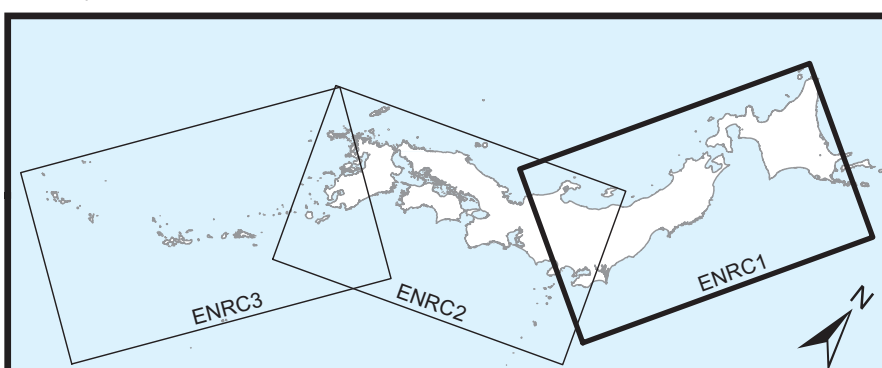


ENROUTE CHART - ICAO

EFFECTIVE
23 MAR 2023

JAPAN (Wakkanai - Tokyo) ENRC1

SCALE 1 : 1 400 000
The geodetic reference datum of this chart is WGS84.
Altitudes in Feet, Distances in Nautical Miles and
Bearings are Magnetic.



LEGEND

- 1. Aerodromes
 - Civil AD
 - Joint Civil & Military AD
 - Military AD
- 2. Radio Navigation Aids
 - DME
 - TACAN
 - NDB
 - VOR
 - VOR/DME
 - VORTAC
- 3. Identification for Radio Navigation Aids
 - Name, frequency, identification, channel and morse code

4. Rules of the Air Traffic Control

- ▲ Compulsory Reporting Point
- △ Non-compulsory Reporting Point
- ◇ RNAV Way Point
- ✈ Airway
 - MAG TR
 - DIST
 - Route designator
 - RNAV route
 - CDR1 or CDR2
 - DIST
 - Direction of traffic flow
 - Route designator
 - Navigation specification
- ✈ Direct route
 - DIST
 - MEAS
 - ✈ OTR
 - MAG TR
 - Route designator
 - DIST
 - MEAS

5. Boundaries

- ✈ FIR boundary
- ACC Sector boundary
- ADIZ
- Altimeter Setting Changing Line

6. Miscellaneous

- Restricted Areas, Airspace Restrictions
- JSDF Training/Testing Areas
- Supersonic Flight Area, Corridors
- Civil Training/Testing Areas
- Isogonic Line (2022)

ATS Routes / RNAV Routes Remarks (MCA, MRA, NAV GAP)

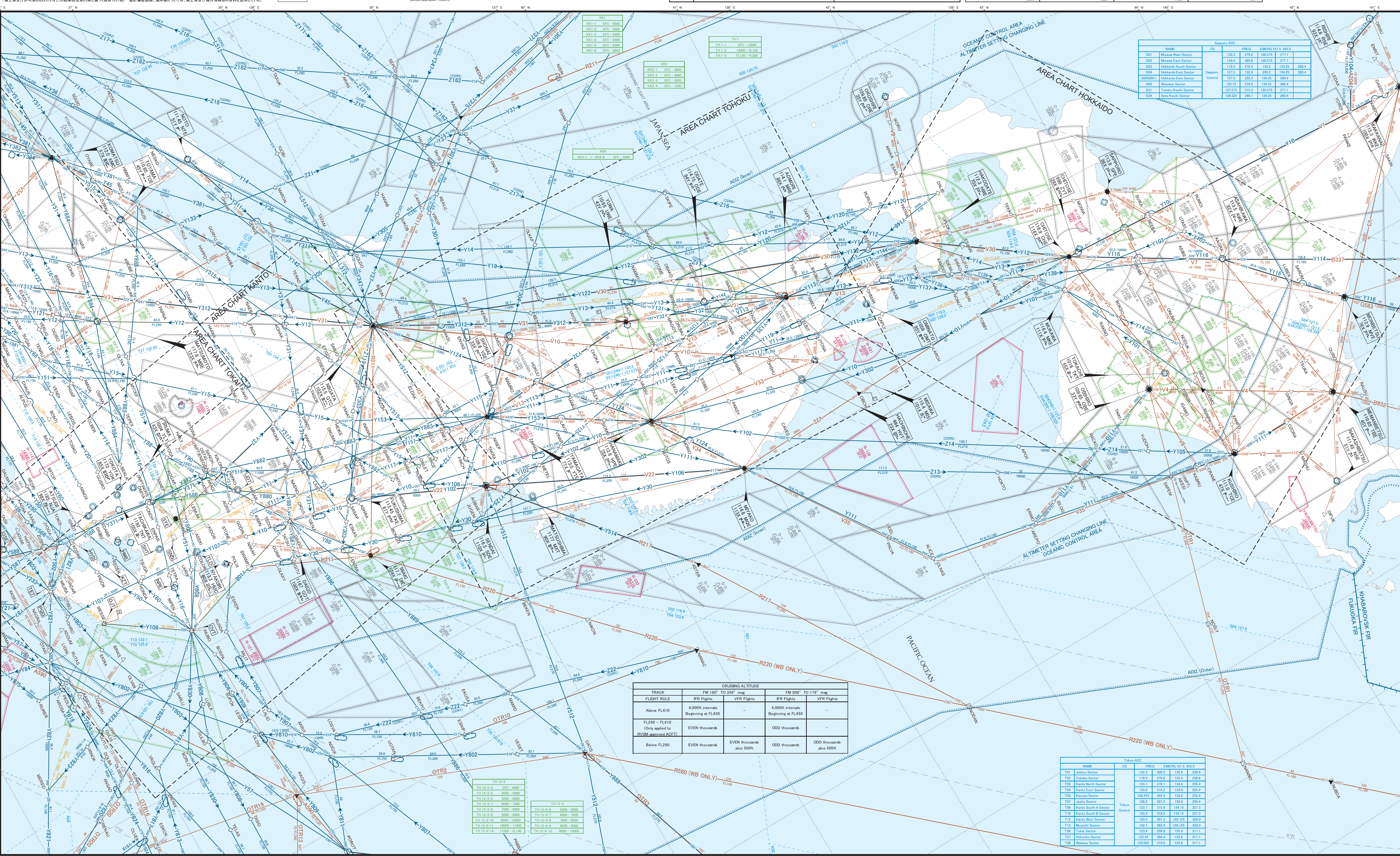
R217	SDE MCA 5600FT WB	V31	MRE MCA 6500FT SB
	MOE MRA FL290 at NODAN	V34	MAMRO MCA 11000FT EB
	NAV GAP BTN 20DME and 22DME FM SDE on SDE-GTC	V52	NAV GAP BTN 7DME and 15DME FM KMC
R220	IXE MCA FL150 DXE--BEKEN	Y142	NE SKO MCA FL260
	MOE MRA FL290 at NODAN	Y151	AMIDA MCA FL240
V2	TOMAM MCA 7000FT EB	Y31	KOHAK MCA FL240
V5	BISEI MCA 11000FT (BISEI--CHE)	Y37	KALON MCA 11000FT
V7	AWE MCA 7000FT EB		
	NAV GAP BTN 16DME and 18DME of AWE on AWE-TBE		
V10	YTE MRA FL200 at WAPPA		
V13	YTE MRA FL200 at WAPPA		
V15	NAV GAP BTN 48DME and 52DME FM SYE on SYE-GTC		
V30	NAV GAP DME unusable BTN 3DME and 7DME FM HWE ON HWE-CHE		

ENRC1

AWE	ASAHIKAWA	113.5	82X	DXE	IWAKI	117.7	124X	NRE	NARITA	117.9	126X	SHT	SHIMOFUSA	980	19X	WKE	WAKKANAI	115.3	100X
CHE	CHITOSE	116.9	116X	JDT	UTSUNOMIYA	1145	8Y	NSE	NAKASHIBETSU	111.45	51Y	SND	MORIYA	117X	47X	YLT	IRUMA	100X	43X
CVT	CHOSHI	1170	83X	KMC	KOMATSU	112.0	27X	NTE	NOTO	111.45	51Y	SPE	SAPPORO	113.9	80X	YOK	YOKOTA	117X	85X
FKE	FUKUSHIMA	113.45	81Y	KZT	KISARAZU	1124	37Y	OBE	OBISHIRO	109.65	33Y	SYE	SEKIYADO	117.0	47X	YSE	SHONAI	109.6	33X
GOT	DAIGO	1187	100X	MBE	MATSUMOTO	117.8	123X	ODE	ODATE	114.15	94Y	TBE	MEMANBETSU	114.5	45Y	YTE	YAMAGATA	113.9	77X
GTC	NIIGATA	115.5	102X	MIS	MISAWA	114.4	111X	OMT	OMINATO	1191	104X	TCE	KUSHIRO	111.0	47X	ZYT	CHITOSE	990	29X
HME	HANEDA	112.8	75X	MKE	MUKAWA	116.4	111X	ORE	OKUSHIRI	109.65	35Y	TET	TATEYAMA	109.6	25X				
HPE	HANAMAKI	112.8	75X	MOE	MIYAKO	116.4	111X	TKT	TOKACHI	109.65	35Y	TNT	TACHIKAWA	119.6	45Y				
HUC	HYAKURI	113.3	80X	MRE	ADOMORI	114.1	111X	TLD	AMI	107X	107X								
HVT	HACHINOHE	112.3	75X	MVE	MONBETSU	115.9	76X	TOE	TOYAMA	110.85	45Y								
HWE	HAKODATE	112.3	75X	MXT	MATSUSHIMA	1177	80X	UWE	YUWA	110.85	43Y								
HYD	YOKOSUKA	1196	100X	NJA	ATSUGI	1185	98X												

ENRC1

NAME	OS	FREQ	EMERG 121.5 243.0
S01 Misawa West Sector	133.3	279.2	120.575 277.1
S02 Misawa East Sector	134.3	279.8	120.575 277.1
S03 Hokkaido South Sector	119.3	279.5	133.5 134.25 260.4
S04 Hokkaido East Sector	127.5	132.9	255.2 134.25 260.4
S05 Hokkaido West Sector	127.5	255.2	134.25 260.4
S06 Hokkaido North Sector	127.5	279.8	134.25 260.4
S07 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S08 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S09 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S10 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S11 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S12 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S13 Tanaka Koushi Sector	127.5	279.8	134.25 260.4
S14 Tanaka Koushi Sector	127.5	279.8	134.25 260.4



TRACK	CRUISING ALTITUDE	
	FM 180° TO 330° mag	FM 000° TO 179° mag
FLIGHT RULE	IFR Flights	IFR Flights
Above FL410	4 000ft intervals Beginning at FL430	4 000ft intervals Beginning at FL450
FL290 - FL410 (Only applied to RVSM approved ACFT)	EVEN thousands	ODD thousands
Below FL290	EVEN thousands	ODD thousands

Tokyo AOC			
NAME	OS	FREQ	EMERG 121.5 243.0
T01 Tokyo Sector	133.3	279.2	120.575 277.1
T02 Tokyo Sector	119.3	279.5	133.5 134.25 260.4
T03 Tokyo North Sector	124.1	279.1	134.0 255.4
T04 Tokyo East Sector	133.6	316.2	134.0 255.4
T05 Tokyo West Sector	120.975	305.4	134.0 255.4
T06 Tokyo Sector	129.2	297.1	134.0 255.4
T07 Tokyo South A Sector	123.7	315.9	134.15 227.3
T08 Tokyo South B Sector	129.9	316.2	134.15 227.3
T09 Tokyo West Sector	120.9	301.2	126.125 226.0
T10 Tokyo Sector	123.1	292.4	126.125 226.0
T11 Tokyo Sector	129.9	258.0	125.6 317.1
T12 Tokyo Sector	132.45	304.4	125.6 317.1
T13 Tokyo Sector	130.025	310.0	125.6 317.1