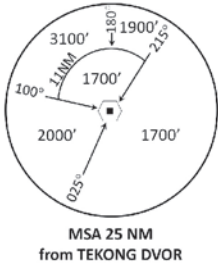
VANBU  
01°06'43"N  
104°27'40"E

A090

VIRET  
00°39'40"N  
104°35'11"E  
FL160

GURES  
00°28'14"N  
104°38'35"E

IDBUD  
00°14'54"N  
105°01'39"E



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

Formal & Abbreviated Descriptions

| Formal Description                                      | Abbreviated Description  | Path Terminator | Fly-Over required |
|---------------------------------------------------------|--------------------------|-----------------|-------------------|
| To MOLVO on course 023° at or above 2000ft, turn right. | MOLVO [M023; A020+; R] - | CF              | N                 |
| To EMRIX at or above 4000ft.                            | EMRIX [A040+] -          | TF              | N                 |
| To HOSBA at or above 7000ft, turn right.                | HOSBA [A070+; R] -       | TF              | N                 |
| To VANBU at or below 9000ft, turn left.                 | VANBU [A090-; L] -       | TF              | N                 |
| To VIRET at or above FL160, turn left.                  | VIRET [FL160+; L] -      | TF              | N                 |
| To GURES, turn left                                     | GURES [L] -              | TF              | N                 |
| To IDBUD.                                               | IDBUD                    | TF              | N                 |

Tabular Descriptions

| Path Term | Waypoint Name | Fly-Over | Course °M(°T) | Distance (NM) | Turn Direction | Altitude | Speed Limit | Navigation Spec |
|-----------|---------------|----------|---------------|---------------|----------------|----------|-------------|-----------------|
| CF        | MOLVO         | -        | 023(023.4)    | 8.0           | R              | A020+    | -           | RNAV1           |
| TF        | EMRIX         | -        | 114(114.4)    | 9.0           | -              | A040+    | -           | RNAV1           |
| TF        | HOSBA         | -        | 114(114.4)    | 15.0          | R              | A070+    | -           | RNAV1           |
| TF        | VANBU         | -        | 165(165.4)    | 13.0          | L              | A090-    | -           | RNAV1           |
| TF        | VIRET         | -        | 164(164.4)    | 28.0          | L              | FL160+   | -           | RNAV1           |
| TF        | GURES         | -        | 163(163.4)    | 12.0          | L              | -        | -           | RNAV1           |
| TF        | IDBUD         | -        | 119(119.4)    | 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. |