ENROUTE CHART - ICAO

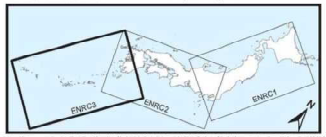
JAPAN (Kagoshima - Ishigakijima) ENRC3

EFFECTIVE
10 OCT 2019

SCALE 1 : 1 500 000

Lambert Conformal Conic Projection
Standard parallels 30° and 45°

The geodetic reference datum of this chart is WGS84.
All/duties in Feet, Distances in Nautical Miles and Bearings are Magnetic.



「海上保安庁刊行図2019年9月1日現在」を基準図法第2条第1項第3号及び第4号に基づいている。海上保安庁海洋情報部の資料を使用している。

ENRC3 LEGEND

1. Aerodromes
   - Civil AD
   - Joint Civil & Military AD
   - Military AD
2. Radio Navigation Aids
   - DME
   - TACAN
   - NDB
   - VOR
   - VOR/DME
   - VORTAC
   - NDB (Compulsory)
   - VORTAC (Compulsory)
   - VOR/DME (Compulsory)
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
   - RNAV route
   - Navigation specification (without description: Advisory)
   - ATS/MET Reporting Point (Compulsory)
   - ATS/MET Reporting Point (Non-compulsory)
   - Reporting required BLW FL240 only
   - Reporting required FL240 and ABV only
   - COP (Mid-point BTN VOR are not listed)
   - Direct route
   - OTR
5. Boundaries
   - FIR boundary
   - ACC Sector boundary
   - ACC 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 (2019)

Direct Routes for NDB

KANOYA NDB (JA)	JA KDB 357° 73NM/5300 SIBDI 99NM/5000 KANOO 119NM/5000 267° JACKY JA NDB 191° 15NM/1000 215° TOJAK JA NDB 215° 23NM/5300 355° KAZNA JA NDB 216° 79NM/5000 KINKO 119NM/5000 084° MONRA

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

A582	MUC MRA 13000FT at SAKON
B597	HKC MRA 8000FT at GUELN HKC MRA 8000FT at JOHEN
G339	MC 5 KUE MEA 6000FT at TUGEN TGE MRA 12000FT at MOMOD
R585	MJC MRA 13000FT at SAKON

Area/En-route Information Service (FSC)

CS	SITE	FREQ	CS	SITE	FREQ
NEW CHITOSE INFORMATION	KUSHIRO	126.1	OHSAKU INFORMATION	KONASTSU	126.05
	OBIHIRO	133.8		MIKAWA	126.5
	OKADAMA	134.75	OSAKA INFORMATION	MIKUMO	126.6
	YORUTSUSHIBE	127.1		KUSHIMOTO	126.75
	ASAMIKAWA	134.15	FUKUOKA INFORMATION	NISHO	134.15
SENDAI INFORMATION	AKITA	134.6		IWAKUNI	126.2
	JOBOKUYAMA	125.8		SHIMIZU	126.1
	NIIGATA	126.5		SANOUCHI	126.65
TOKYO INFORMATION	ENSHU	135.85		FUKUE	134.65
	TOKOMOTSUMA	134.35	KAGOSHIMA INFORMATION	KASUGA	126.8
	NAKASHI	134.8		AKUNAI	134.8
	MATSUMOTO	134.85	NAHA INFORMATION	YAEDAKE	123.1
	KANOME	134.7		MIYAKO	134.73

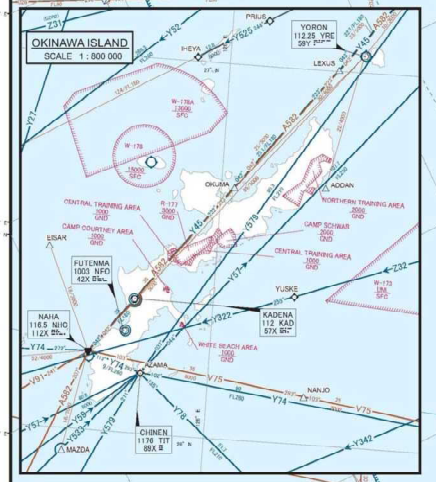
CRUISING ALTITUDE

TRACK	FM 180° TO 359° mag		FM 000° TO 179° mag	
FLIGHT RULE	IFR Flights	VFR Flights	IFR Flights	VFR Flights
Above FL410	4,000ft intervals Beginning at FL430	–	4,000ft intervals Beginning at FL450	–
FL210 - FL410 (Only applied to RVSM approved AGET)	EVEN thousands	–	ODD thousands	–
Below FL290	EVEN thousands	EVEN thousands plus 500ft	ODD thousands	ODD thousands plus 500ft

AKE	AMAKUSA	113.45 817	KKC	KUMEJIMA	114.7 114X
ALT	AMAMI	116.9 103X	MDS	MINAMI DAITO	117.8 118X
AME	KASARI	112.95 86Y	MJC	MIYAKOJIMA	113.45 81Y
FUE	FUKUE	109X	MZE	MIYAZAKI	115.8 71X
HKC	KAGOSHIMA	113.3 80X	NFO	FUTENMA	1003 42X
IGE	ISHIGAKIJIMA	115.4 101X	NHC	NAHA	116.9 112X
JA	KANOYA	238	NHT	NYUTABARU	1184 87X
JAT	KANOYA	1172 86X	OLS	NAGASAKI	116.5 113X
JBT	OMURA	1048 87Y	OKC	ERABU	113.1 78X
KAD	KADENA	112.5 87X	RME	TARAMA	115.65 43Y
KBE	KOKUBU	117.3 109X	SJE	SHIMOJISHIMA	117.1 115X
KGE	KAJIKI	119.7 104X	TGE	NAKATANE	119.4 101X

TIT	CHINEN	1176 89X	YKE	YAKUSHIMA	117.2 117X
TKE	TOKUNOSHIMA	112.45 43Y	YNE	YONAGUNI	115.55 87Y
YRE	YORON	112.25 59Y			

OKINAWA ISLAND
SCALE 1 : 800 000



ATMC

NAME	CS	FREQ North Pacific (NAT) NP-1	NP-2	NP-3	FREQ Central West Pacific (CWP) CWP-1	CWP-2
		3502 Khz	5607 Khz	8867 Khz	3455 Khz	3508 Khz
A31	Oceanic North A	5628 Khz	8903 Khz	8918 Khz	4630 Khz	4666 Khz
A32	Oceanic North B	13348 Khz	8951 Khz	13948 Khz	8830 Khz	8830 Khz
A33	Oceanic East	13270 Khz	11309 Khz	21823 Khz	10066 Khz	11264 Khz
A34	Oceanic South A	17946 Khz	17946 Khz		17934 Khz	13300 Khz
A35	Oceanic South B	21936 Khz	21936 Khz			17934 Khz

Tokyo: 126.5 MHz, 127.4 MHz

NAME	CS	FREQ	EMRG 121.5 243.0
NAT	Oceanic North Sector	135.3	135.0 135.1 276.1
NAS	Oceanic South Sector	135.35	135.2 135.3 276.1
KOK	Miyako West Sector	134.5	135.5 135.7 276.1
	Tokyo	0900 - 0900 Z SEE ATMC	

Kobe ACC

NAME	CS	FREQ	EMRG 121.5 243.0
KOT	Okino-Tori-Shima Sector	135.2	135.0 135.1 276.1
KAS	Okino-Daito Sector	135.35	135.2 135.3 276.1
KOK	Miyako West Sector	134.5	135.5 135.7 276.1
	Kobe	0900 - 0900 Z SEE ATMC	

Fukuoka ACC

NAME	CS	FREQ	EMRG 121.5 243.0
F02	Kanmi-Kyushu Sector	119.9	120.0 132.8 228.4
F05	West-Kyushu Sector	133.4	119.2 132.8 228.4
F06	South-Kyushu West Sector	133.65	119.5 132.8 276.0
F07	South-Kyushu High Sector	126.3	269.4 132.8 276.0
F09	South-Kyushu East Sector	133.3	269.2 132.8 276.7
F11	Chugoku High Sector	133.15	277.1 132.8 228.4
F15	Okino-West Sector	131.6	269.6 132.8 276.0
	Iwoto	0901 - 1900 Z SEE ATMC	
F17	Shikoku South Sector	124.25 *	269.2 * 118.25 255.7
	Fukuoka Area		

* Applied for AGT conducted with RF RTF flying at or ABV FL150 on V71

Fukuoka ACC

NAME	CS	FREQ	EMRG 121.5 243.0
F02	Kanmi-Kyushu Sector	119.9	120.0 132.8 228.4
F05	West-Kyushu Sector	133.4	119.2 132.8 228.4
F06	South-Kyushu West Sector	133.65	119.5 132.8 276.0
F07	South-Kyushu High Sector	126.3	269.4 132.8 276.0
F09	South-Kyushu East Sector	133.3	269.2 132.8 276.7
F11	Chugoku High Sector	133.15	277.1 132.8 228.4
F15	Okino-West Sector	131.6	269.6 132.8 276.0
	Iwoto	0901 - 1900 Z SEE ATMC	
F17	Shikoku South Sector	124.25 *	269.2 * 118.25 255.7
	Fukuoka Area		

* Applied for AGT conducted with RF RTF flying at or ABV FL150 on V71

Civil Aviation Bureau, Ministry of Land, Infrastructure, Transport and Tourism