AERODROME OBSTACLE CHART - ICAO TYPE B

SINGAPORE / Singapore Changi

AERODROME ELEVATION 7m

ELEVATIONS AND DIMENSIONS IN METRES
(ACCURACY OF ELEVATIONS : ± 2.5m)

103°56'E 103°57'E 103°58'E 103°59'E 104°0'E 104°1'E 104°2'E 104°3'E 104°4'E

1°27'N 1°26'N 1°25'N 1°24'N 1°23'N 1°22'N 1°21'N 1°20'N 1°19'N 1°18'N 1°17'N

JOHOR STRAIT

FIR KUALA LUMPUR
FIR SINGAPORE

APPROACH SURFACE SLOPE 1:40

TAKE-OFF CLIMB SURFACE SLOPE 1:50

Pulau Ubin

Pulau Tekong Kechil

Pulau Tekong Reservoir

Pulau Tekong

TAKE-OFF CLIMB SURFACE SLOPE 1:50

WSD34
GND - 500 ft ALT

APPROACH SURFACE SLOPE 1:40

Possible Maritime Vessels of Variable Height

CENTRE-LINE OF SHIPPING CHANNEL

APPROACH SURFACE SLOPE 1:50

20

CAFHI Jetty

Jetty

RESA 240m

CWY 270m

SWY 60m BITUMINOUS CONCRETE

203°

Displaced Threshold

TRANSITIONAL SURFACE SLOPE 1:7

GROOVED BITUMINOUS CONCRETE

Changi Ferry Terminal

20 C

APPROACH SURFACE SLOPE 1:50

CENTRE-LINE OF SHIPPING CHANNEL

CONICAL SURFACE Slope 1:20

Bedok Reservoir

RESA 240m

CWY 60m

SWY 60m BITUMINOUS CONCRETE

TWR 81m

20 L

RESA 240m

CWY 60m

SWY 60m GROOVED BITUMINOUS CONCRETE

023°

02 L

APPROACH SURFACE SLOPE 1:50

TRANSITIONAL SURFACE SLOPE 1:7

TRANSITIONAL SURFACE SLOPE 1:7

CONICAL SURFACE Slope 1:20

INNER HORIZONTAL SURFACE 49m

SWY 60m BITUMINOUS CONCRETE

RESA 240m

CWY 60m

02 C

CWY 60m

SWY 60m GROOVED BITUMINOUS CONCRETE

RESA 240m

02 R

Tanah Merah Ferry Terminal

Restricted Waters
(Prior permission required
for vessels over 15m AMSL)

Obstacles which penetrate the surfaces specified in Annex 14, Chapter 4 are shown with elevations.
Other obstacles which may penetrate these surfaces are possible ships and oil rigs. These maritime vessels may not have obstruction lightings.

VAR 0°23' E (2020)
ANNUAL CHANGE
NEGLIGIBLE

Bedok Jetty

APPROACH SURFACE SLOPE 1:40

TAKE-OFF CLIMB SURFACE SLOPE 1:50

Possible Maritime Vessels of Variable Height

Restricted Waters
(Prior permission required
for vessels over 30m AMSL)

TAKE-OFF CLIMB SURFACE SLOPE 1:50

APPROACH SURFACE SLOPE 1:50

Restricted Waters
(Prior permission required
for vessels over 49m AMSL)

LEGEND

AERODROME REF POINT 01° 21' 33.16"N LAT 103° 59' 21.60"E LONG	⊕
ANTENNA, CHIMNEY, MAST, POLE, SPIRE or CRANE	⊙
SPOT HEIGHT IN METRES	•
BUILDING or STRUCTURE	▙
TREE	*
ROAD	
BUILD - UP AREA	

AMENDMENT RECORD

NO	DATE	ENTERED BY

HORIZONTAL SCALE 1 : 20,000

Meters 1000 500 0 1000 2000 3000 4000 5000

Feet 1000 0 5000 10000 15000 19000

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CHANGES : Updated obstacles and runway elevation at runway ends for Runway 02L/20R.

GRID : Grid lines and co-ordinates shown are based on WGS-84 datum.