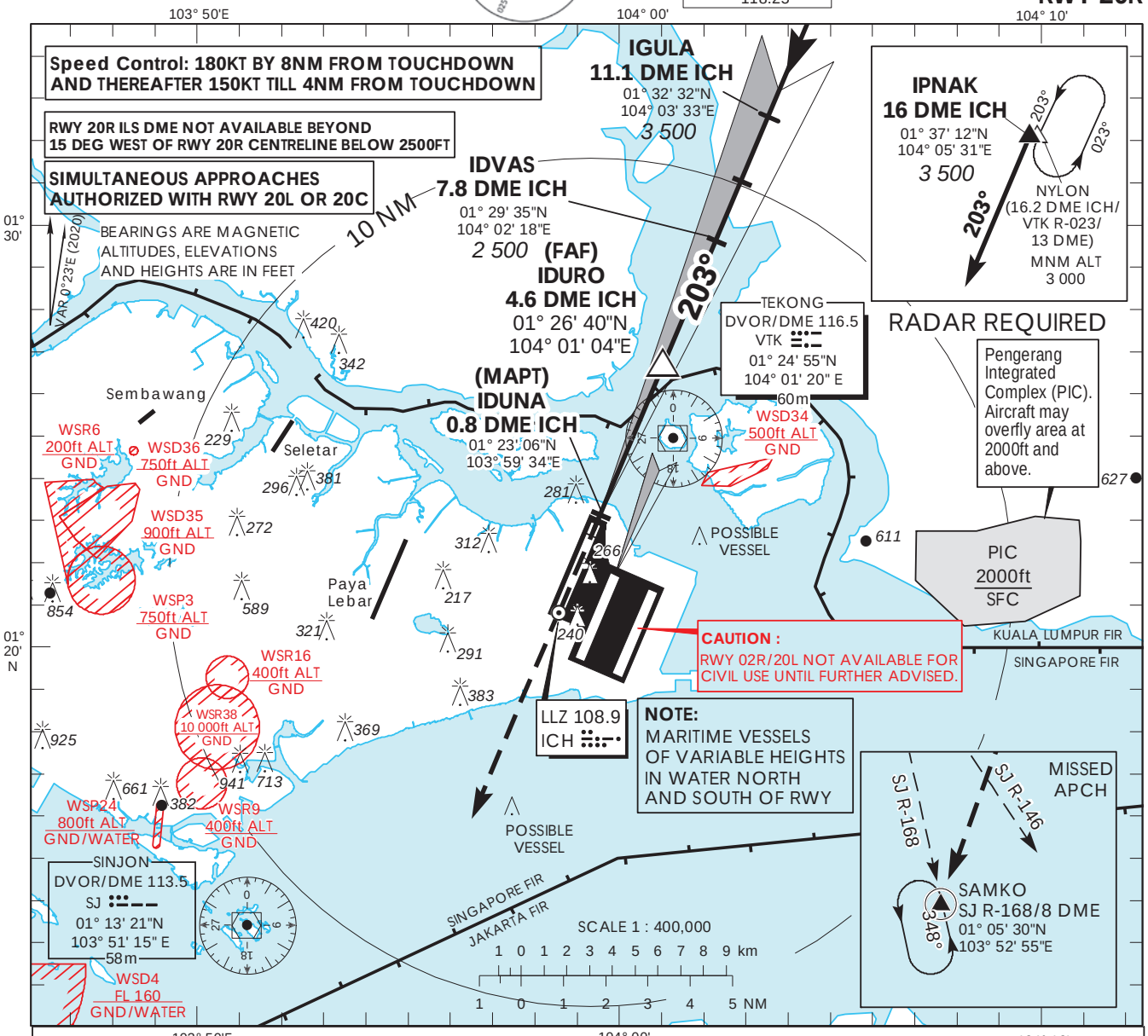
# INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 22ft
HEIGHT RELATED TO
DTHR RWY 20R - ELEV 13ft

MSA 25 NM from TEKONG DVOR

| | |
|---|---|
| D-ATIS | AP ID WSSS |
| | 128.025 |
| APP | 124.05 |
| | 119.3 |
| TWR | 118.6 |
| | 118.25 |

# SINGAPORE/ SINGAPORE CHANGI
## ICH ILS/DME RWY 20R



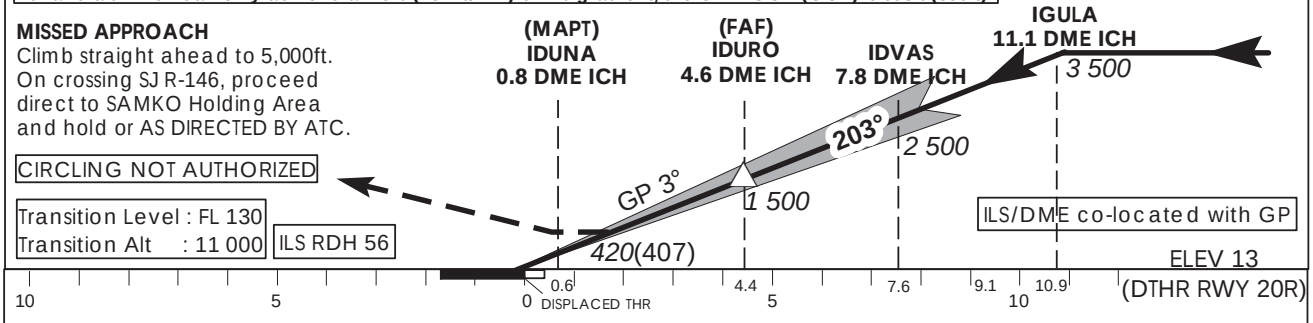

**This procedure requires a missed approach climb gradient of 3.7% (225 ft/NM) until passing 2,500ft.**
**For aircraft which can only achieve a 2.5% (152 ft/NM) climb gradient, the CAT I OCA (OCH) is 693ft (680ft).**

**MISSED APPROACH**
Climb straight ahead to 5,000ft.
On crossing SJ R-146, proceed direct to SAMKO Holding Area and hold or AS DIRECTED BY ATC.

CIRCLING NOT AUTHORIZED

Transition Level : FL 130
Transition Alt : 11 000

ILS RDH 56




* TIMING NOT AUTHORIZED WHEN GP INOP

| OCA (OCH) | | | | | | |
|---|---|---|---|---|---|---|
| Category of Aircraft | | A | B | C | D | $D_L$ |
| Straight-in | CAT I ILS | **152 (139)** | **159 (146)** | **179 (166)** | **192 (179)** | **195 (182)** |
| | GP INOP | **420 (407)** | | | | |

| Distance | 4 DME | 3 DME | 2 DME |
|---|---|---|---|
| Altitude (Height) | **1290 (1277)** | **970 (957)** | **650 (637)** |

| Speed | knots | 70 | 120 | 150 | 185 |
|---|---|---|---|---|---|
| FAF - MAPT 3.9nm | min : s * | **3 : 21** | **1 : 57** | **1 : 34** | **1 : 16** |
| Rate of descent/GS | ft/min | **370** | **635** | **795** | **980** |

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***CHANGES :*** Revision to Restricted Areas WSR9 and WSR16