

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

ACC 133.8  
APP 124.05  
119.3  
TWR 118.6 / 118.25

TRANSITION ALTITUDE  
11 000ft  
  
D-ATIS AP ID-WSSS  
128.025

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

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

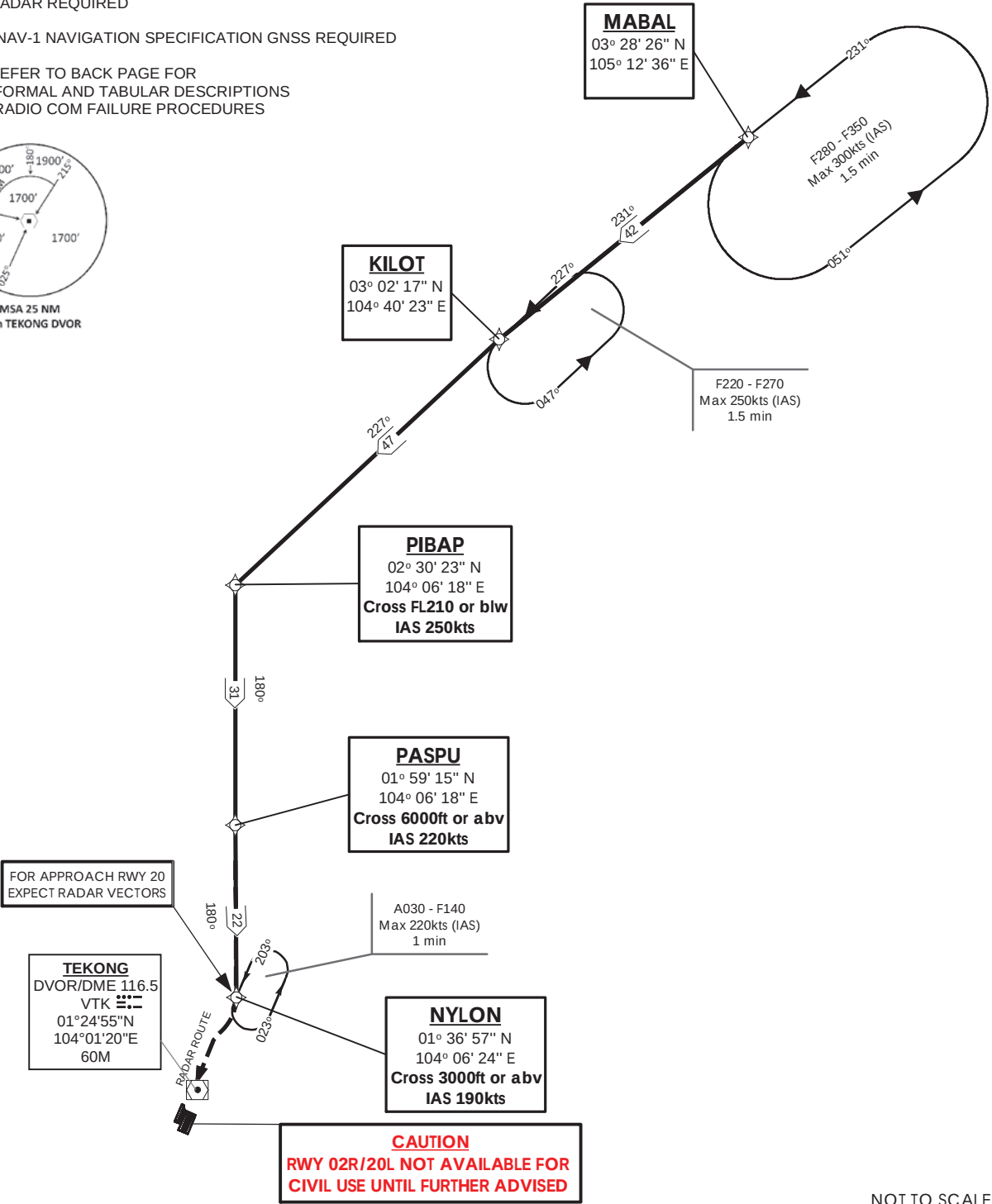
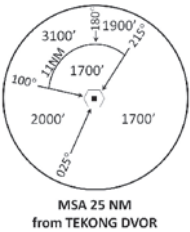
DISTANCES IN NM

CAUTION: RWY 02R/20L NOT AVAILABLE FOR CIVIL USE UNTIL  
FURTHER ADVISED

NOTE: RADAR REQUIRED

NOTE: RNAV-1 NAVIGATION SPECIFICATION GNSS REQUIRED

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



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

Formal & Abbreviated Descriptions

| Formal Description                                   | Abbreviated Description   | Path Terminator | Fly-Over required |
|------------------------------------------------------|---------------------------|-----------------|-------------------|
| From MABAL.                                          | MABAL -                   | IF              | N                 |
| To KILOT, turn left.                                 | KILOT [L] -               | TF              | N                 |
| To PIBAP at or below FL210, speed 250kts, turn left. | PIBAP [FL210-; K250; L] - | TF              | N                 |
| To PASPU, at or above 6000ft, speed 220kts.          | PASPU [A060+; K220] -     | TF              | N                 |
| To NYLON at or above 3000ft, speed 190kts.           | NYLON [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        | MABAL         | -        | -             | -             | -              | -        | -           | RNAV1           |
| TF        | KILOT         | -        | 231(231.4)    | 42.0          | L              | -        | -           | RNAV1           |
| TF        | PIBAP         | -        | 227(227.4)    | 47.0          | L              | FL210-   | K250        | RNAV1           |
| TF        | PASPU         | -        | 180(180.4)    | 31.0          | -              | A060+    | K220        | RNAV1           |
| TF        | NYLON         | -        | 180(180.4)    | 22.0          | -              | A030+    | K190        | RNAV1           |

Radio Communications Failure Procedure

|   |                                                                                                                                                                                                                                                                                                                                                                               |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | SET TRANSPONDER TO MODE A/C CODE 7600                                                                                                                                                                                                                                                                                                                                         |
| 2 | <p>When cleared via MABAL 2B by Singapore ATC</p> <p>(a) Maintain last assigned flight level or altitude and proceed on MABAL 2B to NYLON</p> <p>(b) From NYLON commence descent and carry out appropriate landing procedure for RWY 20 as close as possible to EAT or ETA</p> <p>(c) If unable to effect a landing, refer to Singapore AIP for missed approach procedure</p> |
| 3 | <p>No clearance or instruction received from Singapore ATC</p> <p>- Refer to Singapore AIP for radio communications failure procedure</p>                                                                                                                                                                                                                                     |