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

WSD34
GND - 500 ft ALT

Possible Maritime Vessels of Variable Height

CENTRE-LINE OF SHIPPING CHANNEL

CAFHI Jetty

Jetty

Displaced Threshold

Changi Ferry Terminal

TRANSITIONAL SURFACE SLOPE 1:7

RESA 240m

CWY 270m

CWY 60m

SWY 60m BITUMINOUS CONCRETE

SWY 60m GROOVED BITUMINOUS CONCRETE

TWR 81m

MRT

CONICAL SURFACE Slope 1:20

Bedok Reservoir

Bedok Jetty

Tanah Merah Ferry Terminal

INNER HORIZONTAL SURFACE 49m

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

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

Restricted Waters
(Prior permission required
for vessels over 49m 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

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 : Hatched area markings near end of RWY 20C removed.

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