

日本国内 VOR/DME/TACAN 局リスト (2025 年 4 月現在)

注意点:このリストは VHF 帯 Es 発生観測など私的研究目的で作成したものです。

留意事項

- 送信偏波:水平偏波 ※中・強電界域では垂直 ANT でも受信可能
ただしスポンディック層発生により臨海周波数が高い場合は偏波に関係なく良好に受信可能な場合もあります。
- 推奨受信モード:AM ですが一部広域帯受信対応アマチュア無線機において AM 受信感度が FM に比べて劣る機種は FM でも電波受信可否程度の確認は可能です。
。音響モ尔斯符号(AM 受信)ID 識別符号 3 文字送出間隔は VOR 約 5 秒/回、DME 約 30 秒/回
。VOR/DME/TACAN 等は飛行中の計器飛行(IFR)機に対する設備(無線局)であり、地上又は海上で受信される前提ではありません。
一部を除き IFR 機に対し不可領域が設定されています。これは方位や距離の測定精度誤差を防ぐ為、見通し距離通信・直接波を原則としている為
VOR/DME/TACAN 最大有効範囲半径 40nm(海里)又は空港飛行場敷地内や近傍施設局は 25nm とされています。
。この他技術文献は Wikipedia ほかにインターネット上に沢山ありますので検索をお勧めします。

リスト作成参考文献 国土交通省航空局 eAIP Japan ENR 4 無線航法施設／システム

名称	ID	周波数(CH)	時間(UTC)	位置	DME アンテナ標高	備考 不可領域など
AMAMI TACAN	ALT	1189MHz (CH-102X)	H24	282636.50N 1293500.24E	304.3m (998ft)	TACAN AZM unusable: 360°-010° beyond 30nm BLW 4000ft. 010°-040° beyond 25nm BLW 4000ft. 040°-060° beyond 30nm BLW 4000ft. 250°-270° beyond 25nm BLW 5000ft. 270°-290° beyond 25nm BLW 4000ft. 340°-360° beyond 30nm BLW 4000ft.
AMI DME	TLD	1194MHz (CH-107X)	H24	360115.58N 1401220.72E	41.4m (136ft)	Unusable: 340°-350° beyond 25nm BLW 5000ft.
AOMORI VOR	MRE	114.1MHz	H24	404419.65N 1404219.20E		VOR Unusable: 120°-150° beyond 15nm BLW 8000ft. 150°-160° beyond 15nm BLW 7000ft. 160°-190° beyond 25nm BLW 7000ft. 190°-200° beyond 25nm BLW 6000ft.
AOMORI DME	MRE	1175MHz (CH-88X)	H24	404420.20N 1404217.77E	230.2m (756ft)	DME Unusable: 100°-110° beyond 35nm BLW 8000ft. 110°-120° beyond 30nm BLW 8000ft. 120°-130° beyond 15nm BLW 8000ft. 130°-150° beyond 20nm BLW 8000ft. 150°-190° beyond 20nm BLW 7000ft. 190°-200° beyond 20nm BLW 6000ft. 200°-220° beyond 35nm BLW 6000ft.
ASAHIKAWA VOR/DME	AWE	113.5MHz 1169MHz (CH-82X)	H24	434002.15N 1422724.65E	234.4m (769ft)	VOR/DME Unusable: 080°-090° beyond 35nm BLW 9000ft. VOR Unusable: 090°-110° beyond 35nm BLW 10000ft. 110°-130° beyond 30nm BLW 10000ft. 130°-170° beyond 35nm BLW 10000ft. DME Unusable: 090°-110° beyond 25nm BLW 10000ft. 110°-170° beyond 30nm BLW 10000ft. 220°-230° beyond 30nm BLW 6000ft. 230°-240° beyond 35nm BLW 6000ft. 240°-260° beyond 20nm BLW 6000ft. 260°-290° beyond 35nm BLW 7000ft.

ASHIYA TACAN	AHT	984MHz (CH-23X)	H24	335314.74N 1303859.52E		Unusable: R000-010 beyond 37nm BLW 2000ft. R010-020 beyond 37nm BLW 3000ft. R070-080 beyond 38nm BLW 5000ft. R080-110 beyond 33nm BLW 5000ft. R110-130 beyond 20nm BLW 5000ft. R130-140 beyond 28nm BLW 6000ft. R140-150 beyond 24nm BLW 6000ft. R190-220 beyond 30nm BLW 6000ft. R220-230 beyond 27nm BLW 6000ft. R230-240 beyond 29nm BLW 6000ft. R240-250 beyond 19nm BLW 6000ft. R250-260 beyond 22nm BLW 5000ft. R260-270 beyond 14nm BLW 4000ft. R270-280 beyond 27nm BLW 4000ft. R340-350 beyond 36nm BLW 2000ft. R350-360 beyond 37nm BLW 2000ft.
ATSUGI TACAN	NJA	1185MHz (CH-98X)	H24	352644N139 2714E	64.3m(21 1ft)	Unusable: 010°-020° beyond 15nm BLW 3000ft. 020°-030° beyond 25nm BLW 3000ft. 030°-040° beyond 20nm BLW 3000ft. 040°-050° beyond 18nm BLW 3000ft. 050°-060° beyond 17nm BLW 3000ft. 060°-090° beyond 14nm BLW 3000ft. 090°-100° beyond 29nm BLW 3000ft. 100°-110° beyond 24nm BLW 4000ft. 110°-120° beyond 26nm BLW 4000ft. 120°-130° beyond 33nm BLW 4000ft.
AWAJI DME	AJD	1190MHz (CH-103X)	H24	341613.36N 1344246.85E	269.5m (884ft)	
CHICHIJIMA TACAN	CIT	1176MHz (CH-89X)	H24	270517.84N 1421307.78E	293.7m (963.6ft)	Unusable: 170°-180° beyond 35nm BLW 4000ft. 240°-280° beyond 5nm BLW 3000ft. 280°-290° beyond 10nm BLW 3000ft.
CHINEN TACAN	TIT	1176MHz (CH-89X)	H24	260938.40N 1274803.92E	4m165. (543ft)	
CHITOSE VOR/DME	CHE	116.9MHz 1203MHz (CH-116X)	H24	424159.65N 1414110.20E	26.4m (87ft)	DME unusable: 210°-220° beyond 35nm BLW 3000ft. 220°-240° beyond 30nm BLW 3000ft. 240°-250° beyond 30nm BLW 7000ft. 260°-270° beyond 35nm BLW 7000ft. 270°-300° beyond 35nm BLW 9000ft. 300°-310° beyond 35nm BLW 7000ft.
CHITOSE TACAN	ZYT	990MHz (CH-29X)	H24	424552N 1414025E	38.9m (128ft)	Unusable: 160°-180° beyond 20nm BLW 2000ft. 180°-190° beyond 25nm BLW 2000ft. 190°-200° beyond 20nm BLW 2000ft. 200°-220° beyond 25nm BLW 2000ft. 250°-260° beyond 25nm BLW 7000ft. 260°-270° beyond 35nm BLW 9000ft. 280°-300° beyond 35nm BLW 9000ft.
CHOSHI TACAN	CVT	1170MHz (CH-83X)	H24	354336.06N 1404759.68E	71.9m (236ft)	

CHUBU VOR/DME	CBE	117.8MHz 1212MHz (CH-125X)	H24	345128.82N 1364811.41E	12.0m (40ft)	VOR unusable: 260°-270° beyond 35nm BLW 5000ft. DME unusable: 240°-250° beyond 35nm BLW 7000ft. 280°-290° beyond 20nm BLW 5000ft.
DAIGO TACAN	GOT	1187MHz (CH-100X)	H24	364441.47N 1402058.42E	451.0m (1480ft)	TACAN DME unusable: 050°-060° beyond 25nm BLW 6000ft. 060°-070° beyond 25nm BLW 5000ft. 110°-120° beyond 30nm BLW 5000ft. TACAN AZM unusable: 360°-010° beyond 30nm BLW 6000ft. 050°-060° beyond 25nm BLW 6000ft. 060°-130° beyond 25nm BLW 5000ft.
ERABU VOR	ONC	113.1MHz	H24	272558.38N 1284156.27E		
ERABU TACAN	ONC	1165MHz (CH-78X)	H24	272600.15N 1284156.09E	66.5m (218ft)	TACAN AZM unusable: 360°-020° beyond 30nm BLW 3000ft. 050°-085° beyond 30nm BLW 3000ft. 200°-210° beyond 30nm BLW 3000ft. 210°-220° beyond 25nm BLW 3000ft. 220°-250° beyond 30nm BLW 3000ft. 295°-305° beyond 30nm BLW 3000ft. 340°-350° beyond 35nm BLW 3000ft.
FUKUE VOR/DME	FUE	115.8MHz 1192MHz (CH-105X)	H24	324006.98N 1284936.25E	88.7m (291ft)	Unusable 080°-090° beyond 25nm BLW 4000ft. 090°-100° beyond 15nm BLW 4000ft. 100°-120° beyond 10nm BLW 4000ft. 120°-140° beyond 5nm BLW 4000ft. 250°-260° beyond 25nm BLW 4000ft. 260°-300° beyond 15nm BLW 4000ft. 300°-360° beyond 25nm BLW 4000ft.
FUKUOKA VOR	DGC	114.5MHz	H24	334034.35N 1302322.66E		VOR unusable: 080°-100° beyond 30nm BLW 5000ft. 120°-130° beyond 30nm BLW 6000ft. 130°-140° beyond 30nm BLW 7000ft. 180°-200° beyond 25nm BLW 6000ft. 200°-210° beyond 35nm BLW 6000ft.
FUKUOKA TACAN	DGC	1179MHz (CH-92X)	H24	334033.52N 1302320.98E	19.7m (65ft)	TACAN DME unusable: 070°-090° beyond 30nm BLW 5000ft. 090°-120° beyond 30nm BLW 6000ft. 120°-130° beyond 25nm BLW 6000ft. 130°-140° beyond 30nm BLW 6000ft. 190°-240° beyond 35nm BLW 6000ft. TACAN AZM unusable: 070°-090° beyond 20nm BLW 5000ft. 090°-140° beyond 25nm BLW 6000ft. 170°-190° beyond 30nm BLW 6000ft. 190°-230° beyond 25nm BLW 6000ft. 230°-240° beyond 35nm BLW 6000ft. 260°-270° beyond 30nm BLW 3000ft. 270°-280° beyond 25nm BLW 3000ft. 280°-290° beyond 35nm BLW 3000ft.

FUKUSHIMA VOR/DME	FKE	113.45MHz 1042 MHz (CH-81Y)	H24	371327.50N 1402613.51E	400.3m (1313 ft)	VOR unusable: 040°-050° beyond 20nm BLW 6000ft. 050°-070° beyond 15nm BLW 6000ft. 070°-080° beyond 10nm BLW 6000ft. 080°-090° beyond 20nm BLW 6000ft. 090°-100° beyond 20nm BLW 5000ft. 100°-130° beyond 30nm BLW 5000ft. 130°-150° beyond 35nm BLW 5000ft. DME unusable: 040°-050° beyond 20nm BLW 6000ft. 050°-060° beyond 15nm BLW 6000ft. 060°-080° beyond 10nm BLW 6000ft. 080°-090° beyond 15nm BLW 6000ft. 090°-110° beyond 20nm BLW 5000ft. 110°-130° beyond 30nm BLW 5000ft. 130°-140° beyond 35nm BLW 5000ft.
FUTENMA TACAN	NFO	1003MHz (CH-42X)	H24	261607.8N 1274434.8E		Unusable: 031°-229° beyond 28nm BLW 6000ft. 230°-030° beyond 28nm BLW 3500ft.
GIFU TACAN	GFT	992MHz (CH-31X)	H24	352330N136 5130E		Unusable: R000-010 beyond 35NM BLW 10000ft R010-020 beyond 25NM BLW 10000ft R020-030 beyond 25NM BLW 9000ft R110-120 beyond 35NM BLW 8000ft R120-130 beyond 25NM BLW 7000ft R130-150 beyond 20NM BLW 6000ft R150-160 beyond 20NM BLW 5000ft R160-170 beyond 15NM BLW 4000ft R170-180 beyond 10NM BLW 4000ft R180-190 beyond 8NM BLW 4000ft R190-200 beyond 7NM BLW 3000ft R200-210 beyond 10NM BLW 5000ft R210-220 beyond 15NM BLW 7000ft R220-250 beyond 30NM BLW 7000ft R250-260 beyond 20NM BLW 7000ft R280-300 beyond 35NM BLW 7000ft R300-310 beyond 25NM BLW 7000ft R310-340 beyond 30NM BLW 8000ft
GOBOH DME	GBD	1203MHz (CH-116X)	H24	335436.66N 1350622.14E	309.7m (1016ft)	
HACHIJOJIMA VOR/DME	HCE	116.65MHz 1074MHz (CH-113Y)	H24	330651.66N 1394718.54E	103.4m (339ft)	Unusable: 090°-100° beyond 20NM below 5000ft. 100°-200° beyond 5NM below 5000ft. 280°-300° beyond 20NM below 5000ft. 300°-360° beyond 3NM below 5000ft.
HACHINOHE TACAN	HVT	984MHz (CH-23X)	H24	403321N 1412812E	45.1m (147.9ft)	TACAN unusable: R040-050 beyond 35NM BLW 2000ft. R060-070 beyond 36NM BLW 2000ft. R140-150 beyond 35NM BLW 5000ft. R150-170 beyond 32NM BLW 7000ft. R320-330 beyond 35NM BLW 5000ft. R330-340 beyond 25NM BLW 5000ft. R340-350 beyond 30NM BLW 4000ft. R350-360 beyond 35NM BLW 4000ft.

HAKODATE VOR/DME	HWE	112.3MHz 1157MHz (CH-70X)	H24	414626.51N 1404955.98E	91.4m (300ft)	VOR unusable: 020°-030° beyond 30nm BLW 6000ft. 030°-040° beyond 35nm BLW 5000ft. 070°-090° beyond 25nm BLW 5000ft. 090°-100° beyond 35nm BLW 5000ft. 100°-110° beyond 20nm BLW 4000ft. 200°-240° beyond 35nm BLW 5000ft. 340°-350° beyond 35nm BLW 6000ft. 350°-010° beyond 15nm BLW 6000ft. DME unusable: 000°-020° beyond 25nm BLW 6000ft. 100°-110° beyond 35nm BLW 4000ft. 340°-360° beyond 30nm BLW 6000ft.
HAMAMATSU TACAN	LHT	1181MHz (CH-94X)	H24	344450.47N 1374236.21E	66.3m (218ft)	Unusable: R150-170 beyond 18nm BLW 2000ft. R270-280 beyond 35nm BLW 3000ft. R280-290 beyond 32nm BLW 4000ft. R290-310 beyond 35nm BLW 5000ft. R310-320 beyond 30nm BLW 6000ft. R320-330 beyond 27nm BLW 6000ft. R330-340 beyond 37nm BLW 7000ft.
HANAMAKI VOR/DME	HPE	112.8MHz 1162MHz (CH-75X)	H24	392600.09N 1410800.60E	104.0m (341ft)	VOR unusable: 070°-080° beyond 35nm BLW 9000ft. 250°-270° beyond 35nm BLW 7000ft. 270°-290° beyond 30nm BLW 7000ft. 310°-320° beyond 35nm BLW 9000ft. DME unusable: 050°-070°beyond 35nm BLW 9000ft. 070°-080°beyond 30nm BLW 9000ft. 080°-090°beyond 35nm BLW 9000ft. 090°-100°beyond 25nm BLW 7000ft. 100°-120°beyond 35nm BLW 7000ft. 220°-240°beyond 35nm BLW 8000ft. 250°-270°beyond 30nm BLW 7000ft. 270°-280°beyond 25nm BLW 7000ft. 280°-290°beyond 20nm BLW 7000ft. 290°-310°beyond 35nm BLW 9000ft. 310°-320°beyond 25nm BLW 9000ft.320°-330°beyond 30nm BLW 9000ft.330° -340°beyond 35nm BLW 9000ft. 340°-350°beyond 30nm BLW 9000ft. 350°-360°beyond 35nm BLW 9000ft.

HOFU TACAN	FMT	1164MHz (CH-77X)	H24	340218.33N 1313244.67E	17.6m (57.7ft)	Unusable: R360-010 beyond 15nm BLW 5000ft. R010-020 beyond 13nm BLW 5000ft. R020-030 beyond 22nm BLW 6000ft. R030-040 beyond 35nm BLW 7000ft. R040-070 beyond 18nm BLW 7000ft. R070-080 beyond 15nm BLW 6000ft. R080-090 beyond 20nm BLW 5000ft. R090-100 beyond 35nm BLW 5000ft. R100-110 beyond 22nm BLW 5000ft. R120-130 beyond 28nm BLW 5000ft. R130-140 beyond 12nm BLW 4000ft. R140-150 beyond 10nm BLW 4000ft. R150-160 beyond 23nm BLW 4000ft. R160-170 beyond 34nm BLW 5000ft. R170-180 beyond 38nm BLW 5000ft. R200-210 beyond 30nm BLW 7000ft. R210-220 beyond 16nm BLW 7000ft. R220-230 beyond 14nm BLW 6000ft. R230-250 beyond 31nm BLW 6000ft. R250-270 beyond 19nm BLW 5000ft. R270-280 beyond 28nm BLW 5000ft. R280-290 beyond 23nm BLW 5000ft. R290-300 beyond 32nm BLW 5000ft. R300-310 beyond 22nm BLW 5000ft. R310-330 beyond 12nm BLW 5000ft. R330-350 beyond 17nm BLW 5000ft. R350-360 beyond 15nm BLW 5000ft.
HONGO VOR/DME	HGE	117.9MHz 1213MHz (CH-126X)	H24	342601.59N 1325526.29E	342.5m (1124ft)	VOR unusable: 270°-320° beyond 30nm BLW 7000ft. 320°-360° beyond 30nm BLW 6000ft. DME unusable: 050°-060°beyond 30nm BLW 5000ft. 270°-320°beyond 30nm BLW 7000ft. 320°-360°beyond 25nm BLW 6000ft.
HYAKURI VOR	HUC	113.3MHz	H24	361113.22N 1402449.42E		VOR unusable:R030-040 beyond 35nm BLW 2000ft.R070-080 beyond 35nm BLW 2000ft.R080-130 beyond 37nm BLW 2000ft.R130-140 beyond 32nm BLW 2000ft.R140-150 beyond 38nm BLW 2000ft.R270-280 beyond 38nm BLW 5000ft.R280-310 beyond 28nm BLW 5000ft.R310-320 beyond 30nm BLW 4000ft.R320-330 beyond 35nm BLW 4000ft.
HYAKURI TACAN	HUC	1167MHz (CH-80X)	H24	361114.81N 1402447.53E	162ft	TACAN unusable: R100-110 beyond 37nm BLW 2000ft. R120-130 beyond 25nm BLW 2000ft. R130-140 beyond 38nm BLW 2000ft. R270-280 beyond 30nm BLW 5000ft. R280-290 beyond 25nm BLW 5000ft. R290-300 beyond 34nm BLW 5000ft. R300-310 beyond 27nm BLW 5000ft. R310-320 beyond 30nm BLW 5000ft.

IKI VOR/DME	IKE	113.2MHz 1166MHz (CH-79X)	H24	334451.04N 1294636.67E	65.9m (216ft)	
ISHIGAKIJIMA VOR/DME	IGE	115.4MHz 1188MHz (CH-101X)	H24	242345.64N 1241416.63E	63.5m (208.3ft)	VOR unusable: 000°-020° beyond 20nm BLW 4000ft. 290°-325° beyond 15nm BLW 4000ft. 325°-360° beyond 20nm BLW 4000ft. DME unusable: 000°-020° beyond 20nm BLW 4000ft. 290°-335° beyond 20nm BLW 4000ft. 335°-345° beyond 15nm BLW 4000ft. 345°-360° beyond 20nm BLW 4000ft.
ITAMI VOR/DME	ITE	114.75MHz 1055MHz (CH-94Y)	H24	344819.74N 1352413.18E	53.7m (176.2ft)	Unusable: 000°-010° beyond 20nm BLW 5000ft. 010°-020° beyond 30nm BLW 5000ft. 020°-030° beyond 20nm BLW 5000ft. 030°-060° beyond 20nm BLW 6000ft. 060°-070° beyond 20nm BLW 5000ft. 240°-260° beyond 20nm BLW 6000ft. 260°-270° beyond 15nm BLW 6000ft. 270°-290° beyond 20nm BLW 6000ft. 290°-310° beyond 30nm BLW 6000ft. 310°-340° beyond 20nm BLW 6000ft. 340°-360° beyond 20nm BLW 5000ft.
IWAKI VOR/DME	IXE	117.7MHz 1211MHz (CH-124X)	H24	370855.91N 1405832.47E	162.9m (534ft)	VOR Unusable: 280°-310° beyond 25nm BLW 6000ft. 310°-340° beyond 30nm BLW 8000ft. 340°-360° beyond 35nm BLW 6000ft. DME Unusable: 230°-250° beyond 35nm BLW 5000ft. 250°-280° beyond 35nm BLW 6000ft. 280°-300° beyond 20nm BLW 6000ft. 300°-310° beyond 25nm BLW 6000ft. 310°-330° beyond 25nm BLW 8000ft. 330°-340° beyond 30nm BLW 8000ft. 340°-350° beyond 30nm BLW 6000ft. 350°-360° beyond 35nm BLW 6000ft.
IWAKUNI TACAN	NEU	996MHz (CH-35X)	H24	340930.27N 1321443.81E	38ft	Unusable: 201°-359° beyond 19nm BLW 14000ft.
IWOTO TACAN	IJT	996MHz (CH-35X)	H24	244704.39N 1411857.03E	124.6m (409ft)	TACAN Unusable: R030-050 beyond 34nm BLW 2000ft. R100-110 beyond 26nm BLW 2000ft. R110-120 beyond 22nm BLW 2000ft. R120-130 beyond 30nm BLW 2000ft. R130-140 beyond 36nm BLW 2000ft.
IZUMO VOR/DME	XZE	113.4MHz 1168MHz (CH-81X)	H24	352502.06N 1325332.54E	13.1m (43ft)	
KADENA VOR	KAD	112.0MHz	H24	262124.16N 1274606.73E		VOR unusable: 050°-060° beyond 15nm BLW 4500ft. 225°-250° beyond 30nm.

KADENA TACAN	KAD	1018MHz (CH-57X)	H24	262124.16N 1274606.73E	158ft	TACAN unusable: 010°-030° beyond 20nm BLW 6000ft. 110°-190° beyond 10nm. DME unusable: 110°-190° beyond 10nm BLW 5000ft.
KAGAWA VOR	KTE	108.4MHz	H24	341244.99N 1340121.33E		VOR unusable: 090°-110° beyond 30nm BLW 5000ft. 110°-140° beyond 25nm BLW 6000ft. 140°-240° beyond 20nm BLW 9000ft.
KAGAWA DME	KTE	982MHz (CH-21X)	H24	341244.33N 1340120.27E	212.2m (696ft)	DME unusable: 090°-110° beyond 30nm BLW 5000ft. 110°-140° beyond 20nm BLW 6000ft. 140°-240° beyond 20nm BLW 9000ft.
KAGOSHIMA VOR	HKC	113.3MHz	H24	314150.00N 1303458.59E		VOR Unusable: 150°-160° beyond 25nm BLW 7000ft.
KAGOSHIMA TACAN	HKC	1167MHz (CH-80X)	H24	314149.80N 1303500.26E	581m (1906ft)	TACAN DME Unusable: 150°-160° beyond 35nm BLW 7000ft. TACAN AZM Unusable: 050°-060° beyond 30nm BLW 8000ft. 060°-070° beyond 35nm BLW 8000ft. 150°-160° beyond 20nm BLW 7000ft.
KANOYA TACAN	JAT	1172MHz (CH-85X)	H24	312146N 1304949E	76.8m (252ft)	TACAN unusable: R360-010 beyond 11NM BLW 7000FT. R010-020 beyond 12NM BLW 8000FT. R080-090 beyond 35NM BLW 4000FT. R090-100 beyond 18NM BLW 5000FT. R100-110 beyond 16NM BLW 5000FT. R110-170 beyond 16NM BLW 6000FT. R170-200 beyond 14NM BLW 6000FT. R200-220 beyond 10NM BLW 5000FT. R220-230 beyond 12NM BLW 6000FT. R230-250 beyond 20NM BLW 6000FT. R250-280 beyond 25NM BLW 4000FT. R280-310 beyond 25NM BLW 5000FT. R310-320 beyond 14NM BLW 6000FT. R320-360 beyond 11NM BLW 7000FT.
KANSAI VOR/DME	KIE	111.6MHz 1014MHz (CH-53X)	H24	342532.66N 1351227.83E	11.55m (37.9ft)	VOR Unusable: 180°-190° beyond 35nm BLW 4000ft DME Unusable: 350°-030° beyond 30nm BLW 6000ft. 160°-170° beyond 35nm BLW 7000ft. 170°-180° beyond 30nm BLW 7000ft. 180°-190° beyond 20nm BLW 4000ft. 190°-200° beyond 30nm BLW 4000ft. 210°-220° beyond 30nm BLW 4000ft. 290°-310° beyond 30nm BLW 4000ft. 330°-350° beyond 35nm BLW 6000ft.

KASARI VOR/DME	AME	113.95MHz 1047MHz (CH-86Y)	H24	282604.98N 1294241.07E	13.1m (43ft)	VOR Unusable: 260°-280° beyond 20nm BLW 3000ft .DME Unusable: 360°-010° beyond 20nm BLW 3000ft. 260°-280° beyond 15nm BLW 3000ft. 280°-300° beyond 20nm BLW 3000ft.3 20°-360° beyond 20nm BLW 3000ft.
KIBI VOR/DME	OYE	111.0MHz 1008MHz (CH-47X)	H24	344501.38N 1335006.20E	268.2m (880ft)	
KOCHI VOR/DME	KRE	113.7MHz 1171MHz (CH-84X)	H24	333230.42N 1334048.57E	16.3m (54ft)	Unusable: 010°-040° beyond 30nm BLW 8000ft. 040°-060° beyond 30nm BLW 9000ft. 340°-010° beyond 30nm BLW 9000ft.
KOMATSU VOR	KMC	112.0MHz	H24	362347.29N 1362415.31E		VOR unusable: 100°-110° beyond 30nm BLW 8000ft. 130°-150° beyond 30nm BLW 11000ft. 150°-170° beyond 30nm BLW 8000ft.
KOMATSU TACAN	KMC	1018MHz (CH-57X)	H24	362347.36N 1362418.49E		TACAN unusable: R080-090 beyond 25nm BLW 8000ft. R090-110 beyond 27nm BLW 9000ft. R110-130 beyond 33nm BLW 11000ft. R130-140 beyond 27nm BLW 11000ft. R140-150 beyond 30nm BLW 11000ft. R150-160 beyond 36nm BLW 11000ft. R160-180 beyond 25nm BLW 8000ft. R180-190 beyond 35nm BLW 8000ft. R190-200 beyond 32nm BLW 8000ft. R210-220 beyond 33nm BLW 5000ft.
KOMATSUSHI MA TACAN	KJT	1043MHz (CH-82Y)	2300-0745 EXC FRI 0746- SUN 2259 and HOL. Other time 1HR PN.	340015N 1343732E	17.3m (57ft)	Unusable: R030-050 beyond 32nm BLW 4000ft. R070-080 beyond 36nm BLW 7000ft. R160-170 beyond 38nm BLW 4000ft. R170-180 beyond 30nm BLW 4000ft. R180-190 beyond 32nm BLW 4000ft. R190-200 beyond 26nm BLW 4000ft. R200-220 beyond 26nm BLW 6000ft. R220-230 beyond 32nm BLW 7000ft. R230-240 beyond 32nm BLW 8000ft. R240-260 beyond 24nm BLW 9000ft. R260-270 beyond 30nm BLW 9000ft. R300-310 beyond 24nm BLW 6000ft. R310-320 beyond 22nm BLW 5000ft. R320-330 beyond 38nm BLW 5000ft. R330-340 beyond 36nm BLW 5000ft. R340-350 beyond 38nm BLW 5000ft.
KOWA TACAN	XMT	1169MHz (CH-82X)	H24	344216.54N 1365726.73E	99.4m (327ft)	TACAN AZM unusable: 040°-060° beyond 35nm BLW 6000ft. 080°-100° beyond 25nm BLW 4000ft. 100°-130° beyond 35nm BLW 4000ft. 160°-190° beyond 35nm BLW 3000ft. 340°-350° beyond 25nm BLW 4000ft. 350°-010° beyond 15nm BLW 4000ft.

KUGA TACAN	IWT	1177MHz (CH-90X)	H24	340447.64N 1320850.31E	653.8m (2145ft)	
KUMAMOTO VOR/DME	KUE	112.8MHz 1162MHz (CH-75X)	H24	325005.29N 1305029.45E	198.3m (651ft)	VOR unusable: 030°-090° beyond 25nm BLW 8000ft. 090°-120° beyond 15nm BLW 8000ft. 120°-150° beyond 25nm BLW 8000ft. 150°-180° beyond 35nm BLW 8000ft. DME unusable: 050°-100° beyond 35nm BLW 8000ft. 100°-120° beyond 25nm BLW 8000ft. 120°-130° beyond 30nm BLW 8000ft. 130°-170° beyond 35nm BLW 8000ft.
KUMEJIMA VOR	KXC	116.7MHz	H24	262218.73N 1264319.43E		VOR unusable: 080°-100° beyond 15nm BLW 4000ft. 100°-150° beyond 20nm BLW 3000ft.
KUMEJIMA TACAN	KXC	1201MHz (CH-114X)	H24	262218.01N 1264317.89E	17.3m (57ft)	TACAN DME unusable: 080°-100° beyond 15nm BLW 4000ft. 100°-150° beyond 20nm BLW 3000ft. 150°-160° beyond 25nm BLW 3000ft. 160°-170° beyond 30nm BLW 3000ft. TACAN AZM unusable: 040°-060° beyond 35nm BLW 3000ft. 070°-080° beyond 30nm BLW 4000ft. 080°-100° beyond 10nm BLW 4000ft. 100°-110° beyond 5nm BLW 3000ft. 110°-120° beyond 10nm BLW 3000ft. 120°-150° beyond 15nm BLW 3000ft. 150°-190° beyond 20nm BLW 3000ft. 190°-200° beyond 25nm BLW 3000ft. 200°-210° beyond 30nm BLW 3000ft. 210°-220° beyond 35nm BLW 3000ft.
KUSHIMOTO VOR	KEC	112.9MHz	H24	332651.87N 1354740.18E		
KUSHIMOTO TACAN	KEC	1163MHz (CH-76X)	H24	332652.85N 1354738.40E	49.0m (161ft)	TACAN AZM unusable: 050°-070° beyond 20nm BLW 3000ft. 070°-080° beyond 10nm BLW 3000ft. 110°-120° beyond 30nm BLW 3000ft. 270°-290° beyond 35nm BLW 3000ft. 290°-300° beyond 25nm BLW 3000ft. 310°-320° beyond 35nm BLW 7000ft. 320°-330° beyond 30nm BLW 7000ft. 330°-360° beyond 35nm BLW 7000ft.
KUSHIRO VOR/DME	TCE	111.0MHz 1008MHz (CH-47X)	H24	430209.78N 1441202.72E	104.0m (342ft)	DME unusable: 300°-310° beyond 35nm BLW 5000ft. 340°-350° beyond 35nm BLW 7000ft.
MAIZURU TACAN	MZT	1120MHz (CH-33Y)	2300-0745 EXC FRI 0746-SUN 2259 and HOL. Other time 1HR PN.	353253N 1352532E	614m (2014ft)	

MATSUMOTO VOR/DME	MBE	117.6MHz 1210MHz (CH-123X)	H24	360921.51N 1375511.34E	688.8m (2260ft)	Unusable: 050°-060° beyond 30nm BLW 11000ft. 060°-070° beyond 25nm BLW 11000ft. 070°-075° beyond 20nm BLW 11000ft. 075°-085° beyond 25nm BLW 11000ft. 085°-095° beyond 15nm BLW 11000ft. 095°-110° beyond 20nm BLW 11000ft. 110°-120° beyond 25nm BLW 13000ft. 120°-130° beyond 30nm BLW 13000ft. 195°-220° beyond 30nm BLW 13000ft. 220°-235° beyond 25nm BLW 13000ft. 235°-275° beyond 20nm BLW 13000ft. 275°-305° beyond 25nm BLW 13000ft. 305°-335° beyond 20nm BLW 13000ft. 335°-345° beyond 30nm BLW 12000ft.
MATSUYAMA VOR/DME	MYE	110.65MHz 1130MHz (CH-43Y)	H24	334948.37N 1324132.00E	13.9m (46ft)	VOR Unusable in the following area 070°-090° beyond 30NM BLW 9000FT. 100°-150° beyond 30NM BLW 9000FT. DME Unusable in the following area 050°-070° beyond 30NM BLW 9000FT .070°-080° beyond 25NM BLW 9000FT. 080°-200° beyond 30NM BLW 9000FT. 200°-220° beyond 30NM BLW 6000FT. 340°-350° beyond 30NM BLW 6000FT.
MEMANBETSU VOR/DME	TBE	110.85MHz 1132MHz (CH-45Y)	H24	435305.67N 1440958.26E	40.2m (132ft)	
MIHO TACAN	JET	1201MHz (CH-114X)	H24	353151.77N 1330538.72E	516.8m (1696ft)	TACAN azimuth Unusable in the following areas: 010° between 10NM and 20NM below 12000ft. 167° between 10NM and 20NM below 12000ft.
MINAMIDAITO VOR/DME	MDE	117.8MHz 1212MHz (CH-125X)	H24	255116.14N 1311549.64E	59m (194ft)	
MINAMI TORISHIMA TACAN	MLT	984MHz (CH-23X)	H24	241722N 1535839E	12.1m (40ft)	TACAN unusable: R160-210 beyond 22NM BLW 2000FT.
MISAWA VOR	MIS	115.4MHz	H24	404213.76N 1412251.99E		VOR unusable: R050-100 beyond 25nm BLW 5500ft. R135-200 WI 20nm BLW 5500ft beyond 20nm BLW 15000ft. R240-280 beyond 30nm BLW 9500ft. R310-350 beyond 20nm all ALT.
MISAWA TACAN	MIS	1188MHz (CH-101X)	H24	404213.76N 1412251.99E		TACAN AZM and DME unusable: 050°-065° beyond 25nm BLW 3000ft. TACAN DME unusable: 260°-275° beyond 39nm.
MISHIMA TACAN	MIT	1004MHz (CH-43X)	H24	344618N 1310817E	198.88m (652ft)	Unusable: R260-270 beyond 20nm BLW 3000ft. R320-340 beyond 20nm BLW 3000ft.

MIYAKO VOR/DME	MQE	116.6MHz 1200MHz (CH-113X)	H24	395156.30N 1415703.84E	192.4m (632ft)	VOR unusable: 210°-220° beyond 35nm BLW 7000ft. 220°-260° beyond 35nm BLW 9000ft. 260°-270° beyond 25nm BLW 9000ft. 270°-290° beyond 30nm BLW 9000ft. 290°-310° beyond 25nm BLW 7000ft. 310°-320° beyond 30nm BLW 7000ft. 320°-330° beyond 35nm BLW 5000ft. DME Unusable: 080°-110° beyond 20nm BLW 3000ft. 190°-220° beyond 35nm BLW 7000ft. 220°-250° beyond 30nm BLW 9000ft. 250°-260° beyond 25nm BLW 9000ft. 260°-280° beyond 15nm BLW 9000ft. 280°-290° beyond 30nm BLW 9000ft. 290°-310° beyond 20nm BLW 7000ft. 310°-320° beyond 25nm BLW 7000ft. 320°-330° beyond 25nm BLW 5000ft. 330°-340° beyond 35nm BLW 5000ft.
MIYAKOJIMA VOR	MJC	113.45MHz	H24	244638.61N 1251736.27E		
MIYAKOJIMATA CAN	MJC	1042MHz (CH-81Y)	H24	244637.24N 1251735.33E	46.2m (152ft)	TACAN AZM unusable: 050°-060° beyond 20nm BLW 3000ft. 060°-090° beyond 30nm BLW 3000ft. 090°-110° beyond 25nm BLW 3000ft. 110°-130° beyond 30nm BLW 3000ft. 130°-160° beyond 35nm BLW 3000ft.
MIYAZAKI VOR/DME	MZE	112.4MHz 1158MHz (CH-71X)	H24	315243.42N 1312614.88E	16.3m (54ft)	VOR Unusable: 200°-210° beyond 30nm BLW 7000ft. 210°-230° beyond 35nm BLW 7000ft. 230°-250° beyond 25nm BLW 7000ft DME Unusable: 016° between 3nm and 9nm at 6000ft. 033° between 7nm and 10nm at 9000ft. 339° between 2nm and 11nm at 10000ft.
MIYAZU VOR/DME	YME	112.6MHz 1160MHz (CH-73X)	H24	352850.49N 1350813.28E	739.9m (2428ft)	
MONBETSU VOR/DME	MVE	112.9MHz 1163MHz (CH-76X)	H24	441818.96N 1432342.33E	48.4m (159ft)	DME Unusable: 150°-170° beyond 30nm BLW 4000ft. 170°-200° beyond 30nm BLW 6000ft. 260°-280° beyond 30nm BLW 6000ft.
MUKAWA VOR/DME	MKE	116.4MHz 1198MHz (CH-111X)	H24	423318.02N 1415720.27E	28.8m (95ft)	
MUSASHI VOR/DME	TFE	117.7MHz 1211MHz (CH-124X)	H24	332922.97N 1314343.52E	30.4m (100ft)	VOR Unusable: 210°-220° beyond 35nm BLW 8000ft. 240°-260° beyond 35nm BLW 8000ft. 270°-330° beyond 30nm BLW 6000ft DME Unusable: 260°-270° beyond 35nm BLW 8000ft. 270°-290° beyond 15nm BLW 6000ft. 290°-330° beyond 30nm BLW 6000ft. 330°-340° beyond 30nm BLW 5000ft.

NAGASAKI VOR/DME	OLE	116.6MHz 1200MHz (CH-113X)	H24	325418.89N 1295504.73E	46.8m (154ft)	VOR Unusable: 040°-070° beyond 25nm BLW 6000ft. 070°-090° beyond 20nm BLW 6000ft. DME Unusable: 030°-070° beyond 20nm BLW 6000ft. 070°-090° beyond 15nm BLW 6000ft. 160°-170° beyond 30nm BLW 5000ft. 170°-200° beyond 20nm BLW 4000ft. 200°-210° beyond 10nm BLW 4000ft. 210°-240° beyond 20nm BLW 4000ft. 260°-300° beyond 20nm BLW 4000ft.
NAGOYA VOR	KCC	114.2MHz	H24	351554.96N 1365453.73E		VOR Unusable: 200°-210° beyond 35nm BLW 5000ft. 260°-270° beyond 30nm BLW 7000ft. 320°-340° beyond 20nm BLW 8000ft.
NAGOYA TACAN	KCC	1176MHz (CH-89X)	H24	351555.75N 1365452.23E	25.2m (83ft)	TACAN DME unusable: 200°-210° beyond 35nm BLW 5000ft. TACAN AZM unusable: 160°-180° beyond 35nm BLW 5000ft. 180°-200° beyond 30nm BLW 5000ft. 200°-210° beyond 25nm BLW 5000ft. 260°-270° beyond 35nm BLW 7000ft.
NAHA VOR	NHC	116.5MHz	H24	261230.71N 1273834.32E		
NAHA TACAN	NHC	1199MHz (CH-112X)	H24	261229.51N 1273833.44E	17.3m (56.8ft)	TACAN AZM Unusable: 340°-030° beyond 35nm BLW 3000ft. 060°-070° beyond 35nm BLW 3000ft. 070°-120° beyond 30nm BLW 3000ft. 120°-130° beyond 20nm BLW 3000ft. 130°-150° beyond 25nm BLW 3000ft. 150°-160° beyond 30nm BLW 3000ft. 170°-180° beyond 35nm BLW 3000ft. 240°-300° beyond 35nm BLW 3000ft.
NAKASHIBETSU VOR/DME	NSE	111.45MHz 1138MHz (CH-51Y)	2330-0930	433438.50N 1445701.81E	80.2m (264ft)	VOR unusable: 290°-300° beyond 30nm BLW 6000ft. 300°-310° beyond 25nm BLW 6000ft. 310°-320° beyond 30nm BLW 8000ft. 320°-340° beyond 25nm BLW 8000ft. 340°-350° beyond 20nm BLW 8000ft. 350°-010° beyond 30nm BLW 8000ft. DME unusable: 280°-300° beyond 30nm BLW 6000ft. 300°-310° beyond 25nm BLW 6000ft. 310°-320° beyond 30nm BLW 8000ft. 320°-340° beyond 25nm BLW 8000ft. 340°-350° beyond 15nm BLW 8000ft. 350°-010° beyond 30nm BLW 8000ft.
NAKATANE VOR/DME	TGE	115.4MHz 1188MHz (CH-101X)	H24	303607.76N 1305929.52E	247.0m (810.4ft)	DME unusable: 130°-160° beyond 15nm BLW 3000ft.
NANKI VOR/DME	NKE	109.05MHz 1114MHz (CH-27Y)	H24	333940.55N 1352133.89E	103.0m (338ft)	

NARITA VOR/DME	NRE	117.9MHz 1213MHz (CH-126X)	H24	354656.44N 1402145.13E	46.9m (154ft)	VOR unusable: 110°-120° beyond 15nm BLW 3000ft. 120°-150° beyond 25nm BLW 3000ft. 170°-180° beyond 35nm BLW 3000ft. 210°-220° beyond 35nm BLW 4000ft. 260°-270° beyond 35nm BLW 3000ft. 280°-300° beyond 25nm BLW 3000ft. Note: There is a course roughness due to crossing over the station by other aircraft. DME unusable: 060°-110° beyond 30nm BLW 3000ft. 110°-120° beyond 20nm BLW 3000ft. 130°-140° beyond 25nm BLW 3000ft. 140°-150° beyond 35nm BLW 4000ft. 260°-270° beyond 35nm BLW 3000ft. 280°-300° beyond 25nm BLW 3000ft.
NIIGATA VOR	GTC	115.5MHz	H24	375729.86N 1390653.59E		
NIIGATA TACAN	GTC	1189MHz (CH-102X)	H24	375729.71N 1390656.04E	11.89m (39ft)	TACAN DME unusable: 100°-110° beyond 35nm BLW 9000ft. TACAN AZM unusable: 100°-120° beyond 35nm BLW 9000ft. 320°-330° beyond 20nm BLW 3000ft.
NOTO VOR/DME	NTE	111.45MHz 1138MHz (CH-51Y)	H24	371723.86N 1365746.48E	241.5m (793ft)	DME unusable: 000°-010° beyond 30nm BLW 4000ft. 010°-030° beyond 35nm BLW 4000ft. 350°-360° beyond 35nm BLW 4000ft.
NYUTABARU TACAN	NHT	1184MHz (CH-97X)	H24	320449.48N 1312713.62E	80.2m (263ft)	Unusable: R360-010 beyond 22NM BLW 8,000ft. R010-020 beyond 30NM BLW 8,000ft. R040-050 beyond 38NM BLW 5,000ft. R050-060 beyond 38NM BLW 4,000ft. R060-070 beyond 28NM BLW 2,000ft. R070-090 beyond 33NM BLW 2,000ft. R090-100 beyond 30NM BLW 2,000ft. R100-170 beyond 29NM BLW 2,000ft. R170-180 beyond 21NM BLW 5,000ft. R180-190 beyond 27NM BLW 6,000ft. R190-200 beyond 30NM BLW 6,000ft. R200-210 beyond 23NM BLW 6,000ft. R210-230 beyond 31NM BLW 6,000ft. R230-270 beyond 36NM BLW 8,000ft. R270-280 beyond 30NM BLW 8,000ft. R280-290 beyond 23NM BLW 7,000ft. R290-310 beyond 28NM BLW 8,000ft. R310-320 beyond 26NM BLW 8,000ft. R320-330 beyond 30NM BLW 8,000ft. R330-360 beyond 27NM BLW 8,000ft.
OBIHIRO VOR/DME	OBE	109.65MHz 1120MHz (CH-33Y)	H24	424402.27N 1431313.63E	161.4m (530ft)	Unusable: 230°-240° beyond 35nm BLW 8000ft. 250°-260° beyond 35nm BLW 9000ft. 260°-280° beyond 30nm BLW 9000ft. 280°-290° beyond 35nm BLW 9000ft. 300°-310° beyond 35nm BLW 8000ft.

ODATE VOR/DME	ODE	114.75MHz 1055MHz (CH-94Y)	2300-1030	401154.03N 1402142.68E	93.85m (308ft)	VOR Unusable: 010°-020° beyond 35nm BLW 8000ft. 100°-110° beyond 35nm BLW 6000ft. 110°-130° beyond 35nm BLW 9000ft. 150°-160° beyond 30nm BLW 8000ft. 320°-340° beyond 35nm BLW 6000ft. 340°-350° beyond 25nm BLW 6000ft. 350°-360° beyond 35nm BLW 8000ft. DME Unusable: 100°-110° beyond 35nm BLW 6000ft. 110°-130° beyond 35nm BLW 9000ft. 150°-160° beyond 30nm BLW 8000ft. 320°-340° beyond 35nm BLW 6000ft. 340°-350° beyond 35nm BLW 6000ft. 350°-360° beyond 35nm BLW 8000ft.
OKI VOR/DME	OIE	109.25MHz 1116MHz (CH-29Y)	H24	361036.27N 1331922.16E	82.3m (270ft)	Unusable: 020°-030° beyond 15nm BLW 3000ft. 200°-240° beyond 20nm BLW 3000ft. 290°-020° beyond 15nm BLW 4000ft.
OKUSHIRI VOR/DME	ORE	109.85MHz 1122MHz (CH-35Y)	0000-0800	420413.09N 1392636.25E	51.1m (168ft)	VOR unusable: 360°-010° beyond 15nm BLW 4000ft. 010°-030° beyond 10nm BLW 4000ft. 030°-070° beyond 30nm BLW 7000ft. 350°-360° beyond 30nm BLW 3000ft. DME unusable: 360°-010° beyond 15nm BLW 4000ft. 010°-030° beyond 10nm BLW 4000ft. 030°-050° beyond 25nm BLW 7000ft. 050°-070° beyond 30nm BLW 7000ft. 320°-350° beyond 30nm BLW 3000ft. 350°-360° beyond 25nm BLW 3000ft.
OMINATO TACAN	OMT	1056MHz (CH-95Y)	2300-0745EXC FRI 0746-SUN 2259 and HOL.Other time 1HR PN.	411351N141 0809E	16.0m (52.6ft)	TACAN unusable:R010-020 beyond 16NM BLW 5000ft.R020-030 beyond 30NM BLW 5000ft.R090-100 beyond 35NM BLW 3000ft.R100-120 beyond 33NM BLW 4000ft.R120-130 beyond 30NM BLW 4000ft.R130-150 beyond 28NM BLW 4000ft.R150-160 beyond 32NM BLW 4000ft.R250-260 beyond 29NM BLW 5000ft.R260-270 beyond 27NM BLW 5000ft.R270-290 beyond 25NM BLW 5000ft.R290-300 beyond 20NM BLW 5000ft.R300-320 beyond 12NM BLW 5000ft.R320-350 beyond 5NM BLW 5000ft.R350-010 beyond 7NM BLW 5000ft.

OMURA TACAN	JBT	1048MHz (CH-87Y)	H24	325533N 1295556E	24.3m (80ft)	TACAN Unusable: R350 - 010 beyond 26nm BLW 5000ft R010 - 020 beyond 31nm BLW 6000ft R020 - 030 beyond 25nm BLW 6000ft R030 - 040 beyond 21nm BLW 6000ft R040 - 090 beyond 14nm BLW 6000ft R090 - 100 beyond 21nm BLW 6000ft R100 - 110 beyond 30nm BLW 7000ft R120 - 130 beyond 30nm BLW 7000ft R140 - 150 beyond 29nm BLW 5000ft R150 - 160 beyond 37nm BLW 5000ft R160 - 170 beyond 29nm BLW 5000ft R170 - 180 beyond 26nm BLW 5000ft R180 - 200 beyond 20nm BLW 4000ft R200 - 220 beyond 12nm BLW 4000ft R220 - 230 beyond 20nm BLW 4000ft R230 - 240 beyond 27nm BLW 4000ft R240 - 250 beyond 36nm BLW 4000ft R250 - 260 beyond 28nm BLW 4000ft R260 - 270 beyond 22nm BLW 4000ft R270 - 280 beyond 19nm BLW 4000ft R280 - 290 beyond 25nm BLW 4000ft R290 - 300 beyond 36nm BLW 4000ft R310 - 320 beyond 37nm BLW 4000ft R330 - 350 beyond 36nm BLW 5000ft
ONJUKU TACAN	OJT	1191MHz (CH-104X)	H24	351102.89N 1402217.14E	111.2m (365ft)	TACAN AZM unusable: 360°-060° beyond 10nm BLW 3000ft. 180°-190° beyond 25nm BLW 3000ft. 250°-270° beyond 10nm BLW 4000ft. 270°-310° beyond 30nm BLW 4000ft. 223° BTN 10nm and 20nm BLW 5500ft. 225° BTN 10nm and 20nm BLW 5500ft.
OSHIMA VOR	XAC	113.1MHz	H24	344244.11N 1392450.46E		VOR unusable: 300°-310° beyond 35nm BLW 7000ft. 310°-320° beyond 20nm BLW 7000ft. 320°-330° beyond 25nm BLW 7000ft. 330°-350° beyond 35nm BLW 7000ft.
OSHIMA TACAN	XAC	1165MHz (CH-78X)	H24	344245.39N 1392448.61E	636.5m (2088ft)	TACAN DME unusable: 300°-310° beyond 30nm BLW 7000ft. 310°-330° beyond 25nm BLW 7000ft. 330°-350° beyond 35nm BLW 7000ft. TACAN AZM unusable: 300°-310° beyond 30nm BLW 7000ft. 310°-330° beyond 10nm BLW 7000ft. 330°-340° beyond 15nm BLW 7000ft. 340°-350° beyond 30nm BLW 7000ft.
OYAMA VOR/DME	MOE	108.65MHz1 110MHz (CH-23Y)	H24	340415.75N 1393340.64E	19.3m (63.3ft)	Unusable:240°-350° beyond 4nm BLW 5000ft

OZUKI TACAN	OCT	1145MHz (CH-58Y)	2300-0745 EXC FRI 0746-SUN 2259 HOL and 12/29-1/3. Other time 1HR PN.	340239N 1310259E	15.2m (50ft)	TACAN unusable: R360-010 beyond 18nm BLW 5000ft. R010-040 beyond 20nm BLW 5000ft. R040-060 beyond 20nm BLW 6000ft. R060-070 beyond 15nm BLW 6000ft. R070-080 beyond 20nm BLW 6000ft. R080-090 beyond 28nm BLW 6000ft. R090-100 beyond 33nm BLW 6000ft. R110-120 beyond 38nm BLW 4000ft. R170-190 beyond 35nm BLW 6000ft. R210-220 beyond 35nm BLW 6000ft. R230-250 beyond 30nm BLW 6000ft. R250-260 beyond 13nm BLW 5000ft. R260-270 beyond 10nm BLW 4000ft. R270-280 beyond 16nm BLW 4000ft. R280-290 beyond 16nm BLW 5000ft. R290-320 beyond 14nm BLW 5000ft. R320-340 beyond 16nm BLW 5000ft. R340-360 beyond 18nm BLW 5000ft.
RISHIRI VOR/DME	RSE	114.6MHz 1180MHz (CH-93X)	H24	451444.38N 1411112.36E	33.4m (109.6ft)	VOR unusable : 130°-140° beyond 35nm BLW 8000ft. 140°-200° BLW 8000ft. DME unusable: 110°-120° beyond 35nm BLW 4000ft. 130°-140° beyond 20nm BLW 8000ft. 140°-200° BLW 8000ft.
SAPPORO VOR	SPE	113.9MHz	H24	431028.71N 1411808.58E		VOR unusable : 190°-200° beyond 35nm BLW 7000ft. 210°-220° beyond 30nm BLW 9000ft. 220°-230° beyond 25nm BLW 9000ft. 230°-260° beyond 30nm BLW 9000ft.
SAPPORO DME	SPE	1173MHz (CH-86X)	H24	431029.08N 1411807.22E	26.31m (87ft)	DME unusable: 190°-200° beyond 30nm BLW 7000ft. 200°-210° beyond 35nm BLW 9000ft. 210°-250° beyond 30nm BLW 9000ft. 250°-260° beyond 35nm BLW 9000ft.
SEKIYADO VOR	SYE	117.0MHz	H24	360039.33N 1395021.02E		VOR Unusable: 045°-055° beyond 35nm BLW 5000ft.
SEKIYADO DME	SYE	1204MHz (CH-117X)	H24	360038.91N 1395022.12E	24.4m (80ft)	
SENDAI VOR/DME	SDE	116.3MHz 1197MHz (CH-110X)	H24	380818.86N 1405517.34E	16.36m (54ft)	VOR unusable: 271° BTN 20-22nm.
SHIMIZU VOR	SUC	115.2MHz	H24	324521.49N 1325947.93E		
SHIMIZU TACAN	SUC	1186MHz (CH-99X)	H24	324521.47N 1325945.05E	453.8m (1489ft)	TACAN AZM unusable: 010°-020° BLW 7000ft.

SHIMOFUSA TACAN	SHT	980MHz (CH-19X)	H24	354807N140 0035E	37.3m (122ft)	Unusable: R050-090 beyond 30nm BLW 2000ft. R090-100 beyond 25nm BLW 2000ft. R100-110 beyond 20nm BLW 2000ft. R110-130 beyond 25nm BLW 2000ft. R130-150 beyond 20nm BLW 2000ft. R150-160 beyond 38nm BLW 3000ft. R200-210 beyond 35nm BLW 4000ft. R210-220 beyond 30nm BLW 4000ft. R220-230 beyond 30nm BLW 5000ft. R240-250 beyond 35nm BLW 7000ft. R260-280 beyond 25nm BLW 7000ft. R280-290 beyond 22nm BLW 7000ft. R290-300 beyond 35nm BLW 7000ft. R350-360 beyond 38nm BLW 5000ft.
SHIZUHAMA TACAN	YZT	990MHz (CH-29X)	H24	344851.92N 1381744.92E	23.7m (78ft)	Unusable: R240-250 beyond 38NM BLW 3000ft. R280-290 beyond 34NM BLW 6000ft. R290-300 beyond 35NM BLW 7000ft. R300-310 beyond 36NM BLW 8000ft. R310-320 beyond 38NM BLW 8000ft.
SHIZUOKA VOR/DME	SZE	110.65MHz 1130MHz (CH-43Y)	H24	344748.63N 1381135.51E	136.9m (449ft)	VOR unusable: 020° -030° beyond 20nm BLW 8000ft.
SHODO DME	STD	1178MHz (CH-91X)	H24	343044.51N 1341627.17E	771.4m (2530.8ft)	
SHONAI VOR/DME	YSE	109.6MHz 994MHz (CH-33X)	2200-1300	384838.81N 1394757.51E	50.0m (164ft)	VOR unusable: 067° BTN 13-15nm. 143° BTN 14-17nm.
SUOH VOR/DME	SWE	113.85MHz 1046MHz (CH-85Y)	H24	335123.82N 1310145.84E	19.0m (62.3ft)	VOR unusable: 230°-250° beyond 30nm BLW 5000ft. 250°-260° beyond 35nm BLW 5000ft. 270°-280° beyond 25nm BLW 5000ft. 280°-310° beyond 30nm BLW 5000ft. DME unusable: 090°-110° beyond 35nm BLW 3000ft. 220°-230° beyond 35nm BLW 5000ft. 230°-240° beyond 30nm BLW 5000ft. 240°-250° beyond 25nm BLW 5000ft. 250°-260° beyond 30nm BLW 5000ft. 260°-270° beyond 35nm BLW 5000ft. 270°-280° beyond 20nm BLW 5000ft. 280°-290° beyond 15nm BLW 5000ft. 290°-300° beyond 20nm BLW 5000ft. 300°-310° beyond 15nm BLW 5000ft.
TATEYAMA DME	PQD	1159MHz (CH-72X)	H24	345646.42N 1395343.16E	182.9m (600ft)	
TATEYAMA TACAN	TET	986MHz (CH-25X)	H24	345815N 1395017E	153.5m (504ft)	TACAN Unusable: R010-030 beyond 38nm BLW 8000ft. R110-120 beyond 28nm BLW 2000ft. R120-130 beyond 24nm BLW 2000ft. R130-140 beyond 35nm BLW 2000ft.

TOKACHI TACAN	TKT	1016MHz (CH-55X)	2300-0800 MON-FRI EXC HOL and 12/29 -1/3. Other time 1HR PN.	425336N 1430957E	102.5m (336.3ft)	Unusable: R210-220 beyond 38nm BLW 9000ft. R220-230 beyond 35nm BLW 9000ft. R230-240 beyond 25nm BLW 9000ft. R240-260 beyond 27nm BLW 9000ft. R260-270 beyond 29nm BLW 9000ft. R270-280 beyond 25nm BLW 9000ft. R280-290 beyond 25nm BLW 8000ft. R290-300 beyond 31nm BLW 8000ft. R300-310 beyond 36nm BLW 8000ft.
TOKUSHIMA VOR	TSC	114.9MHz	H24	340747N134 3631E		VOR unusable: R360-010 beyond 33nm BLW 3000ft. R010-030 beyond 25nm BLW 2000ft. R030-050 beyond 35nm BLW 4000ft. R050-060 beyond 30nm BLW 2000ft. R060-070 beyond 30nm BLW 4000ft. R080-100 beyond 30nm BLW 5000ft. R120-130 beyond 30nm BLW 4000ft. R130-140 beyond 32nm BLW 2000ft. R140-180 beyond 25nm BLW 2000ft. R180-200 beyond 33nm BLW 4000ft. R200-220 beyond 30nm BLW 6000ft. R220-240 beyond 35nm BLW 9000ft. R280-290 beyond 20nm BLW 5000ft. R290-300 beyond 20nm BLW 4000ft. R300-310 beyond 20nm BLW 3000ft. R310-330 beyond 20nm BLW 4000ft. R330-340 beyond 25nm BLW 4000ft. R340-350 beyond 30nm BLW 4000ft. R350-360 beyond 33nm BLW 4000ft.
TOKUSHIMA TACAN	TSC	1183MHz (CH-96X)	H24	340748N 1343636E	12.2m (40ft)	TACAN unusable: R360-010 beyond 34nm BLW 4000ft. R010-020 beyond 29nm BLW 4000ft. R020-030 beyond 38nm BLW 5000ft. R060-070 beyond 36nm BLW 5000ft. R100-110 beyond 38nm BLW 6000ft. R180-190 beyond 37nm BLW 3000ft. R200-210 beyond 28nm BLW 6000ft. R210-220 beyond 35nm BLW 7000ft. R220-240 beyond 24nm BLW 9000ft. R240-250 beyond 33nm BLW 9000ft. R250-270 beyond 35nm BLW 9000ft. R270-280 beyond 35nm BLW 8000ft. R280-290 beyond 28nm BLW 6000ft. R290-300 beyond 30nm BLW 6000ft. R300-310 beyond 15nm BLW 4000ft. R310-340 beyond 15nm BLW 5000ft. R340-350 beyond 31nm BLW 5000ft. R350-360 beyond 22nm BLW 4000ft.

TOTTORI VOR/DME	TRE	110.2MHz 1000MHz (CH-39X)	H24	353138.28N 1340953.59E	34.9m (115ft)	VOR unusable: 080°-100° beyond 35nm BLW 5000ft. 110°-120° beyond 30nm BLW 7000ft. 120°-150° beyond 35nm BLW 7000ft. 150°-160° beyond 30nm BLW 7000ft. 180°-200° beyond 35nm BLW 7000ft. 200°-210° beyond 30nm BLW 7000ft. 210°-230° beyond 25nm BLW 7000ft. 230°-240° beyond 30nm BLW 7000ft. DME unusable: 120°-130° beyond 35nm BLW 7000ft. 190°-220° beyond 35nm BLW 7000ft. 220°-230° beyond 30nm BLW 7000ft. 230°-240° beyond 35nm BLW 7000ft.
TSUIKI TACAN	TQT	1002MHz (CH-41X)	H24	334117.62N 1310208.97E	24.7m (81ft)	Unusable: 070°-080° beyond 38NM BLW 4000ft. 170°-180° beyond 33NM BLW 8000ft. 180°-190° beyond 26NM BLW 8000ft. 190°-210° beyond 21NM BLW 7000ft. 210°-220° beyond 25NM BLW 7000ft. 220°-230° beyond 25NM BLW 6000ft. 230°-240° beyond 28NM BLW 6000ft. 260°-270° beyond 24NM BLW 6000ft. 270°-280° beyond 28NM BLW 5000ft. 280°-310° beyond 16NM BLW 4000ft. 310°-320° beyond 14NM BLW 4000ft. 320°-330° beyond 16NM BLW 4000ft. 330°-350° beyond 24NM BLW 4000ft.
UBE VOR/DME	UBE	110.8MHz 1006MHz (CH-45X)	H24	335608.26N 1311700.71E	19.4m (64ft)	
UTSUNOMIYA TACAN	JDT	1145MHz (CH-58Y)	H24	363100.62N 1395231.91E	124.64m (408.91ft)	Unusable: 150°-160° beyond 35NM BLW 5000ft. 310°-330° beyond 30NM BLW 11000ft. 350°-360° beyond 35NM BLW 9000ft.
WAKKANAI VOR	WKE	115.3MHz	H24	452426.49N 1414820.33E		
WAKKANAI DME	WKE	1187MHz (CH-100X)	H24	452426.83N 1414819.20E	14.9m (48.9ft)	
YAMAGATA VOR/DME	YTE	113.0MHz 1164MHz (CH-77X)	H24	382319.04N 1402128.63E	110.0m (361ft)	Unusable: 030°-040° beyond 35nm BLW 8000ft. 040°-060° beyond 25nm BLW 8000ft. 060°-070° beyond 15nm BLW 8000ft. 070°-080° beyond 15nm BLW 7000ft. 080°-110° beyond 20nm BLW 7000ft. 110°-150° beyond 15nm BLW 7000ft. 150°-160° beyond 25nm BLW 9000ft. 160°-170° beyond 30nm BLW 9000ft. 170°-180° beyond 25nm BLW 9000ft. 250°-260° beyond 35nm BLW 9000ft. 260°-270° beyond 35nm BLW 8000ft. 300°-320° beyond 30nm BLW 9000ft. 320°-330° beyond 20nm BLW 9000ft. 330°-340° beyond 30nm BLW 10000ft.

YOKOSUKA DME	HYD	1196MHz (CH-109X)	H24	351520.12N 1393514.87E	153.1m (502ft)	
YAO VOR/DME	YOE	114.6MHz 1180MHz (CH-93X)	H24	343554.45N 1353537.34E	30.7m (101ft)	VOR Unusable: 040°-080° beyond 30nm BLW 7000ft. 090°-100° beyond 20nm BLW 7000ft. 160°-170° beyond 30nm BLW 9000ft. 220°-230° beyond 30nm BLW 3000ft. 340°-360° beyond 25nm BLW 5000ft. DME Unusable: 030°-040° beyond 30nm BLW 6000ft. 040°-060° beyond 25nm BLW 7000ft. 060°-110° beyond 15nm BLW 7000ft. 110°-130° beyond 30nm BLW 7000ft. 130°-180° beyond 30nm BLW 9000ft. 180°-200° beyond 30nm BLW 7000ft. 220°-270° beyond 30nm BLW 3000ft. 320°-360° beyond 25nm BLW 5000ft.
YONAGO VOR/DME	YGE	117.3MHz 1207MHz (CH-120X)	H24	353004.96N 1331525.94E	13.0m (43ft)	VOR unusable: 360°-020° beyond 35nm BLW 4000ft. 120°-130° beyond 25nm BLW 8000ft. 290°-310° beyond 35nm BLW 4000ft. 330°-340° beyond 35nm BLW 4000ft. DME unusable: 360°-040° beyond 35nm BLW 4000ft. 040°-060° beyond 30nm BLW 3000ft. 110°-120° beyond 35nm BLW 7000ft. 120°-130° beyond 25nm BLW 8000ft. 280°-310° beyond 25nm BLW 4000ft. 320°-330° beyond 25nm BLW 4000ft. 330°-340° beyond 30nm BLW 4000ft. 340°-350° beyond 25nm BLW 4000ft. 350°-360° beyond 20nm BLW 4000ft.
YONAGUNI VOR/DME	YNE	115.05MHz 1058MHz (CH-97Y)	H24	242753.72N 1225951.86E	95.9m (314.6ft)	Unusable: 140°-170° beyond 20nm BLW 4000ft.
YUWA VOR/DME	UWE	110.65MHz 1130MHz (CH-43Y)	H24	393701.66N 1401112.97E	87.1m (286ft)	

VOR周波数リスト 2025年4月現在

周波数(CH)	名称	ID	時間(UTC)
108.4MHz	KAGAWA	KTE	H24
108.65MHz	OYAMA	MOE	H24
109.05MHz	NANKI	NKE	H24
109.25MHz	OKI	OIE	H24
109.65MHz	OBIHIRO	OBE	H24
109.6MHz	SHONAI	YSE	2200-1300
109.85MHz	OKUSHIRI	ORE	0000-0800
110.2MHz	TOTTORI	TRE	H24
110.65MHz	MATSUYAMA	MYE	H24
	SHIZUOKA	SZE	H24
	YUWA	UWE	H24
110.85MHz	MEMANBETSU	TBE	H24
110.8MHz	UBE	UBE	H24
111.0MHz	KIBI	OYE	H24
	KUSHIRO	TCE	H24
111.45MHz	NAKASHIBETSU	NSE	2330-0930
	NOTO	NTE	H24
111.6MHz	KANSAI	KIE	H24
112.0MHz	KADENA	KAD	H24
	KOMATSU	KMC	H24
112.3MHz	HAKODATE	HWE	H24
112.4MHz	MIYAZAKI	MZE	H24
112.6MHz	MIYAZU	YME	H24
112.8MHz	HANAMAKI	HPE	H24
	KUMAMOTO	KUE	H24
112.9MHz	KUSHIMOTO	KEC	H24
	MONBETSU	MVE	H24
113.0MHz	YAMAGATA	YTE	H24
113.1MHz	ERABU	ONC	H24
	OSHIMA	XAC	H24
113.2MHz	IKI	IKE	H24
113.3MHz	HYAKURI	HUC	H24
	KAGOSHIMA	HKC	H24
113.4MHz	IZUMO	XZE	H24
113.45MHz	MIYAKOJIMA	MJC	H24
	FUKUSHIMA	FKE	H24
113.5MHz	ASAHIKAWA	AWE	H24

周波数(CH)	名称	ID	時間(UTC)
113.85MHz	SUOH	SWE	H24
113.95MHz	KASARI	AME	H24
113.9MHz	SAPPORO	SPE	H24
114.1MHz	AOMORI	MRE	H24
114.2MHz	NAGOYA	KCC	H24
114.5MHz	FUKUOKA	DGC	H24
114.6MHz	RISHIRI	RSE	H24
	YAO	YOE	H24
114.75MHz	ITAMI	ITE	H24
	ODATE	ODE	2300-1030
114.9MHz	TOKUSHIMA	TSC	H24
115.05MHz	YONAGUNI	YNE	H24
115.2MHz	SHIMIZU	SUC	H24
115.3MHz	WAKKANAI	WKE	H24
115.4MHz	MISAWA	MIS	H24
	ISHIGAKIJIMA	IGE	H24
115.4MHz	NAKATANE	TGE	H24
115.5MHz	NIIGATA	GTC	H24
115.8MHz	FUKUE	FUE	H24
116.3MHz	SENDAI	SDE	H24
116.4MHz	MUKAWA	MKE	H24
116.5MHz	NAHA	NHC	H24
116.6MHz	MIYAKO	MQE	H24
	NAGASAKI	OLE	H24
116.65MHz	HACHIJOJIMA	HCE	H24
116.7MHz	KUMEJIMA	KXC	H24
116.9MHz	CHITOSE	CHE	H24
117.0MHz	SEKIYADO	SYE	H24
117.3MHz	YONAGO	YGE	H24
117.6MHz	MATSUMOTO	MBE	H24
117.7MHz	IWAKI	IXE	H24
	MUSASHI	TFE	H24
117.8MHz	CHUBU	CBE	H24
	MINAMIDAITO	MDE	H24
117.9MHz	HONGO	HGE	H24
	NARITA	NRE	H24

モールス符号 AtoZ

A	·—	N	—·
B	—···	O	— — —
C	— · — ·	P	— · — ·
D	— · ·	Q	— · — · —
E	·	R	· — ·
F	· — ·	S	···
G	— — ·	T	—
H	···	U	·· —
I	··	V	·· — ·
J	· — — —	W	— · —
K	· — —	X	·· — —
L	· — ·	Y	— · — —
M	— —	Z	— — ·