

ENROUTE CHART - ICAO

LEGEND

Aerodrome
 SINGAPORE
 Name of FIR
 Lower limit
 GND/WATER
 ACC SINGAPORE

Flight Information Region (FIR)
 Name of FIR
 Lower limit
 GND/WATER
 ACC SINGAPORE

Terminal Control Area (TMA)
 Name of TMA
 Airspace Classification
 Upper limit
 Lower limit
 Radio frequency (MHz)

Control Zone (CTR)
 Name of CTR
 Airspace Classification
 Upper limit
 Lower limit
 Radio frequency (MHz)

ATS route
 Route designator
 Magnetic track
 Distance in nautical miles
 Minimum flight altitude (MFL) level
 Lower limit (RNP) level
 Required navigation performance

ATS route reporting point-by-pass
 (No report is required on this route)

Reporting Point (RFP)
 Compulsory
 On Request

ATS/MET reporting point (MRP)
 Compulsory
 On Request

Restricted Airspace
 (Prohibited, R, Restricted, D, Danger)
 Identification of area
 Nationality letter
 Vertical limits

Collocated VOR and DME navigation aids (VOR/DME)
 Compass rose orientated on the chart to magnetic north

Identification for radio navigation aids (NAVAID)
 Name
 MFL
 Frequency
 Identification of call sign
 Geographical coordinates in WGS84
 Elevation of DME site (to the nearest 50ft)

COP at mid-point between VOR are not shown

Area Minimum Altitude (AMA)
 Each 2° quadrilateral contains an area minimum altitude (AMA) which represents the lowest altitude which may be used under instrument meteorological conditions (IMC). The AMA provides a minimum clearance of 1 000 feet (300m) above all terrain and obstacles in the quadrilateral. It is represented in thousands and hundreds of feet above mean sea level.
 Example: 3 500 feet

Always in which Mach Number Technique and RNAV are applied
 (Refer to pages ENR 1.8-13 to 1.8-18)
 A Inbound and Outbound flights exempted from reporting aircraft observations at these points.

WSIC/WMFC FIR BDRY REPORTING POINTS

WSIC	WSMFC	FIR BDRY	REPORTING POINTS
TAKUL	03 35 50N	104 05 54E	03 35 50N
MANIM	03 14 50N	104 05 54E	03 14 50N
REKOD	03 36 22N	104 09 42E	03 36 22N
RIVAL	03 36 22N	104 09 42E	03 36 22N
DOVOL	03 36 22N	104 17 3E	03 36 22N
ISOL	03 24 52N	104 26 18E	03 24 52N
ESGLO	03 19 34N	104 04 47E	03 19 34N

RVSM SEPARATION AVAILABLE SINGAPORE FIR
 B1N FL 290 AND FL 410 (inclusive)

AIRSPACE CLASSIFICATION IN THE SINGAPORE FIR

Airspace	Levels	Classification
Controlled airspace	FL 150 to FL 460	A
Controlled airspace more than 100 nm seawards from the coastline	Surface to FL 460	B
Control Zones (CTR)	Change CTR	C
ATS	Surface to upper limit	D
Uncontrolled airspace	Surface to upper limit	G*

CAUTION
 Consult respective NOTAMS and AIPs of States concerned for the latest information and the Civil Aviation Authority of Singapore does not accept responsibility for any errors or omissions in the information shown outside of Singapore FIR

MAGNETIC INFORMATION FOR THE YEAR 2020

