

### STANDARD ARRIVAL CHART RNAV (GNSS) - INSTRUMENT (STAR)

ACC 134.2  
APP 124.05  
119.3  
TWR 118.6 / 118.25

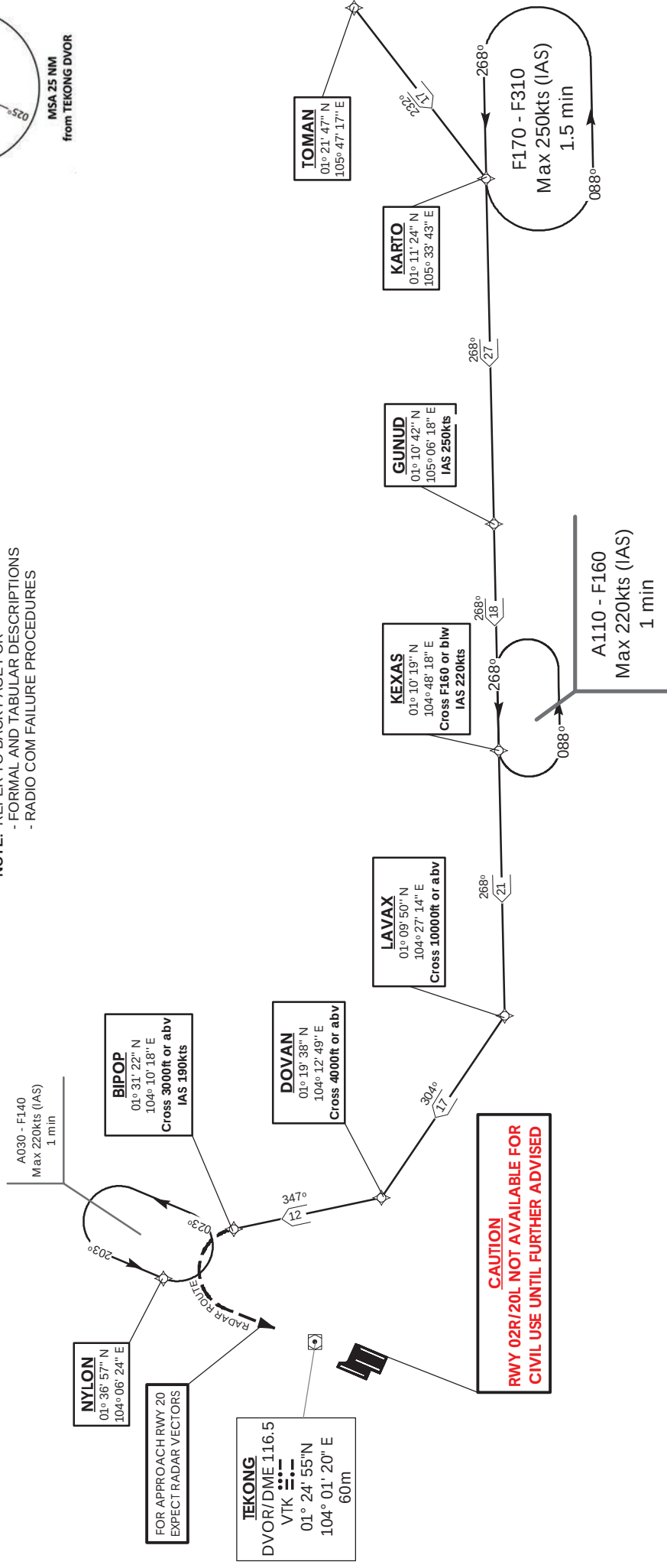
TRANSITION ALTITUDE  
11 000ft

128.025 AP ID-WSSS

**SINGAPORE/Singapore Changi**  
**RWY 20R/C/L**  
**KARTO TWO BRAVO ARRIVAL**  
**KARTO 2B**

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

DISTANCES IN NM



NOT TO SCALE

## KARTO 2B (STAR) RNAV GNSS RWY 20R/20C/20L - DESCRIPTIONS

### Formal & Abbreviated Descriptions

| Formal Description                         | Abbreviated Description | Path Terminator | Fly-Over required |
|--------------------------------------------|-------------------------|-----------------|-------------------|
| From TOMAN.                                | TOMAN -                 | IF              | N                 |
| To KARTO, turn right.                      | KARTO [R] -             | TF              | N                 |
| To GUNUD, speed 250kts.                    | GUNUD [K250] -          | TF              | N                 |
| To KEXAS at or below FL160, speed 220kts.  | KEXAS [FL160-; K220] -  | TF              | N                 |
| To LAVAX at or above 10000ft, turn right.  | LAVAX [A100+; R] -      | TF              | N                 |
| To DOVAN at or above 4000ft, turn right.   | DOVAN [A040+; R] -      | TF              | N                 |
| To BIPOP at or above 3000ft, speed 190kts. | BIPOP [A030+; K190]     | TF              | N                 |

### Tabular Descriptions

| Path Term | Waypoint Name | Fly-Over | Course °M(°T) | Distance (NM) | Turn Direction | Altitude | Speed Limit | Navigation Spec |
|-----------|---------------|----------|---------------|---------------|----------------|----------|-------------|-----------------|
| IF        | TOMAN         | -        | -             | -             | -              | -        | -           | RNAV1           |
| TF        | KARTO         | -        | 232(232.4)    | 17.0          | R              | -        | -           | RNAV1           |
| TF        | GUNUD         | -        | 268(268.4)    | 27.0          | -              | -        | K250        | RNAV1           |
| TF        | KEXAS         | -        | 268(268.4)    | 18.0          | -              | FL160-   | K220        | RNAV1           |
| TF        | LAVAX         | -        | 268(268.4)    | 21.0          | R              | A100+    | -           | RNAV1           |
| TF        | DOVAN         | -        | 304(304.4)    | 17.0          | R              | A040+    | -           | RNAV1           |
| TF        | BIPOP         | -        | 347(347.4)    | 12.0          | -              | A030+    | K190        | RNAV1           |

### Radio Communications Failure Procedure

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>SET TRANSPONDER TO MODE A/C CODE 7600</b>                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2 | <b>When cleared via KARTO 2B by Singapore ATC</b> <ul style="list-style-type: none"> <li>(a) Maintain last assigned flight level or altitude and proceed on KARTO 2B to BIPOP, then direct to NYLON</li> <li>(b) From NYLON commence descent and carry out appropriate landing procedure for RWY 20 as close as possible to EAT or ETA</li> <li>(c) If unable to effect a landing, refer to Singapore AIP for missed approach procedure</li> </ul> |
| 3 | <b>No clearance or instruction received from Singapore ATC</b> <ul style="list-style-type: none"> <li>- Refer to Singapore AIP for radio communications failure procedure</li> </ul>                                                                                                                                                                                                                                                               |