

ENR 4 无线电导航设施 / 系统 RADIO NAVIGATION AIDS/SYSTEMS

ENR 4.1 航路无线电导航设施 RADIO NAVIGATION AIDS—EN - ROUTE

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
阿克苏 Aksu VOR/DME	AKS	115.1MHz CH 98X	H24	N41°15'42" E080°17'06"	1 185	
阿勒泰 Altay VOR/DME	TAI	114.3MHz CH 90X	H24	N47°44'48" E088°05'00"	766	
庵东 Andong VOR/DME	AND	114.8MHz CH 95X	H24	N30°15'24" E121°13'18"	32	See ZSNB ZSPD AD2.19
安康富强东 Ankangfuqiangdong VOR/DME	AKD	113.8MHz CH 85X	H24	N32°45'12" E108°55'48"	406	For VOR/DME: R335°-R350° clockwise U/S. For DME: Beyond 18NM on R320° U/S.
柏鹤寺 Baihesi VOR/DME	BHS	117.9MHz CH 126X	H24	N30°30'42" E104°12'00"		See ZUTF ZUUU AD2.19
邦达 Bangda VOR/DME	DCH	113.3MHz CH 80X	H24	N30°31'18" E097°08'30"	4 322	R005°-R100° clockwise, R180°-R300° clockwise, beyond 22NM on R003° and R097°, beyond 8NM on R258° U/S.
半塔集 Bantaji NDB	OF	340kHz	H24	N32°40'24" E118°34'42"		
抱龙 Baolong NDB	WL	426kHz	H24	N18°29'18" E109°24'12"		See ZJSY AD2.19
包头 Baotou VOR/DME	BAV	117.3MHz CH 120X	H24	N40°33'24" E109°59'54"	1 019	
奔牛 Benniu NDB	ZJ	217kHz	H24	N31°56'30" E119°42'36"		
博鳌 Boao VOR/DME	DBA	115.4MHz CH 101X	H24	N19°09'42" E110°26'30"	33	See ZJQH AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
百色 Bose VOR/DME	BSE	115.9MHz CH 106X	H24	N23°53'30" E106°38'42"		For VOR/DME: R175°-R255° clockwise, R345°-R085° clockwise (except R005°, R049°) U/S. For VOR: Beyond 35NM on R049°, R097°-R103° clockwise, beyond 28NM (beyond 48NM at ALT4200m) on R135° U/S. For DME: Beyond 32NM at ALT6300m on R005°, BTN 5-14NM and beyond 22NM on R049°, BTN 13-42NM on R095°, beyond 32NM (beyond 60NM at ALT4200m) on R135° U/S.
岑村 Cencun VOR/DME	CEN	114.6MHz CH 93X	H24	N23°09'06" E113°25'00"	108	See ZGGG AD2.19
昌北 Changbei VOR/DME	NCH	115.1MHz CH 98X	H24	N28°53'06" E115°54'42"	43	See ZSCN AD2.19
常德 Changde NDB	CD	225kHz	H24	N28°50'54" E111°37'18"		
昌都 Changdu NDB	RG	247kHz	H24	N31°08'48" E097°10'36"		BTN 9-12NM on BRG 059° U/S.
长海 Changhai VOR/DME	CHI	116.8MHz CH 115X	H24	N39°16'00" E122°37'00"	46	For VOR: BTN 20-22NM on R257° U/S.
长生桥 Changshengqiao VOR/DME	SHC	111.0MHz CH 47X	H24	N29°25'54" E106°43'42"	500	See ZUCK AD2.19
长武 Changwu NDB	HO	375kHz	H24	N35°12'36" E107°46'06"		See ZLXY AD2.19

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长治 Changzhi NDB	SQ	398kHz	H24	N36°14'24" E113°07'00"		
朝阳 Chaoyang VOR/DME	CHG	114.5MHz CH 92X	H24	N41°32'12" E120°26'00"	183	
茶庵 Cha'an VOR/DME	HFC	111.8MHz CH 55X	H24	N32°04'48" E116°46'06"	47	See ZSOF AD2.19
车道峪 Chedaoyu NDB	CDY	292kHz	H24	N40°34'42" E117°13'24"		
承德 Chengde VOR/DME	DHC	112.3MHz CH 70X	H24	N41°07'42" E118°02'48"	687	
成都 Chengdu NDB	ZW	260kHz	H24	N30°30'00" E103°54'30"		See ZUTF ZUUU AD2.19
程海 Chenghai VOR/DME	CEH	113.4MHz CH 81X	H24	N26°39'54" E100°43'12"	2 629	See ZPLJ AD2.19
赤峰 Chifeng VOR/DME	CHF	115.5MHz CH 102X	H24	N42°11'24" E118°48'42"	748	
崇州 Chongzhou VOR/DME	CZH	114.5MHz CH 92X	H24	N30°38'42" E103°41'12"		See ZUTF ZUUU AD2.19
从化 Conghua VOR/DME	CON	113.0MHz CH 77X	H24	N23°35'18" E113°35'12"	77	See ZGGG AD2.19
大虎山 Dahushan VOR/DME	DHN	116.5MHz CH 112X	H24	N41°38'42" E122°06'54"		
大理 Dali VOR/DME	DAL	112.6MHz CH 73X	H24	N25°38'36" E100°19'24"	2 199	For DME: R065°-R107° clockwise ,beyon d 20NM below QNH3600m on R020°U/S.
大连 Dalian VOR/DME	DBL	115.4MHz CH 101X	H24	N38°57'42" E121°34'12"	59	See ZYTL AD2.19

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丹东 Dandong VOR/DME	DDG	113.9MHz CH 86X	H24	N40°15'24" E124°17'00"	98	
党山 Dangshan VOR/DME	DSH	117.3MHz CH 120X	H24	N30°08'54" E120°30'06"	13	See ZSHC AD2.19
当阳 Dangyang NDB	VL	261kHz	H24	N30°45'06" E111°51'12"		
大榕江 Darongjiang NDB	VQ	398kHz	H24	N25°33'42" E110°28'36"		See ZGKL AD2.19
大托铺 Datuopu NDB	ZK	520kHz	H24	N28°01'06" E112°57'48"		
大王庄 Dawangzhuang VOR/DME	VYK	112.7MHz CH 74X	H24	N39°11'42" E116°34'18"		
磴口 Dengkou VOR/DME	DKO	113.5MHz CH 82X	H24	N40°18'54" E106°59'48"		
德新 Dexin VOR/DME	CDX	116.35MHz CH 110Y	H24	N31°15'00" E104°22'48"	540	See ZUTF ZUUU AD2.19
东木栏头 Dongmulantou VOR/DME	MLT	112.7MHz CH 74X	H24	N20°09'06" E110°40'24"	58	See ZJHK AD2.19
东山 Dongshan VOR/DME	DST	109.2MHz CH 29X	H24	N27°45'00" E120°37'48"	39	See ZSWZ AD2.19
东羊角 Dongyangjiao NDB	PU	296kHz	H24	N41°30'24" E123°17'30"		See ZYTX AD2.19
东营 Dongying VOR/DME	DYN	114.0MHz CH 87X	H24	N37°31'42" E118°47'12"	14	
敦煌 Dunhuang VOR/DME	DNH	115.5MHz CH 102X	H24	N40°09'48" E094°50'42"	1 122	See ZLDH AD2.19
额济纳旗 Ejinaqi VOR/DME	JNQ	112.7MHz CH 74X	H24	N41°59'24" E101°03'00"		

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恩施 Enshi VOR/DME	ENH	114.7MHz CH 94X	H24	N30°17'30" E109°36'06"	1 147	
二连浩特 Erenhot VOR/DME	LHT	112.5MHz CH 72X	H24	N43°24'48" E112°07'36"	1 014	Effective distance 280KM, For VOR/DME: R255°-R025° clockwise U/S.
二塘 Ertang NDB	QP	213kHz	H24	N24°40'12" E110°46'36"		
阜康 Fukang VOR/DME	FKG	116.3MHz CH 110X	H24	N44°10'24" E087°59'00"	551	See ZWWW AD2.19
涪陵 Fuling VOR/DME	FLG	114.0MHz CH 87X	H24	N29°42'00" E107°22'42"		See ZUCK AD2.19
福清 Fuqing VOR/DME	FQG	117.4MHz CH 121X	H24	N25°44'24" E119°23'06"		See ZSFZ AD2.19
阜阳 Fuyang VOR/DME	FYG	112.9MHz CH 76X	H24	N32°53'00" E115°43'48"	37	
扶余 Fuyu VOR/DME	FYU	113.7MHz CH 84X	H24	N44°54'42" E124°48'12"		
富蕴 Fuyun VOR/DME	XFY	114.7MHz CH 94X	H24	N46°47'42" E089°32'24"	938	
福州 Fuzhou VOR/DME	FOC	116.8MHz CH 115X	H24	N25°56'36" E119°39'48"		See ZSFZ AD2.19
高栏 Gaolan NDB	UJ	204kHz	H24	N21°55'12" E113°17'36"		See ZGSZ AD2.19
高密 Gaomi NDB	YO	443kHz	H24	N36°26'18" E119°41'18"		
高要 Gaoyao VOR/DME	GYA	116.5MHz CH 112X	H24	N23°04'12" E112°29'12"		See ZGGG AD2.19

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耿马 Gengma VOR/DME	GMA	114.7MHz CH 94X	H24	N23°31'42" E099°24'30"		R150°-R215° clockwise U/S.
广元 GuangYuan VOR/DME	GYN	115.1MHz CH 98X	H24	N32°23'12" E105°41'24"	627	For DME: Beyond 24NM on R294°, R294°-R330° clockwise U/S.
观澜 Guanlan VOR/DME	GLN	112.0MHz CH 57X	H24	N22°42'30" E114°02'00"	9	See ZGSZ AD2.19
贵阳 Guiyang VOR/DME	KWE	114.3MHz CH 90X	H24	N26°31'24" E106°47'42"	1 178	See ZUGY AD2.19
谷塘 Gutang NDB	W	388kHz	H24	N28°13'06" E113°13'00"		See ZGHA AD2.19
固原 Guyuan VOR/DME	GUY	112.6MHz CH 73X	H24	N36°04'48" E106°12'54"	1 735	
海拉尔 Hailar VOR/DME	HLD	115.1MHz CH 98X	H24	N49°12'12" E119°49'18"	667	See ZBLA AD2.19
海青 Haiqing NDB	IJ	394kHz	H24	N47°52'06" E134°38'42"		Bearing 130°-060° clockwise, within 27NM on bearing 081° U/S.
杭州 Hangzhou VOR/DME	HGH	113.0MHz CH 77X	H24	N30°14'24" E120°27'42"	13	See ZSHC AD2.19
哈尔滨 Harbin VOR/DME	HRB	112.5MHz CH 72X	H24	N45°37'36" E126°15'36"	137	See ZYHB AD2.19
荷苞湖 Hebaohu VOR/DME	DHB	114.45MHz CH 91Y	H24	N30°41'54" E113°58'18"	100	See ZHHH AD2.19
黑河 Heihe VOR/DME	HEK	114.0MHz CH 87X	H24	N50°10'06" E127°18'36"	330	R330°-R190° clockwise U/S.
河口 Hekou VOR/DME	HOK	116.0MHz CH 107X	H24	N31°19'30" E114°25'48"		

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合流水 Heliushui NDB	DS	250kHz	H24	N30°12'00" E106°50'54"		See ZUCK AD2.19
横沙 Hengsha VOR/DME	HSB	114.4MHz CH 91X	H24	N31°22'06" E121°50'48"	24	See ZSPD AD2.19
衡水 Hengshui NDB	HG	350kHz	H24	N37°43'00" E115°42'18"		
河西 Hexi NDB	SB	319kHz	H24	N27°44'24" E102°09'54"		See ZUXC AD2.19
呼和浩特 Hohhot VOR/DME	HET	116.9MHz CH 116X	H24	N40°43'30" E111°54'00"	1 095	See ZBHH AD2.19
和田 Hotan VOR/DME	HTN	113.1MHz CH 78X	H24	N37°02'12" E079°52'06"	1 431	See ZWTN AD2.19
淮安 Huainan VOR/DME	HUN	113.3MHz CH 80X	H24	N33°46'24" E119°06'36"	18	See ZSSH AD2.19
怀来 Huailai NDB	KM	360kHz	H24	N40°23'18" E115°29'48"		
怀柔 Huairou VOR/DME	HUR	113.6MHz CH 83X	H24	N40°19'48" E116°44'54"	62	See ZBAA AD2.19
黄城 Huangcheng VOR/DME	HCH	116.1MHz CH 108X	H24	N37°39'18" E120°32'42"	34	See ZSYT AD2.19
黄平 Huangping VOR/DME	KHP	113.4MHz CH 81X	H24	N26°58'24" E107°59'30"	943	
黄山 Huangshan VOR/DME	TXN	116.1MHz CH 108X	H24	N29°44'18" E118°15'12"	141	See ZSTX AD2.19
花垣 Huayuan VOR/DME	HUY	112.0MHz CH 57X	H24	N28°34'48" E109°27'00"		
湖光 Huguang NDB	LH	356kHz	H24	N21°08'06" E110°20'00"		

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回龙 Huilong VOR/DME	HLC	115.95MHz CH 106Y	H24	N30°18'06" E103°41'42"	567	See ZUTF ZUUU AD2.19
佳木斯 Jiamusi VOR/DME	JMU	113.5MHz CH 82X	H24	N46°50'30" E130°27'54"	91	See ZYJM AD2.19
江北 Jiangbei VOR/DME	CKG	116.1MHz CH 108X	H24	N29°44'48" E106°39'12"	418	See ZUCK AD2.19
笕桥 Jianqiao NDB	CJ	324kHz	H24	N30°18'18" E120°10'00"		See ZSHC AD2.19
胶北 Jiaobei VOR/DME	JDW	116.85MHz CH 115Y		N36°19'48" E119°58'36"	49	See ZSQD AD2.19
胶东 Jiaodong VOR/DME	JDG	114.45MHz CH 91Y		N36°22'42" E120°04'00"	13	See ZSQD AD2.19
嘉峪关 Jiayuguan VOR/DME	CHW	114.5MHz CH 92X	H24	N39°51'18" E098°21'00"	1 559	For DME: BTN 58NM and 63NM on R310° U/S.
济南 Jinan VOR/DME	YQG	113.7MHz CH 84X	H24	N36°50'00" E117°12'54"	31	See ZSJM AD2.19
静宁 Jingning VOR/DME	JIG	113.7MHz CH 84X	H24	N35°31'54" E105°43'24"		
景泰 Jingtai VOR/DME	JTA	114.9MHz CH 96X	H24	N37°11'48" E104°04'48"		
荆州 Jingzhou VOR/DME	DJZ	115.55MHz CH 102Y		N30°15'48" E112°26'54"	45	
晋江 Jinjiang VOR/DME	JNJ	117.0MHz CH 117X	H24	N24°48'06" E118°35'48"	16	See ZSQZ AD2.19
晋宁 Jinning VOR/DME	XSJ	108.2MHz CH 19X	H24	N24°41'00" E102°48'00"	2 383	See ZPPP AD2.19
金堂 Jintang VOR/DME	JTG	115.4MHz CH 101X	H24	N30°52'18" E104°23'24"		See ZUTF ZUUU AD2.19

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九亭 Jiuting VOR/DME	JTN	109.6MHz CH 33X	H24	N31°07'24" E121°20'30"	28	See ZSSS AD2.19
九洲 Jiuzhou VOR/DME	ZAO	117.2MHz CH 119X	H24	N22°14'42" E113°36'42"	47	
济源 Jiyuan NDB	GU	234kHz	H24	N35°06'36" E112°31'48"		
开原 Kaiyuan VOR/DME	KYU	114.9MHz CH 96X	H24	N42°37'54" E124°00'24"		
康定 Kangding VOR/DME	KDJ	112.4MHz CH 71X	H24	N30°08'30" E101°43'54"	4 248	R040°-R115° clockwise U/S.
喀什 Kashi VOR/DME	KHG	115.7MHz CH 104X	H24	N39°32'48" E076°01'24"	1 401	See ZWSH AD2.19
寇岭 Kouling VOR/DME	KLX	110.6MHz CH 43X	H24	N34°15'54" E109°14'54"	908	See ZLXY AD2.19
来宾 Laibin VOR/DME	LBN	113.7MHz CH 84X	H24	N23°45'48" E109°08'48"	126	
莱阳 Laiyang NDB	FD	298kHz	H24	N36°55'48" E120°37'54"		
兰州 Lanzhou VOR/DME	DNC	114.0MHz CH 87X	H24	N36°32'30" E103°37'06"	1 965	See ZLLL AD2.19
老粮仓 Laoliangcang NDB	GJ	245kHz	H24	N28°05'00" E112°13'00"		
老粮仓 Laoliangcang VOR/DME	LLC	116.2MHz CH 109X	H24	N28°04'06" E112°12'30"		
拉萨 Lhasa VOR/DME	LXA	113.1MHz CH 78X	H24	N29°17'48" E090°59'54"	3 571	See ZULS AD2.19

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凉城 Liangcheng NDB	SZ	282kHz	H24	N40°31'06" E112°29'42"		BTN 4-6NM on BRG 312°, BTN 4-6NM and 14-16NM on BRG 315°, beyond 17NM on BRG 343° U/S.
良乡 Liangxiang NDB	JR	475kHz	H24	N39°43'12" E116°05'42"		See ZBAA AD2.19
连江 Lianjiang VOR/DME	LJG	117.6MHz CH 123X	H24	N26°13'12" E119°32'54"		See ZSFZ AD2.19
连胜围 Lianshengwei VOR/DME	ZUH	116.7MHz CH 114X	H24	N22°13'18" E113°28'00"	68	See ZGSZ AD2.19
连云港 Lianyungang VOR/DME	GFK	117.65MHz CH 123Y	H24	N34°23'30" E119°09'54"	18	See ZSLG AD2.19
荔波 Libo VOR/DME	GLB	112.8MHz CH 75X	H24	N25°27'18" E107°57'48"	854	
丽江 Lijiang VOR/DME	LJA	113.7MHz CH 84X	H24	N26°46'24" E100°16'24"	2 438	See ZPLJ AD2.19
醴陵 Liling VOR/DME	LIG	112.4MHz CH 71X	H24	N27°38'54" E113°31'00"	85	See ZGHA AD2.19
临澧 Linli VOR/DME	LIN	117.5MHz CH 122X	H24	N29°21'12" E111°38'54"	108	
柘社 Lishe NDB	BK	227kHz	H24	N29°53'42" E121°20'00"		See ZSNB AD2.19
六盘水 Liupanshui VOR/DME	LPS	116.3MHz CH 110X	H24	N26°38'36" E105°01'48"	2 101	
浏阳 Liuyang VOR/DME	LYH	113.55MHz CH 82Y	H24	N28°23'36" E113°20'36"	215	See ZGHA AD2.19
龙口 Longkou VOR/DME	LKO	115.8MHz CH 105X	H24	N29°54'24" E113°41'30"		

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龙门 Longmen VOR/DME	LMN	116.3MHz CH 110X	H24	N23°38'54" E114°19'36"	39	See ZGGG AD2.19
龙枣村 Longzaocun VOR/DME	LCZ	109.0MHz CH 27X	H24	N34°27'06" E108°47'36"	474	See ZLXY AD2.19
龙州 Longzhou VOR/DME	LON	112.2MHz CH 59X	H24	N22°21'24" E106°52'06"		R130°-R030° clockwise(except on R226°),beyond 4NM on R226°U/S.
滦县 Luanxian VOR/DME	LUX	117.1MHz CH 118X	H24	N39°44'30" E118°43'36"		
芦冲 Luchong NDB	SV	345kHz	H24	N28°13'00" E113°20'54"		See ZGHA AD2.19
禄口 Lukou VOR/DME	NJL	113.6MHz CH 83X	H24	N31°45'18" E118°53'12"	24	See ZSNJ AD2.19
洛川 Luochuan VOR/DME	WJC	115.3MHz CH 100X	H24	N35°46'42" E109°22'36"	1 117	
骆岗 Luogang VOR/DME	HFE	116.7MHz CH 114X	H24	N31°46'30" E117°18'06"	38	See ZSOF AD2.19
洛阳 Luoyang VOR/DME	LYA	114.1MHz CH 88X	H24	N34°44'30" E112°23'42"	268	
泸西 Luxi VOR/DME	LXI	112.3MHz CH 70X	H24	N24°32'30" E103°44'36"	1 753	See ZPPP AD2.19
马龙 Malong VOR/DME	DJT	114.6MHz CH 93X	H24	N25°31'54" E103°36'18"	2 314	See ZPPP AD2.19
芒市 Mangshi VOR/DME	LUM	114.1MHz CH 88X	H24	N24°24'30" E098°32'12"	886	See ZPMS AD2.19
满洲里 Manzhouli VOR/DME	MZL	113.1MHz CH 78X	H24	N49°19'42" E117°38'42"		See ZBMZ AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
绵阳 Mianyang VOR/DME	MYG	114.8MHz CH 95X	H24	N31°26'00" E104°44'00"	538	See ZUTF ZUUU AD2.19
觅子 Mizi VOR/DME	MIZ	109.6MHz CH 33X	H24	N34°49'12" E108°59'42"	631	See ZLXY AD2.19
秣陵 Moling VOR/DME	MLJ	117.05MHz CH 117Y	H24	N31°50'42" E118°51'18"	19	See ZSNJ AD2.19
牡丹江 Mudanjiang VOR/DME	MDJ	117.1MHz CH 118X	H24	N44°30'54" E129°33'48"	278	See ZYMD AD2.19
那拉提 Nalati VOR/DME	NLT	115.5MHz CH 102X	H24	N43°25'54" E083°22'42"	935	
南丰 Nanfeng NDB	NF	292kHz	H24	N27°12'30" E116°33'30"		
南康 Nankang VOR/DME	BHY	117.1MHz CH 118X	H24	N21°35'12" E109°25'54"	35	
南朗 Nanlang VOR/DME	NLG	117.7MHz CH 124X	H24	N22°31'54" E113°33'42"	9	See ZGSZ AD2.19
南宁 Nanning VOR/DME	WUY	112.4MHz CH 71X	H24	N22°35'06" E108°08'54"	142	See ZGNN AD2.19
南泥湾 Nanniwan VOR/DME	NNW	114.75MHz CH 94Y	H24	N36°25'12" E109°29'06"	1 314	For VOR: Within 0.2NM on R168°, within 0.3NM on R348° U/S. For DME: Within 0.1NM on R168°, within 0.8NM on R348° U/S.
南通 Nantong VOR/DME	NTG	115.6MHz CH 103X	H24	N32°05'48" E120°58'42"	19	See ZSNT AD2.19
南翔 Nanxiang NDB	PK	208kHz	H24	N31°17'00" E121°19'48"		See ZSSS AD2.19
南雄 Nanxiong VOR/DME	NNX	115.6MHz CH 103X	H24	N25°05'42" E114°16'24"	39	

导航设施名称、 类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
南浔 Nanxun VOR/DME	NXD	116.5MHz CH 112X	H24	N30°53'48" E120°25'48"		
南阳 Nanyang NDB	ML	446kHz	H24	N32°55'00" E112°33'00"		
南盈滨岛 Nanyingbindao VOR/DME	NYB	113.3MHz CH 80X	H24	N20°00'54" E110°08'12"	23	See ZJHK AD2.19
宁陕 Ningshan VOR/DME	NSH	116.3MHz CH 110X	H24	N33°19'06" E108°18'42"		See ZLXY AD2.19
牛岭 Niuling VOR/DME	JCS	116.6MHz CH 113X	H24	N23°35'54" E116°24'42"	138	See ZGOW AD2.19
鄂尔多斯 Ordos VOR/DME	HDS	116.1MHz CH 108X	H24	N39°29'24" E109°51'42"	1 401	See ZBDS AD2.19
蟠龙 Panlong VOR/DME	PLT	111.6MHz CH 53X	H24	N25°48'30" E114°52'30"	163	For VOR: BTN 7NM and 8.5NM on R128° U/S; For DME: Beyond 25NM on R128° U/S.
盘龙 Panlong VOR/DME	XFA	110.8MHz CH 45X	H24	N25°24'06" E102°56'00"	2 788	See ZPPP AD2.19
蓬莱 Penglai VOR/DME	YCS	116.4MHz CH 111X	H24	N37°40'42" E121°00'00"	48	See ZSYT AD2.19
平洲 Pingzhou VOR/DME	POU	114.1MHz CH 88X	H24	N23°01'18" E113°11'24"	27	See ZGGG AD2.19
邳县 Pixian VOR/DME	DPX	112.4MHz CH 71X	H24	N34°16'42" E117°59'54"		
泊头 Potou VOR/DME	BTO	115.9MHz CH 106X	H24	N38°06'18" E116°34'36"		
浦东 Pudong VOR/DME	PUD	116.9MHz CH 116X	H24	N31°10'18" E121°47'00"	15	See ZSPD AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
黔西 Qianxi VOR/DME	QNX	113.1MHz CH 78X	H24	N27°02'30" E106°01'48"		
奇峰岭 Qifengling NDB	Y	417kHz	H24	N25°10'18" E110°19'06"		See ZGKL AD2.19
綦江 Qijiang VOR/DME	QJG	112.7MHz CH 74X	H24	N29°03'06" E106°39'54"	426	See ZUCK AD2.19
青白口 Qingbaikou NDB	CD	422kHz	H24	N40°00'48" E115°48'18"		Beyond 25NM on BRG 053°,beyond 25NM on BRG 112°,within 12NM on BRG 119°,beyond 18NM on BRG 154°,within 9NM and beyond 21NM on BRG 225°,within 9NM on BRG 236°,beyond 18NM on BRG 262°U/S.
青岛 Qingdao VOR/DME	TAO	117.5MHz CH 122X	H24	N36°17'18" E120°22'12"	18	
庆阳 Qingyang VOR/DME	QIY	113.4MHz CH 81X	H24	N35°47'48" E107°35'54"	1 411	
齐齐哈尔 Qiqihar VOR/DME	NDG	112.9MHz CH 76X	H24	N47°14'42" E123°55'12"		See ZYQQ AD2.19
奇台 Qitai VOR/DME	QTV	112.1MHz CH 58X	H24	N43°59'18" E089°36'42"		
龟兹 Qiuci VOR/DME	XKC	114.1MHz CH 88X	H24	N41°40'36" E082°50'36"	1 032	
日喀则 Rikaze VOR/DME	RKZ	113.5MHz CH 82X	H24	N29°21'18" E089°16'18"	3 805	For VOR: R355°-R005° clockwise U/S; For DME: R175°-R180°, R350°-R010° clockwise U/S.

导航设施名称、 类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
三江 Sanjiang VOR/DME	SJG	116.8MHz CH 115X	H24	N25°46'36" E109°36'36"	342	
三峡 Sanxia VOR/DME	YIH	116.9MHz CH 116X	H24	N30°32'06" E111°30'24"	186	
三亚 Sanya VOR/DME	SYX	112.5MHz CH 72X	H24	N18°18'36" E109°10'24"	457	See ZJSY AD2.19
三原 Sanyuan NDB	OD	202kHz	H24	N34°35'54" E108°54'54"		See ZLXY AD2.19
三灶 Sanzao NDB	U	272kHz	H24	N21°59'18" E113°21'18"		
上马 Shangma VOR/DME	JDE	116.25MHz CH 109Y		N36°17'24" E120°15'12"	52	See ZSQD AD2.19
上饶 Shangrao VOR/DME	SHR	114.0MHz CH 87X	H24	N28°25'00" E117°58'12"		
商县 Shangxian NDB	RA	345kHz	H24	N33°52'36" E109°55'48"		
商县 Shangxian VOR/DME	SHX	112.5MHz CH 72X	H24	N33°52'36" E109°56'06"	756	For VOR/DME: beyond 19NM on R063° U/S. For VOR: R300°-R070° clockwise(except R063°)U/S. For DME: R320°-R060° clockwise U/S.
山海关 Shanhaiguan NDB	LC	203kHz	H24	N39°59'54" E119°47'06"		
汕头 Shantou VOR/DME	SWA	112.6MHz CH 73X	H24	N23°26'24" E116°46'00"		
嵊州 Shengzhou VOR/DME	SHZ	113.4MHz CH 81X	H24	N29°36'00" E120°49'00"		See ZSNB AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
沈阳 Shenyang VOR/DME	SEY	114.1MHz CH 88X	H24	N41°38'30" E123°28'42"	59	See ZYTX AD2.19
石各庄 Shigezhuang NDB	VM	280kHz	H24	N39°17'48" E116°54'06"		
石龙 Shilong VOR/DME	SHL	115.7MHz CH 104X	H24	N23°05'30" E113°51'00"		See ZGGG AD2.19
石湫 Shiqiu VOR/DME	SNQ	115.75MHz CH 104Y	H24	N31°40'48" E118°58'06"	27	See ZSNJ AD2.19
双流 Shuangliu VOR/DME	CTU	115.7MHz CH 104X	H24	N30°34'24" E103°56'36"	505	See ZUTF ZUUU AD2.19
水泉 Shuiquan NDB	LS	445kHz	H24	N45°27'00" E126°02'42"		See ZYHB AD2.19
硕放 Shuofang VOR/DME	SUF	114.1MHz CH 88X	H24	N31°29'54" E120°25'54"	11	See ZSWX AD2.19
书院 Shuyuan VOR/DME	XSY	112.7MHz CH 74X	H24	N30°55'54" E121°52'24"	27	See ZSPD AD2.19
塔城 Tacheng VOR/DME	TCH	113.1MHz CH 78X	H24	N46°39'30" E083°22'06"	619	R220°-R060° clockwise U/S(except on R277°,R283°,R2 97°,R299°), and outside 11NM on R297°.
太原 Taiyuan VOR/DME	TYN	113.1MHz CH 78X	H24	N37°44'54" E112°37'12"	786	See ZBYN AD2.19
汤河口 Tanghekou NDB	YV	514kHz	H24	N40°44'00" E116°38'00"		
桃花 Taohua VOR/DME	THA	114.7MHz CH 94X	H24	N31°46'42" E117°07'24"	45	See ZSOF AD2.19
陶家宫 Taojiagong VOR/DME	HAM	113.1MHz CH 78X	H24	N42°50'36" E093°40'06"	843	For DME: Within 13NM on R290° U/S.

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
天河 Tianhe NDB	HG	254kHz	H24	N30°55'30" E114°21'00"		See ZHHH AD2.19
天河 Tianhe VOR/DME	WHA	112.2MHz CH 59X	H24	N30°46'54" E114°12'12"	43	See ZHHH AD2.19
天津 Tianjin NDB	CG	339kHz	H24	N39°04'48" E117°22'30"		
天津 Tianjin VOR/DME	TAJ	112.1MHz CH 58X	H24	N39°06'36" E117°21'30"	11	See ZBTJ AD2.19
天门 Tianmen VOR/DME	WTM	108.8MHz CH 25X	H24	N30°38'18" E113°08'36"		
天镇 Tianzhen VOR/DME	TZH	115.6MHz CH 103X	H24	N40°24'30" E114°03'06"		On R279° below 7800M BTN 12/23NM, above 7800M BTN 19/23NM U/S.
跳马 Tiaoma VOR/DME	DTM	114.05MHz CH 87Y	H24	N27°59'00" E113°07'30"	186	See ZGHA AD2.19
统景场 Tongjingchang NDB	OS	241kHz	H24	N29°51'06" E106°50'48"		See ZUCK AD2.19
通过 Tongliao VOR/DME	TGO	116.3MHz CH 110X	H24	N43°33'36" E122°11'48"	192	
桐庐 Tonglu VOR/DME	TOL	115.9MHz CH 106X	H24	N29°45'48" E119°39'36"	54	For DME: R098 °-R153°, be yond 32NM on R252°, R282 °-R3 15° and R328 °-R338° clockwise U/S.
铜仁 Tongren VOR/DME	TRN	115.2MHz CH 99X	H24	N27°52'06" E109°17'36"	721	
土木尔台 Tumurtai VOR/DME	TMR	113.3MHz CH 80X	H24	N41°50'36" E113°09'12"		
屯里 Tunli NDB	FZ	247kHz	H24	N37°27'06" E121°10'42"		See ZSYT AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
乌鲁木齐 Urumqi VOR/DME	WUR	115.3MHz CH 100X	H24	N43°54'48" E087°30'30"	664	See ZWWW AD2.19
万昌 Wanchang VOR/DME	LJB	115.9MHz CH 106X	H24	N43°46'24" E125°51'06"	199	See ZYCC AD2.19
王滨沟 Wangbingou NDB	KY	365kHz	H24	N41°42'18" E123°44'48"		See ZYTX AD2.19
汪清 Wangqing VOR/DME	WQG	112.1MHz CH 58X	H24	N43°17'36" E129°47'06"		For VOR/DME: R130°-R205° clockwise U/S.For VOR: Beyond 20NM on R221° U/S. For DME: R035°-R066° clockwise, beyond 16.3NM on R221° U/S.
潍坊 Weifang VOR/DME	WFG	116.6MHz CH 113X	H24	N36°38'48" E119°07'12"	44	
威海 Weihai VOR/DME	WEH	115.8MHz CH 105X	H24	N37°11'00" E122°13'36"	45	See ZSWH AD2.19
威宁 Weining NDB	HX	285kHz	H24	N26°51'36" E104°16'54"		
尉氏 Weishi VOR/DME	DWS	117.4MHz CH 121X	H24	N34°19'24" E114°04'42"	80	See ZHCC AD2.19
魏县 Weixian VOR/DME	WXI	115.7MHz CH 104X	H24	N36°21'48" E114°55'00"		
文昌 Wenchang VOR/DME	WCF	117.5MHz CH 122X	H24	N19°51'06" E110°47'18"	47	See ZJHK AD2.19
翁源 Wengyuan VOR/DME	WYN	113.9MHz CH 86X	H24	N24°21'00" E114°06'42"	43	Beyond 33NM of R098°U/S.
闻堰 Wenyan NDB	WY	572kHz	H24	N30°07'18" E120°12'06"		See ZSHC AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
武当山 Wudangshan VOR/DME	DSY	115.15MHz CH 98Y	H24	N32°34'18" E110°56'06"	364	
五凤溪 Wufengxi VOR/DME	WFX	117.1MHz CH 118X	H24	N30°36'24" E104°29'30"		See ZUTF ZUUU AD2.19
无极 Wuji NDB	FL	272kHz	H24	N38°14'54" E114°53'18"		See ZBSJ AD2.19
五粮液 Wuliangye VOR/DME	WLY	112.9MHz CH 76X	H24	N28°51'00" E104°33'48"	400	
五通 Wutong NDB	PA	286kHz	H24	N25°24'18" E110°03'36"		See ZGKL AD2.19
无锡 Wuxi VOR/DME	VMB	113.9MHz CH 86X	H24	N31°44'36" E120°11'30"	38	See ZSWX AD2.19
吴忠 Wuzhong VOR/DME	DWZ	112.4MHz CH 71X	H24	N37°55'18" E106°20'36"	1 103	See ZLIC AD2.19
厦门 Xiamen VOR/DME	XMN	114.5MHz CH 92X	H24	N24°32'36" E118°07'24"	23	See ZSAM AD2.19
襄阳 Xiangyang NDB	NO	233kHz	H24	N32°04'30" E112°16'36"		
小丹阳 Xiaodanyang NDB	ID	440kHz	H24	N31°40'00" E118°43'00"		See ZSNJ AD2.19
西昌 Xichang VOR/DME	XIC	114.2MHz CH 89X	H24	N28°00'12" E102°11'00"	1 566	See ZUXC AD2.19
锡林浩特 Xilinhot VOR/DME	HOT	114.3MHz CH 90X	H24	N43°54'54" E115°58'00"	1 021	
杏林 Xinglin VOR/DME	XLN	114.7MHz CH 94X	H24	N24°33'54" E118°00'54"	46	See ZSAM AD2.19
行唐 Xingtang NDB	OC	235kHz	H24	N38°27'18" E114°33'18"		See ZBSJ AD2.19

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
西宁 Xining VOR/DME	XNN	116.5MHz CH 112X	H24	N36°31'36" E102°01'48"	2 196	See ZLXN AD2.19
新郑 Xinzheng VOR/DME	CGO	114.5MHz CH 92X	H24	N34°31'06" E113°50'36"	158	See ZHCC AD2.19
西山 Xishan VOR/DME	SGM	110.6MHz CH 43X	H24	N25°04'54" E102°31'12"	2 312	See ZPPP AD2.19
浠水 Xishui VOR/DME	XSH	115.4MHz CH 101X	H24	N30°26'06" E115°16'00"		
薛家岛 Xuejiadao VOR/DME	XDX	110.4MHz CH 41X	H24	N35°58'42" E120°17'24"	110	See ZSQD AD2.19
叙永 Xuyong VOR/DME	XYO	116.7MHz CH 114X	H24	N28°10'18" E105°25'12"		
徐州 Xuzhou VOR/DME	XUZ	114.3MHz CH 90X	H24	N34°03'36" E117°33'00"	6	See ZSXZ AD2.19
雅布赖 Yabrai VOR/DME	YBL	115.7MHz CH 104X	H24	N39°25'18" E102°46'30"		
盐城 Yancheng VOR/DME	YCH	115.3MHz CH 100X	H24	N33°25'18" E120°12'18"	13	See ZSYN AD2.19
扬州 Yangzhou VOR/DME	SJD	113.1MHz CH 78X	H24	N32°32'42" E119°43'36"	13	See ZSYA AD2.19
延吉 Yanji VOR/DME	YNJ	113.1MHz CH 78X	H24	N42°53'00" E129°27'06"	210	See ZYYJ AD2.19
烟庄 Yanzhuang NDB	ZS	359kHz	H24	N34°13'18" E108°51'12"		See ZLXY AD2.19
姚集 Yaoji NDB	DO	266kHz	H24	N34°04'30" E117°48'42"		See ZSXZ AD2.19
叶尔羌 Yarkant VOR/DME	DSC	112.5MHz CH 72X	H24	N38°13'18" E077°04'18"	1 317	

导航设施名称、类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
银川 Yinchuan VOR/DME	YHD	112.0MHz CH 57X	H24	N38°20'48" E106°24'36"	1 141	See ZLIC AD2.19
英德 Yingde VOR/DME	YIN	113.5MHz CH 82X	H24	N24°11'24" E113°24'54"	167	See ZGGG AD2.19
义乌 Yiwu VOR/DME	YEU	113.2MHz CH 79X	H24	N29°19'54" E120°01'54"	87	See ZSYW AD2.19
永福 Yongfu NDB	JW	281kHz	H24	N25°00'30" E110°01'00"		See ZGKL AD2.19
玉都 Yudu VOR/DME	DJQ	114.7MHz CH 94X	H24	N38°13'00" E085°26'36"	1 232	
榆林 Yulin VOR/DME	YLX	116.7MHz CH 114X	H24	N38°22'54" E109°34'42"	1 195	
运城 Yuncheng VOR/DME	YCE	112.3MHz CH 70X	H24	N35°07'06" E111°02'00"	397	
云和 Yunhe NDB	BZ	244kHz	H24	N28°06'06" E119°33'42"		
咎岗镇 Zangangzhen NDB	JB	403kHz	H24	N39°02'36" E116°11'54"		
泽当 Zedang NDB	DM	435kHz	H24	N29°15'18" E091°45'54"		See ZULS AD2.19
张家界 Zhangjiajie VOR/DME	DYG	114.4MHz CH 91X	H24	N29°05'36" E110°24'18"	246	See ZGDY AD2.19
张家口 Zhangjiakou VOR/DME	HAR	113.9MHz CH 86X	H24	N40°43'42" E114°57'48"	735	For DME: R004°-R027° clockwise U/S.
张庄 Zhangzhuang NDB	AR	520kHz	H24	N36°43'24" E116°55'00"		

导航设施名称、 类别 Name and Types of Aid	识别 ID	频率波道 Frequency Channel	工作时间 Hours of operation	坐标 Coordinates	DME 天线 标高 ELEV of DME antenna(m)	备注 Remarks
昭通 Zhaotong VOR/DME	ZAT	115.5MHz CH 102X	H24	N27°19'24" E103°45'18"		For VOR: Beyond 20NM on R077° U/S; For DME: R053°-R057° clockwise and beyond 18NM on R077° U/S.
正定 Zhengding VOR/DME	SJW	117.7MHz CH 124X	H24	N38°16'48" E114°41'54"	68	See ZBSJ AD2.19
芷江 Zhijiang VOR/DME	ZHJ	117.8MHz CH 125X	H24	N27°27'00" E109°42'30"	275	R042°-R136° clockwise (except R047°, R064°,R077°) U/S.
中卫 Zhongwei VOR/DME	ZWX	117.5MHz CH 122X	H24	N37°34'24" E105°07'30"	1 263	For DME: Beyond 36NM on R231° U/S.
中原 Zhongyuan VOR/DME	DZY	116.8MHz CH 115X	H24	N34°43'36" E113°33'00"	196	See ZHCC AD2.19
周口 Zhoukou VOR/DME	ZHO	115.5MHz CH 102X	H24	N33°39'54" E114°39'18"	115	
舟山 Zhoushan VOR/DME	HSN	112.3MHz CH 70X	H24	N29°55'54" E122°21'48"	9	See ZSZZ AD2.19
祖庵 Zu'an VOR/DME	ZNX	110.8MHz CH 45X	H24	N34°06'42" E108°30'12"	431	See ZLXY AD2.19

ENR 4.2 特殊导航系统

ENR 4.2 SPECIAL NAVIGATION SYSTEMS

待定

(to be developed)

ENR 4.3 重要点的名称代码 NAME-CODE DESIGNATORS FOR SIGNIFICANT POINTS

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
ABTUB	N36°00'02" E117°22'04"	A593 W568	ABVAX	N47°27'36" E120°35'21"	A345
ABVIL	N29°38'30" E119°18'54"	G204 W133 W504	ABVIR	N30°14'17" E102°54'55"	V69
ADBAG	N24°13'18" E105°13'00"	A599 R471	ADBAS	N30°20'36" E120°16'02"	W135
ADBES	N38°25'11" E114°02'20"	B215	ADBIN	N21°58'05" E112°49'16"	R200
ADGOL	N31°28'42" E116°50'42"	W50 W164	ADKUN	N18°38'30" E108°10'36"	W169
ADMUX	N38°52'33" E090°57'01"	W112	ADNEN	N35°30'25" E107°41'14"	W94 W541
ADPET	N44°25'03" E089°41'36"	B206 W188 W190	AGAVO	N37°10'00" E124°00'00"	A591 G597 W209
AGIBI	N29°26'02" E119°38'45"	A470 V71	AGOGU	N37°58'27" E116°30'21"	W157
AGOXA	N44°04'31" E088°50'42"	W99	AGPOR	N20°18'09" E110°13'48"	A202 V12 V13 W71
AGPUX	N32°10'22" E119°29'25"	V14	AGRAV	N23°16'18" E111°31'40"	A599
AGRIV	N42°20'28" E117°01'26"	W28 W52	AGSOS	N34°25'30" E114°26'16"	W151
AGTEL	N20°30'00" E110°17'36"	W71 W223	AGTIS	N27°22'08" E106°45'00"	A581 W3 W182
AGULU	N32°15'43" E107°11'31"	W81 W233 W242	AGVEN	N38°57'25" E107°02'38"	W220
AGVIL	N24°09'11" E112°51'19"	W24	AKAGI	N36°34'00" E096°35'30"	Y1
AKAMI	N32°15'00" E116°57'10"	W571	AKARA	N31°30'00" E123°30'00"	A326 A593
AKAVO	N27°15'37" E119°33'21"	A470	AKBEK	N30°27'47" E106°51'10"	B213 W180
AKBEP	N33°45'44" E121°51'25"	W113	AKDIK	N31°41'12" E105°12'18"	W230
AKDIM	N30°26'10" E120°03'08"	A470 W131	AKEKO	N28°27'29" E119°34'53"	A470
AKMAT	N37°36'06" E103°50'35"	B330	AKNAV	N26°00'33" E108°43'38"	B330
AKOMA	N34°41'29" E114°45'10"	A461	AKOPI	N30°29'49" E105°18'47"	W80

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
AKPAD	N42°11'06" E116°28'30"	W33	AKREB	N30°03'42" E108°20'25"	B213
AKSIG	N32°30'00" E118°32'00"	W543	AKUBA	N28°45'18" E113°36'01"	A461
AKVEP	N32°33'50" E104°35'49"	B330	AKVOD	N39°57'15" E112°02'49"	W560
AKVOV	N43°25'00" E086°27'20"	B215	ALADU	N24°19'17" E118°00'40"	W123
ALARA	N38°33'40" E120°33'06"	A326 V45	ALBOD	N38°05'10" E115°18'04"	W62 W623
ALDAP	N31°37'31" E122°22'14"	B221 G455 V141	ALDEL	N30°08'20" E107°11'27"	B213 W550
ALEKI	N21°50'58" E109°05'42"	R339	ALGAB	N27°58'29" E105°35'11"	B330
ALGAG	N24°37'31" E111°18'03"	G586	ALGAK	N36°30'12" E107°16'05"	W216
ALGOV	N40°11'55" E109°57'55"	W101 W193	AMURI	N24°42'01" E118°10'07"	A470
AMVIK	N40°04'00" E116°59'30"	V9	AMVOG	N38°25'23" E114°43'24"	G212 W61
ANBEP	N31°06'09" E107°35'35"	W4	ANDIM	N37°21'30" E102°26'23"	B215 W197
ANDIN	N41°04'42" E118°42'54"	Used by ATC	ANISA	N28°18'02" E114°59'37"	W46
ANLAM	N29°14'15" E105°07'33"	W234	ANOBI	N40°13'17" E119°10'45"	W35 W201
ANOLO	N40°06'30" E114°00'00"	W96	ANONU	N28°39'11" E115°37'08"	W530
ANPIG	N37°03'15" E112°51'01"	B208	ANPIM	N19°22'44" E109°49'49"	G221 W528
ANRAT	N38°39'30" E119°57'24"	A326 V9 V47 W34 W575	ANRUG	N33°24'50" E108°05'17"	Used by ATC
ANSUK	N41°02'53" E124°11'37"	A345 A575	APAKA	N23°51'50" E118°26'40"	M503 W123
APESI	N43°45'37" E125°58'04"	G341 W656 W657	APESO	N27°38'34" E113°40'02"	W37 W615
APEXO	N31°23'38" E105°38'16"	W233	APEXU	N38°39'22" E113°56'03"	W45
APITO	N29°35'00" E124°00'00"	A326	APOGO	N37°55'46" E110°39'53"	B215 W218
APUKI	N28°09'33" E106°42'10"	W3 W91	APUKO	N44°53'44" E122°07'04"	A345

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
AREKU	N38°37'44" E115°02'22"	Used by ATC	ARGUK	N47°53'00" E134°39'30"	G212
ASAVA	N40°20'13" E116°19'36"	W45 W47	ASILA	N41°57'31" E115°57'07"	A575 B339
ASOGO	N28°13'59" E112°05'05"	W194 W610	ASSAD	N18°20'30" E107°40'54"	A202
ASURI	N42°36'09" E111°54'02"	G343 W32	ATAGA	N24°09'41" E113°41'02"	V5
ATALA	N17°40'18" E109°17'20"	W169 W170	ATBUG	N41°01'50" E104°28'24"	W28 W66
ATERI	N36°37'38" E109°29'38"	W43 W193	ATKEV	N37°42'56" E115°18'30"	V79 V80
ATLAD	N31°48'30" E105°25'38"	W230	ATLAT	N23°30'47" E110°21'45"	A599
ATLED	N36°31'54" E120°22'44"	W5	ATLIX	N31°38'03" E119°23'00"	R343 V7
ATMEM	N32°53'04" E114°41'02"	W37	ATNIK	N31°26'50" E106°10'25"	W81
ATNOK	N39°16'08" E096°50'39"	W191	ATOLO	N24°47'24" E103°02'00"	W143 W150
ATPAV	N27°44'29" E103°58'23"	W144	ATPIR	N38°16'54" E115°54'47"	W37
ATPOG	N30°12'00" E102°26'56"	V69	ATRAR	N38°17'40" E115°05'00"	Used by ATC
ATRIP	N30°36'48" E121°47'00"	W58	ATSAB	N25°05'36" E118°37'06"	A470 W548
ATSUD	N30°27'15" E111°21'26"	W80 W241	ATVAD	N33°17'45" E118°51'15"	A593 V142
ATVAX	N29°30'12" E105°01'25"	W234	ATVIM	N33°56'54" E117°12'18"	W127
ATVOM	N45°27'28" E126°15'19"	V85	AVBEP	N22°54'55" E116°01'20"	R200
AVBER	N37°17'00" E114°48'51"	B458	AVBIK	N36°31'11" E120°33'38"	W172
AVBOX	N38°38'52" E116°22'41"	W157	AVBUD	N37°06'54" E102°18'56"	W191
AVGOM	N30°00'43" E121°08'12"	W502	AVGUT	N28°25'40" E113°30'27"	W607 W613
AVKES	N37°33'30" E112°29'57"	G212 W175	AVLEN	N31°14'40" E114°31'37"	W37
AVLIM	N42°06'01" E091°46'09"	W192	AVLIS	N37°29'48" E115°09'13"	W62

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
AVLOG	N31°59'00" E117°17'27"	V64 W127	AVLOK	N35°27'37" E120°32'37"	B221 W650
AVLUV	N38°06'37" E115°34'01"	W56 W562	AVMAD	N28°03'17" E113°42'14"	W37 W614 W615
AVMOS	N41°14'32" E116°31'24"	B339	AVMUT	N43°38'45" E124°55'02"	W653 W660
AVNOD	N33°07'46" E115°33'26"	V104 W596	AVNOT	N39°19'57" E107°43'53"	W220
AVPAM	N23°12'30" E111°49'36"	A599 B330 V21 V25	AVPID	N30°44'03" E113°15'17"	B213 W207
BASOV	N37°27'24" E118°13'00"	W4	BATUS	N43°07'33" E095°05'11"	W188
BAXOD	N40°37'25" E111°55'46"	B208 W69	BEBAN	N38°24'25" E119°59'00"	Used by ATC
BEBEM	N22°57'00" E116°21'38"	A470 R200	BEBEP	N42°12'38" E084°00'05"	B215
BEGMO	N28°00'00" E121°50'00"	M503 W13 W117	BEGRI	N40°06'30" E114°30'00"	Used by ATC
BEGUK	N30°23'15" E106°56'02"	B213 W30	BEKDO	N38°15'33" E116°14'39"	W57 W61 W157
BEKOL	N22°32'36" E114°08'00"	A461	BELAX	N38°43'12" E115°31'35"	G212
BELIP	N37°59'15" E105°22'11"	B215	BELUM	N33°46'50" E114°46'19"	W37
BEMAG	N26°01'04" E114°00'03"	R473 V5	BEMTA	N28°08'55" E112°16'26"	R343 W610
BENBI	N31°48'57" E114°20'43"	W56 W118	BEPGU	N43°42'18" E125°55'40"	W653 W657
BESMI	N35°46'33" E104°09'07"	B330 V115	BEVNU	N30°31'29" E105°34'17"	W80
BEVTA	N38°01'19" E089°43'05"	L888	BIDIB	N41°24'24" E124°09'48"	A345 A575 A588 W512
BIDRU	N22°43'06" E100°57'54"	A581 L888	BIGBU	N38°41'03" E123°53'22"	B332
BIGOR	N30°16'50" E100°00'00"	L888 W9	BIGRO	N21°34'12" E111°49'36"	G221 R200 V20 W552
BIGVI	N26°22'23" E109°38'37"	W102	BIKNO	N40°54'54" E093°50'53"	G470 W620
BIKOB	N45°25'33" E125°36'29"	W626	BIKUT	N40°30'25" E113°59'32"	B458 W69
BILAT	N23°52'03" E114°08'47"	W19	BILDA	N39°45'13" E097°32'35"	W112 W619

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
BIMEG	N39°20'00" E117°54'00"	V9 V48	BINUS	N23°50'28" E117°24'14"	W597
BIPIM	N32°33'56" E116°10'57"	B208	BIPIP	N27°11'57" E106°22'31"	A581 W179
BIPOP	N23°20'58" E111°08'55"	A599	BISAL	N37°06'02" E112°13'37"	V90 W175
BISUN	N43°14'00" E131°11'48"	B451	BIVAT	N36°39'50" E111°57'10"	W175 W210
BIVEX	N43°34'08" E086°29'33"	W119	BIVIP	N31°07'44" E115°16'49"	R343
BIXEG	N44°23'02" E126°06'02"	W656 W660	BODUV	N28°39'10" E109°39'45"	A581 W102
BOKAT	N22°02'16" E113°00'00"	R200	BOKIR	N31°46'04" E104°20'59"	W179
BOKIX	N30°46'49" E107°01'02"	W180	BOLEX	N31°00'00" E123°00'00"	B591 G327
BONGI	N31°00'00" E122°38'53"	G327	BONLU	N38°35'41" E114°31'10"	B215 B458
BONPI	N30°44'30" E106°01'29"	W231	BONSA	N28°14'25" E106°56'47"	W91 W180
BOPTU	N28°34'34" E104°02'41"	G212 W162	BOTPU	N39°59'07" E115°28'30"	W47
BUBDA	N25°52'06" E113°27'49"	A461 W56	BUBDI	N46°29'56" E126°27'11"	A588 V81 W628
BUBLO	N38°38'51" E120°35'10"	W576	BUBSU	N24°59'35" E100°14'10"	W146 W162
BUGPA	N37°34'57" E119°32'00"	W4	BUKPU	N36°56'13" E103°17'02"	W197 W198 W622
BUMDU	N40°42'50" E117°16'55"	G212 W47 W64	BUNTA	N16°50'00" E109°23'42"	A1 G221
BUPMI	N31°25'18" E105°17'23"	G212	BUTET	N43°40'52" E124°17'49"	G341 W653 W654
BUTPO	N41°50'09" E112°54'15"	W561 W634	BUVMA	N38°06'47" E116°22'43"	W157 W562
BUVUR	N30°33'51" E104°43'18"	B330 W80	CC401	N43°44'08" E124°26'49"	W654
CC411	N44°02'43" E125°33'05"	W660	CC451	N43°37'13" E124°29'29"	W653
CC452	N43°46'31" E125°07'17"	W654 W660	CC454	N42°56'02" E125°10'28"	W658
CC455	N42°54'50" E125°22'01"	W657	CC512	N44°13'02" E125°49'44"	W655 W660

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
CC518	N43°40'17" E125°22'36"	W653	CC564	N43°33'24" E125°36'45"	W658
DABER	N24°08'34" E116°51'44"	W155 W598	DABUB	N19°31'11" E109°11'36"	A202 V41
DADAT	N30°27'00" E121°14'48"	G204 W15	DADGA	N36°21'22" E115°01'40"	B458 W37
DADOL	N26°30'03" E103°17'39"	W144 W149	DAGMO	N27°26'09" E119°33'22"	A470
DAKOR	N29°30'30" E109°37'48"	W102	DAKPA	N44°01'48" E091°25'21"	W188 W189
DALIM	N36°25'04" E117°12'47"	A593 W142 W157	DALNU	N33°48'45" E118°10'04"	A470 W166
DALUP	N38°09'10" E114°48'05"	W623	DAPRO	N29°15'28" E113°38'21"	A461
DELEG	N30°11'58" E109°36'14"	W80 W102	DOBGA	N38°24'47" E121°27'31"	A326 V68 W8 W202 W574
DOBSO	N31°01'45" E098°39'41"	B213	DOBVI	N19°18'56" E110°00'34"	W222 W528
DODSA	N28°06'33" E112°21'42"	W610 W611	DOGAR	N39°09'46" E116°47'07"	Used by ATC
DOGVI	N31°49'14" E118°57'50"	A470 V11 W135 W545	DOLGU	N30°25'55" E098°11'34"	W9
DOMGO	N20°30'00" E110°50'24"	W605	DOMVA	N37°21'55" E106°45'04"	W215
DONDA	N14°42'12" E112°01'18"	M771	DONEN	N25°02'42" E100°17'00"	L888
DONVO	N37°34'00" E123°20'00"	A326 G597	DOPNI	N28°39'33" E111°10'19"	W138
DOPNO	N35°00'00" E123°24'19"	A326	DOSKU	N36°05'04" E114°43'18"	V54 W56
DOSTA	N18°29'24" E109°36'50"	W222	DOSUT	N17°02'00" E113°40'48"	M771
DOTMI	N22°43'06" E116°10'06"	A470 V35	DOTRA	N40°45'26" E116°48'07"	B334
DOVIV	N38°06'40" E119°31'57"	V89 W55 W200	DOVOP	N34°45'26" E108°42'30"	W540 W541
DOVSU	N37°29'20" E115°34'16"	V80	DOXAB	N38°17'28" E116°37'30"	W40
DOXED	N38°56'55" E107°27'14"	W217	DUBAG	N34°51'46" E113°43'46"	B208 V33 W595
DUBAM	N44°57'32" E125°50'20"	W630	DUBAS	N30°48'38" E114°17'24"	R343 W37

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
DUBGO	N29°51'19" E119°39'53"	A470 W133 W134 W503 W508	DUBID	N32°10'30" E107°46'11"	W30
DUBIK	N45°02'01" E125°15'17"	W625	DUBIX	N38°19'40" E115°12'20"	Used by ATC
DUBNA	N29°32'10" E112°18'32"	V107	DUBUB	N39°59'08" E112°04'52"	B208
DUBUV	N43°48'15" E089°31'01"	B215	DUBVU	N29°32'40" E118°39'48"	V76
DUDBI	N33°12'21" E114°42'56"	W37 W128 W639	DUDIL	N40°38'38" E110°27'38"	W69 W72 W101
DUDIT	N23°49'15" E108°09'42"	A599 W181	DUDUR	N43°42'02" E090°37'52"	W99
DUGEB	N38°39'43" E115°48'14"	W56	DUKAG	N43°47'17" E125°21'06"	W654 W659
DUKIR	N44°31'56" E125°53'51"	W630 W655	DULEX	N43°56'19" E122°55'41"	A345 G212
DUMAM	N43°57'56" E088°48'42"	B215	DUMAP	N38°35'29" E118°01'45"	W55
DUMET	N31°21'39" E122°46'30"	A593 W108 W114	DUMIN	N38°10'00" E092°30'00"	W192 Y1
DUMIX	N29°14'00" E092°35'10"	W9 W526	EGANA	N40°31'40" E112°10'01"	W559
EGEBI	N36°47'33" E112°56'12"	B208 V93	EGEDA	N25°20'54" E115°06'42"	G471
EGEKI	N29°30'30" E119°32'25"	W135	EGEMU	N17°00'00" E112°17'00"	L642
EGILO	N40°38'48" E109°59'02"	W69 W193	EKADI	N27°34'36" E107°12'44"	A581
EKADO	N45°06'05" E125°11'12"	G212	EKETA	N37°52'29" E112°35'21"	B208 B215
EKIBA	N28°05'39" E113°00'51"	W610	EKIMU	N31°21'06" E121°06'36"	R343
EKOKA	N30°38'51" E105°21'55"	W231	EKORO	N36°25'20" E115°03'58"	W4 W37
EKULI	N38°32'38" E121°12'57"	W5 W576 W578	EKVOK	N41°49'24" E124°06'36"	A345 W89
EKVUT	N31°45'25" E122°18'37"	B221 V3	ELAGO	N30°48'00" E122°11'00"	B221 V72
ELAPU	N40°12'33" E115°30'10"	W64	ELASU	N23°59'13" E101°47'22"	A581 W147
ELBAV	N26°17'38" E107°02'49"	W180 W181	ELDUD	N29°18'35" E104°36'01"	W232

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
ELGIT	N24°24'06" E118°00'18"	W597	ELKAL	N26°05'48" E108°23'50"	B330 W179
ELKUR	N38°38'23" E116°39'54"	W40 W98	ELNEX	N29°37'54" E119°29'24"	A599 G204 W134
ELNUN	N29°53'44" E093°56'27"	W9 W16 W510	ELPAN	N34°58'33" E104°11'29"	B330
ELPUN	N46°18'26" E121°04'18"	A345	ELRER	N27°30'35" E115°33'07"	W19
EMRAL	N29°06'00" E115°50'00"	W105 W530	EMRID	N29°32'56" E119°38'55"	A470 V143 W135
EMSAN	N31°40'43" E122°46'30"	G455	EMSOV	N29°59'01" E107°21'55"	B213
EMVEM	N41°16'32" E113°30'52"	B458	EMVIG	N45°05'54" E125°38'33"	W625 W630
EMVIL	N32°13'05" E109°46'39"	W102	EMVUT	N25°25'44" E110°22'44"	R343
ENBOP	N39°06'47" E107°19'39"	W220	ENKUS	N24°40'39" E109°49'13"	R343
ENLAB	N32°22'59" E114°38'12"	W37	ENLIL	N28°19'00" E106°41'36"	W3
ENPEN	N43°48'40" E125°48'03"	W654 W655 W658	ENSIX	N19°44'54" E108°10'54"	W169
ENSOX	N30°23'22" E109°36'32"	B213 W102	ENTUD	N38°19'28" E114°49'52"	Used by ATC
ENVAV	N38°46'33" E118°22'40"	W36 W97	ENVEN	N25°20'30" E118°55'06"	A470 V55
ENVIP	N24°19'07" E113°42'38"	V5	ENVIS	N30°13'31" E100°43'28"	W9
EPDAG	N43°17'37" E086°12'08"	B215	EPGAL	N28°26'46" E109°08'44"	A581
EPGAM	N37°15'13" E116°54'02"	A593	EPGOS	N32°58'31" E115°26'28"	W128 W594
EPKAL	N17°51'30" E112°57'18"	L642	ERVEB	N43°06'44" E114°51'50"	B339
ERVOP	N29°32'33" E119°22'35"	A599	ESBAG	N31°37'13" E119°40'23"	R343 W545 W581
ESBID	N43°22'24" E090°32'05"	G470	ESBIX	N28°05'00" E113°23'18"	W46 W521
ESDEX	N41°37'45" E091°51'08"	W191 W192	ESDOS	N31°43'18" E114°28'03"	A461
ESGIG	N35°37'55" E106°26'14"	W93	ESGIV	N44°07'09" E091°02'11"	W188

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
ESKAM	N30°32'34" E114°11'52"	V106 W80	ESMEB	N32°15'24" E114°21'31"	W56
ESMEP	N43°32'00" E112°01'31"	A575	ESMEX	N37°10'47" E102°02'19"	W191
ESMOL	N30°32'29" E105°43'41"	W80	ESNIB	N26°14'03" E107°52'47"	B330
ESNUK	N40°54'57" E113°06'26"	W65	ESPEG	N30°58'04" E106°00'32"	B213
EXORI	N37°37'24" E112°39'40"	B208 G212	EXOTO	N15°21'30" E111°03'00"	L642
EXUMI	N38°04'58" E113°04'53"	V93	EXURI	N26°35'00" E111°10'24"	R343 V87
EXURU	N42°16'26" E082°11'57"	A460 W119	GIVIV	N20°57'14" E111°03'19"	G221 R339 W605
GOBIN	N41°29'58" E102°48'27"	B330 W66	GOBOK	N43°20'45" E084°21'53"	A343 W119
GODON	N37°46'27" E112°21'06"	B215 W43 W87	GOKEB	N32°04'30" E108°24'20"	W4
GOLAL	N36°45'52" E117°05'06"	A593	GOLOT	N40°12'30" E124°30'30"	A345 A575
GOMON	N30°05'49" E094°58'29"	W9	GOPTO	N49°05'30" E087°28'00"	B206
GORMU	N24°52'35" E118°09'05"	V55	GORPI	N33°40'07" E121°24'22"	B221 W113
GOSMA	N29°21'14" E113°14'30"	R343 W82 W83	GOSRO	N31°33'24" E119°13'20"	W135 W546
GOTBO	N38°24'18" E106°39'30"	W217	GOTSU	N38°30'58" E120°16'01"	W201 W575
GOTVA	N37°21'23" E117°09'54"	V31	GOVNI	N30°21'16" E121°23'40"	B221 V140 W502
GOVSA	N41°52'16" E096°14'32"	W66 W188	GUDRO	N29°17'01" E113°32'17"	W56
GUGAM	N30°12'59" E113°11'08"	A581 V106 W156	GUINS	N37°32'34" E111°45'02"	W43
GUKEX	N30°09'13" E109°25'51"	W80	GUKNA	N35°27'40" E114°17'15"	V54
GULEK	N36°33'23" E115°24'15"	W4	GULOT	N24°37'24" E101°33'51"	A599 W146 W632
GULUN	N19°09'46" E109°43'34"	G221 W527	GUMAL	N30°02'07" E119°46'25"	W132 W503 W504
GUMED	N38°01'00" E120°34'20"	V42 W5 W588	GUMOD	N41°28'12" E123°13'39"	V57 W600

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
GUPKU	N32°49'40" E109°02'05"	W4	GUPUL	N43°27'12" E125°32'21"	W658 W659
GURET	N31°14'00" E105°21'26"	W233	GURIL	N34°35'31" E118°53'11"	Used by ATC
GURIN	N21°51'04" E113°00'00"	W552	GUSEV	N35°58'24" E121°41'49"	V112
GUSIR	N37°12'24" E117°02'30"	W4 W40	GUSIV	N29°14'07" E113°44'26"	V52 W37
GUTOV	N33°35'32" E114°45'13"	B208 W37	GUTRU	N36°29'38" E109°10'46"	W43 W47
GUTUS	N34°01'52" E114°38'13"	V113 W596	GUTVI	N29°53'53" E107°41'30"	B213 W168
GUTVO	N36°49'01" E119°47'08"	V89	GUVBA	N40°26'00" E115°31'50"	W69
GUVRI	N38°29'52" E115°42'00"	W56 W85	GUXEN	N45°50'56" E126°30'57"	V81 V82
GUXUV	N32°11'18" E116°43'42"	B208 V39 W570	HA310	N29°06'42" E113°43'50"	Used by ATC
HA311	N28°06'46" E114°12'03"	W614	HA350	N29°06'56" E113°32'24"	Used by ATC
HA356	N28°15'39" E114°04'36"	W609	IBANO	N40°18'21" E094°52'00"	B215 G470 W187
IBARO	N39°59'21" E111°50'18"	W47 W84	IBEGI	N31°49'25" E122°16'33"	B221
IBVUL	N30°17'56" E096°00'30"	W9 W12	IDAXI	N26°44'32" E113°47'09"	R473 W615
IDBIN	N29°41'50" E118°42'18"	G204	IDBON	N29°40'24" E091°19'30"	W522
IDBOR	N29°20'03" E104°51'27"	B330 W237	IDEPO	N25°42'55" E107°40'44"	W181
IDGAG	N30°34'38" E113°49'57"	A581 W80	IDGIS	N38°45'32" E114°58'40"	B215
IDGOB	N37°24'21" E106°59'05"	W216	IDIMO	N45°19'07" E126°27'24"	V85
IDKEX	N40°46'40" E116°34'00"	B339	IDKOT	N33°51'16" E118°46'03"	W177 W178
IDLAL	N43°08'54" E092°35'07"	W99	IDLUS	N17°39'41" E108°39'04"	W169
IDMOL	N42°41'30" E081°44'21"	A460	IDNIK	N30°26'00" E121°29'54"	V140 V141
IDNUS	N30°23'47" E109°39'24"	B213	IDOPU	N43°26'23" E091°31'46"	W99 W189

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IDPOG	N30°38'18" E113°56'35"	A581 W56	IDPUG	N24°40'08" E102°34'06"	W146 W147
IDSEG	N27°40'50" E105°41'10"	B330	IDSID	N27°37'47" E105°06'40"	W30 W91 W145
IDSOT	N39°13'27" E109°29'59"	W47 W48	IDULA	N34°18'04" E114°42'53"	A461
IDUMA	N22°53'47" E113°57'06"	A461 W22 W68 W501	IDUPU	N19°09'47" E109°56'10"	W222 W527
IDVEL	N35°22'51" E120°34'55"	B221	IDVEM	N32°51'36" E104°17'42"	W179
IDVOT	N43°37'24" E127°17'00"	G341	IDVUK	N34°13'56" E113°26'35"	W638
IGADA	N34°08'20" E110°27'16"	W4	IGADO	N45°57'48" E127°24'44"	G212 V82 V83
IGAGA	N23°09'52" E114°27'13"	V17	IGDAG	N30°03'57" E092°34'38"	W510 W522
IGDAS	N26°01'37" E104°27'18"	W137	IGDEG	N38°00'22" E120°48'18"	W172 W173 W587
IGDID	N37°48'37" E115°20'24"	W62	IGDON	N39°28'01" E097°02'00"	B215
IGDOS	N45°43'37" E125°33'35"	W627	IGDUL	N30°07'00" E108°33'42"	B213
IGDUT	N43°44'37" E129°07'06"	B451	IGEDU	N30°40'37" E111°57'45"	B213 W45
IGEKA	N27°26'53" E103°15'24"	G212	IGELA	N30°23'08" E093°35'59"	B213 W522
IGITA	N30°21'15" E109°27'45"	B213	IGIVU	N41°30'18" E118°45'56"	A575
IGLEX	N32°18'19" E106°40'28"	G212 W242	IGMES	N38°04'48" E115°34'05"	W56 W624
IGMIG	N33°17'14" E114°27'15"	W56 W128	IGMOR	N38°49'51" E118°01'54"	W36
IGMUD	N38°06'57" E115°53'13"	W37 W562	IGNAK	N29°16'19" E104°15'43"	W144 W179
IGNOL	N32°37'44" E107°39'13"	W81	IGONO	N23°57'57" E114°03'53"	W44
IGPAR	N29°29'24" E110°08'28"	W139	IGPAS	N41°27'36" E112°43'08"	G218
IGPET	N40°05'09" E112°10'54"	W47 W559	IGPIL	N35°41'23" E113°32'28"	V105
IGPOX	N35°09'17" E120°56'45"	W108	IGPUP	N44°34'43" E124°21'03"	W204

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IGRAT	N30°43'00" E119°48'21"	A470	IGREL	N31°52'20" E106°29'11"	W233
IGRID	N24°33'10" E103°11'08"	W148	IGUNI	N29°07'32" E104°57'46"	B330
IKADI	N34°05'30" E123°29'00"	A326 W113	IKAGA	N39°43'10" E097°17'07"	W112
IKARA	N44°43'20" E086°59'34"	A368	IKARU	N48°57'19" E117°08'59"	G338 W606
IKATA	N23°45'54" E117°08'10"	A470 W597	IKAVO	N24°23'13" E113°02'57"	W45
IKEKA	N36°49'53" E123°21'15"	A326 A591 V112 W4	IKELA	N18°39'42" E112°14'42"	A1
IKITI	N45°54'54" E121°14'06"	A345 W27	IKUBA	N30°51'20" E115°54'03"	V65 V106 W50
IKUBI	N29°19'36" E090°11'34"	B345	IKULI	N22°58'24" E111°34'53"	R474
INTIK	N43°40'48" E111°54'06"	A575 W32	INTIV	N38°28'29" E120°31'11"	W575
IPELV	N39°18'51" E114°20'10"	B458 W45	IPLOL	N30°08'22" E104°24'36"	W179 W237
IPMIN	N35°57'33" E120°29'27"	W172	IPMUN	N42°31'06" E091°41'39"	G470 W189 W192
IPNAG	N28°23'44" E103°37'55"	W162	IPNON	N39°04'28" E109°27'46"	W47
IPRAG	N31°17'49" E122°26'28"	A593 W13	IRNOL	N27°09'12" E115°24'32"	W19
IRPEP	N43°40'37" E090°04'48"	B215 G470	IRSUM	N36°01'37" E104°39'51"	W214
IRTAT	N24°22'49" E113°43'15"	V5	IRTOL	N36°46'42" E096°03'36"	Y1
IRVAG	N40°32'07" E111°51'02"	W560	IRVED	N27°43'53" E105°51'17"	W179
ISBAM	N40°12'33" E112°01'34"	B208	ISBEB	N40°30'53" E083°55'54"	W186
ISBIG	N20°38'39" E110°54'30"	A202 W605	ISBOP	N44°28'28" E126°00'11"	A588
ISBOS	N41°31'59" E106°05'56"	W28	ISDUM	N30°45'13" E104°08'07"	Used by ATC
ISGAP	N39°19'51" E120°00'08"	W201	ISGEG	N21°13'00" E108°18'18"	W169
ISKEM	N40°49'57" E123°45'01"	A588 V59	ISLEP	N37°57'07" E113°29'29"	G212

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ISLUK	N44°30'22" E126°07'39"	W629 W656	ISMAB	N30°55'54" E106°09'42"	B213
ISMED	N28°05'31" E113°27'09"	W46 W56	ISNEB	N32°50'47" E116°10'30"	V78 V104
ISNIR	N29°30'01" E118°54'37"	W132	ISPUR	N30°14'55" E121°56'01"	V72
IVPIP	N34°49'13" E123°25'14"	A326	IVPUV	N41°56'50" E124°29'43"	W89 W603
IVRUG	N31°04'26" E098°06'55"	B213	IVSAX	N31°17'31" E115°47'10"	R343
IVSOL	N30°21'08" E106°58'18"	B213 W4	IVTEV	N37°45'25" E106°30'26"	W215
KABDO	N43°32'36" E086°42'58"	B215 W119	KABNO	N27°30'32" E104°34'12"	W145
KADKI	N32°57'19" E098°25'15"	L888	KADSA	N30°30'39" E094°11'53"	B213 W16
KADUG	N24°44'56" E117°59'54"	V55	KAGAK	N49°16'00" E118°06'00"	A345 G338 W538
KAGRA	N26°27'24" E107°02'26"	B330 W180	KAGSO	N40°51'53" E084°29'06"	L888
KAGUK	N17°40'11" E109°09'54"	G221 W169	KAGVO	N32°42'46" E117°15'31"	W127
KAKAT	N42°11'00" E118°15'18"	B334 W28 W31 W86	KAKIS	N30°29'00" E120°08'48"	A599 W135
KAKMI	N28°41'04" E104°17'39"	W144 W162	KAKSU	N30°28'18" E111°29'07"	W80
KALMU	N29°20'27" E111°34'47"	W141	KAMAX	N30°46'58" E101°54'10"	B213 W17
KAMDA	N33°21'57" E114°12'13"	V109 W128 W129 W638	KAMOM	N37°23'28" E117°15'17"	V30
KAMUD	N41°34'00" E078°50'00"	A468 W186	KANPI	N39°06'14" E080°04'08"	W187
KANVU	N43°23'39" E129°03'55"	G341 W39	KAPGU	N34°11'26" E119°02'42"	W529
KAPSA	N27°59'06" E113°20'26"	Used by ATC	KARPI	N38°15'00" E120°43'02"	V44 W5 W578
KARVI	N40°06'09" E094°41'33"	W187 W191	KARVU	N36°46'37" E114°43'55"	W62
KASKA	N28°41'57" E123°41'39"	B591	KATBO	N23°21'36" E105°17'30"	R471
KETOV	N45°01'46" E127°10'37"	B451 V84 V85	KEVAR	N22°37'30" E113°48'36"	W501 W509

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KEVOB	N41°23'15" E105°37'05"	W28	KEXAB	N43°33'28" E089°23'35"	W192
KIBAS	N22°08'18" E113°14'30"	R200	KIBIP	N38°53'43" E109°25'07"	W47
KIDIV	N38°37'14" E092°24'06"	W192	KIGUM	N30°13'23" E108°55'38"	B213 W240
KIKEG	N31°36'52" E117°03'03"	W50 W570	KILUD	N34°10'20" E114°48'34"	V104 W37
LADIX	N39°07'46" E116°59'32"	B339 V15 V31 W34	LADUP	N30°36'31" E103°01'00"	W9
LAGAL	N33°28'02" E118°42'20"	A593 W178 W525	LAGEX	N26°25'48" E109°01'35"	G586 W182
LAMEN	N31°36'36" E124°00'00"	A593 G327 G455	LAMIM	N25°12'16" E118°32'49"	V55
LANDA	N21°36'47" E113°02'43"	W130	LAPEN	N29°35'47" E115°38'12"	W105
LAPUG	N22°59'41" E117°22'50"	M503 R200	LAROP	N35°43'54" E120°36'56"	W172
LARUN	N44°36'29" E126°09'01"	W629	LASAN	N31°00'00" E122°25'28"	G327 W13 W114
LATOP	N22°16'54" E113°38'36"	W6	LATUX	N35°29'00" E120°47'00"	V112 W108 W172 W209 W650
LAVOM	N39°14'54" E108°50'08"	W48	LAXAG	N42°12'23" E111°18'11"	B208 W28
LAXAT	N30°35'27" E104°14'36"	B213 G212	LAXEV	N37°30'17" E101°41'08"	B215
LAXIB	N40°23'57" E111°53'49"	W64 W560	LEBAK	N36°00'00" E093°15'30"	L888
LEBIK	N31°58'59" E118°02'33"	V64 V65	LEBOM	N37°51'30" E111°30'00"	B215 V90 W104
LEBUN	N37°47'53" E115°35'20"	W56 W57	LEDEM	N39°35'19" E079°13'27"	B215
LEDIM	N30°19'00" E094°07'00"	W16	LEDOV	N36°46'30" E117°22'06"	W568
LEGAG	N44°52'15" E124°55'40"	W204 W625	LEGIV	N31°36'30" E117°34'30"	W51 W164 W165
LEKEP	N31°27'25" E083°04'15"	Used by ATC	LEKUB	N35°31'21" E114°15'00"	V33
LEKUV	N26°55'13" E116°12'37"	A599	LELIM	N22°56'21" E117°18'42"	M503
LELOG	N42°57'59" E120°29'20"	B334	LELUX	N37°26'15" E102°02'07"	B215

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LEMOT	N42°49'29" E125°11'01"	A588 W602 W603 W657 W658	LENKO	N17°24'57" E110°18'00"	A1 W171
LENPO	N34°01'57" E114°54'39"	V104 V114	LEPMI	N28°20'30" E115°16'13"	W46 W530
LESVI	N40°07'14" E080°10'17"	B215 W119	LEVBA	N27°56'56" E100°00'00"	L888
LEVGI	N37°12'51" E104°36'39"	W211	LEVTO	N28°56'58" E105°03'06"	B330
LIDLU	N20°30'00" E109°43'00"	W70	LIDMA	N26°56'00" E107°00'59"	W180 W182
LIKMI	N42°23'18" E095°45'59"	W188	LIKRI	N26°49'03" E107°01'19"	W180 W584
LIKTI	N37°57'44" E115°26'16"	W623	LILMO	N36°40'47" E123°35'31"	W209
LIMDO	N41°38'33" E080°59'36"	A468 W119	LIMGI	N34°25'48" E111°02'00"	W4 W175
LINSO	N23°22'30" E098°55'00"	A599	LIPNO	N23°46'35" E112°58'49"	W24
LOSTA	N31°37'27" E106°23'45"	W81	LOTGO	N38°32'02" E120°09'32"	W36 W575
LOVKA	N41°34'58" E123°14'02"	W599	LOVRA	N35°50'45" E109°08'23"	W47 W540
LOVTA	N21°44'53" E112°34'13"	W552	LOVTI	N37°43'05" E115°49'25"	W37 W623
LUDVU	N35°09'01" E123°24'04"	A326	LUGVU	N40°35'49" E112°43'50"	W69 W635
LULTA	N39°58'24" E117°12'51"	V9	LUMKO	N28°28'52" E113°34'55"	A461 W607
LUMKU	N42°00'09" E125°12'43"	W604	LUMLU	N28°23'54" E113°28'28"	W56 W608
LUNSU	N40°23'10" E112°28'21"	W64	LUPMI	N29°26'15" E092°59'55"	W9
LUPSA	N36°51'21" E120°28'15"	W652	LUPVI	N31°38'42" E119°08'38"	R343 W135
LUPVU	N24°02'28" E113°08'34"	W45	LURMA	N30°58'30" E120°44'55"	A599 V77
LUSMA	N37°00'00" E095°30'00"	Y1	LUVAR	N32°36'06" E099°00'00"	L888 Y2
LUVEN	N29°23'23" E104°02'00"	G212	LUVES	N38°08'46" E108°18'24"	B215
LUVKO	N37°49'03" E105°31'37"	W219	LUVMO	N44°42'49" E124°12'50"	W203

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LUXUK	N41°51'54" E124°46'08"	W604	MABAG	N24°18'48" E114°30'24"	W19 W20 W44
MABEB	N35°26'27" E119°44'39"	Used by ATC	MABOS	N31°55'59" E118°39'34"	V142 W73 W543
MADUK	N31°43'05" E118°06'16"	R343 W51 W73	MAGBI	N44°04'46" E126°02'00"	W206 W656
MAGIT	N47°41'31" E131°09'00"	R213	MAGIV	N38°34'42" E077°29'57"	B215 W176 W187
MAGLI	N31°59'00" E117°00'47"	B208 V64	MAGOD	N38°41'00" E090°42'06"	Y1
MAGOG	N22°17'18" E115°49'24"	A470	MAKIP	N39°16'15" E108°06'11"	W48
MAKLA	N28°02'07" E109°41'08"	W102	MAKNO	N38°27'48" E121°08'54"	A326 W5 W106 W173
MAKUL	N24°07'19" E100°33'21"	A599 L888	MAKVI	N32°04'04" E106°56'58"	W81
MAMSI	N25°12'17" E110°12'44"	B330 G586 R343	MANLI	N49°35'00" E117°27'00"	A345 W539
MAPMU	N37°02'41" E110°38'16"	V91	MASGU	N24°52'13" E114°38'36"	W19
MASRO	N26°37'59" E107°08'34"	W179	MATNU	N31°39'36" E122°38'00"	G455 V3 W108 W115
MAVMI	N41°42'16" E116°51'06"	B334	MAVRA	N27°58'11" E106°07'52"	W91
MEBNA	N26°10'49" E103°38'59"	W30	MEGOB	N30°33'03" E113°09'05"	W80
MEGUS	N40°15'06" E113°38'44"	W96	MEKEP	N29°28'17" E106°52'57"	W180 W238
MEMAG	N27°28'30" E106°59'14"	A581 W180	MENOD	N43°38'18" E085°50'30"	W119
MENUD	N25°00'46" E106°25'51"	V86	MEPAN	N24°06'13" E105°42'09"	A599
MEPEP	N36°09'06" E097°38'00"	Y1 Y2	MEPER	N28°46'40" E105°08'15"	B330
MEXAD	N31°46'48" E104°38'18"	B330	MEXON	N27°15'00" E113°30'25"	A461 W616
MEXOS	N35°40'00" E112°04'06"	W210	MEXUP	N34°00'37" E118°05'45"	A470 W125
MIBAG	N46°00'07" E125°26'55"	W627 W628	MIDOX	N31°19'20" E115°52'52"	R343
MIGOL	N30°45'46" E123°41'39"	A326 B591	MIGUG	N15°16'24" E114°00'00"	N892

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
MIKIP	N24°20'56" E113°25'13"	A461	MILOM	N33°42'03" E114°02'42"	W128 W594
MIMAR	N43°20'42" E091°29'06"	Used by ATC	MIMOK	N38°12'01" E107°45'00"	B215
MIPAG	N22°55'18" E113°44'30"	W21	MOLGU	N29°51'00" E119°58'00"	W507
MOLSO	N24°25'17" E113°25'20"	A461 G586	MOMGO	N29°32'38" E118°58'49"	W132
MONBO	N14°30'00" E113°25'42"	N892	MOPMA	N36°27'23" E107°02'34"	W215
MORIT	N42°02'00" E102°49'00"	B330	MOSPA	N40°38'10" E111°11'00"	W69
MOTOM	N24°41'24" E109°47'38"	W2	MOVBI	N40°45'28" E093°37'13"	W191 W621
MUBEL	N24°12'35" E111°16'14"	B330	MUBOP	N27°12'53" E101°27'32"	W162
MUDAM	N41°01'58" E117°26'40"	G212 G332 W52	MUDAP	N36°51'00" E104°05'45"	B330 W211 W212
MUDEL	N30°16'14" E103°18'06"	V69	MUDIB	N28°27'34" E115°24'07"	W530 W531
MUDOT	N38°45'13" E119°56'49"	W100	MUDPO	N38°44'26" E109°40'15"	W193
MUGLO	N39°04'13" E118°02'04"	W34 W97	MUGNU	N30°05'44" E109°12'47"	W80
MULIV	N36°41'33" E107°13'04"	W216	MULOB	N39°16'58" E107°38'21"	W220
MULOR	N44°33'19" E088°12'16"	G588 W190	MULOV	N29°36'51" E120°14'52"	G204 V73
MULRU	N38°56'21" E097°40'09"	W191 W619	MUMAN	N34°06'30" E096°30'00"	L888
MUMGO	N30°48'22" E103°01'01"	B213	MUMUN	N36°47'35" E116°00'00"	W4 W103
NIKUK	N22°07'02" E108°45'08"	R339	NIKUN	N27°59'23" E106°43'08"	W3
NIMEM	N44°06'19" E125°48'17"	W205 W655	NINAP	N30°11'55" E092°59'54"	W522
NINAS	N31°00'00" E122°15'00"	B221 G327	NIRAV	N45°52'40" E088°59'04"	B206 G588
NIRUG	N42°03'27" E117°52'46"	B334	NIRUV	N38°26'06" E106°06'48"	B215 W199 W220
NITID	N37°18'51" E111°53'51"	G212	NIVIK	N30°45'42" E119°54'39"	W135

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
NIVUV	N30°39'08" E111°28'39"	B213	NIVUX	N26°00'00" E100°00'00"	L888
NIXAL	N43°12'42" E110°53'00"	B208 G343	NIXAS	N26°09'25" E102°41'25"	G212
NIXEM	N32°56'31" E119°09'38"	A593 V49 W185 W592	NIXEP	N38°15'00" E120°59'18"	W8 W173
NIXER	N43°36'44" E086°04'56"	W119	NIXID	N28°03'09" E105°34'27"	B330 W30 W234
NIXUK	N40°12'00" E095°08'43"	B215 W621	NOBEM	N31°59'25" E118°48'31"	V14 V64 W73 W95 W135
NOBOB	N35°49'12" E121°24'32"	V112	NOBUP	N37°21'16" E117°25'00"	W4 W569
NODAL	N40°02'47" E123°10'41"	A588	NODIB	N25°47'50" E104°03'47"	W137
NODID	N37°17'52" E101°31'30"	W191	NOGEX	N37°49'45" E100°55'08"	B215
NOKAK	N38°25'00" E118°55'00"	Used by ATC	NOKET	N22°02'53" E101°15'18"	A581
NOKUD	N36°56'28" E120°16'32"	W651	NOKUL	N32°09'48" E116°51'25"	W571
NOKUV	N45°14'58" E127°06'28"	V84	NOLEP	N38°34'30" E088°42'30"	L888 W112
NOLON	N24°06'30" E113°56'47"	A599 R473 W20 W90	NOMAR	N23°30'30" E113°51'24"	W18 W19
NOMOV	N39°14'00" E114°08'20"	W45	NOMUK	N29°01'46" E110°43'30"	A581 W194
NONIM	N27°50'00" E087°26'00"	B345	NONOV	N30°41'10" E103°14'32"	W9
NONUG	N30°47'57" E102°37'59"	B213	NOPIN	N35°26'45" E113°28'17"	B208
NOPIR	N29°49'44" E091°49'20"	W522	NUBKI	N41°58'50" E124°35'54"	A588 W89
NUDKU	N38°16'07" E115°33'21"	W56 W61	NUDPO	N26°45'00" E121°04'15"	M503 W121
NUKSU	N26°41'14" E100°44'58"	W162	NUKTI	N41°51'42" E095°11'58"	B215 V67 W66
NULRA	N43°56'59" E125°53'18"	A588 W205 W206	NUMKU	N20°05'00" E110°22'53"	W222 W223
NUNDU	N38°26'51" E121°14'45"	A326 W575	NUNGA	N35°12'16" E112°34'42"	W4 W45
NUNVO	N27°14'04" E121°21'49"	M503	NUPNI	N34°11'25" E102°22'04"	Y1

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NUPTI	N26°55'03" E111°25'06"	R343 W45	NUSLA	N23°24'42" E113°30'54"	W21 W22
NUSPA	N24°03'12" E117°37'52"	W597 W598	NUTLO	N40°23'51" E111°58'47"	B208 W64
NUTVA	N41°17'34" E124°00'16"	W601 W603	NUVGA	N24°13'55" E115°26'36"	V17
NUVPU	N43°06'25" E116°11'39"	W33 W52	OBDEG	N39°12'52" E091°25'36"	W187
OBDIS	N38°05'52" E122°38'58"	A326	OBDON	N30°46'26" E114°00'51"	B213 W56
OBKEL	N25°00'00" E119°52'58"	M503	OBLAN	N21°48'20" E112°48'24"	W552
OBLAP	N31°40'48" E119°06'28"	G345 W135	OBLIK	N32°19'48" E114°31'30"	A461 W129
OBLOV	N43°44'40" E128°49'12"	W39	OBMEP	N33°49'20" E114°30'16"	B208 W56
OBMIG	N32°35'20" E104°18'29"	W179	ODISA	N35°51'52" E107°16'49"	W213 W215
ODOPI	N24°40'25" E115°24'30"	V17	ODULO	N33°15'09" E121°37'14"	B221 V2
ODURI	N43°18'47" E091°58'43"	W99	OGAVA	N26°21'47" E100°36'15"	W162
OGEDI	N43°41'42" E085°06'22"	W119	OGEDO	N40°09'43" E112°27'18"	W47
OGIPO	N38°51'06" E121°49'31"	W574 W579	OGOVI	N34°08'39" E114°35'34"	V114 W596
OKAKO	N27°11'19" E108°48'18"	W183	OKALI	N36°44'03" E118°13'00"	W103
OKATO	N27°35'06" E121°34'38"	M503 R596 W13	OKIXA	N28°00'36" E112°21'29"	W617 W618
OKTOX	N34°27'40" E114°33'54"	W56 W151	OKTUG	N30°05'19" E120°57'37"	B221 W506
OLBAS	N32°29'28" E105°23'27"	W242	OLDAB	N38°59'39" E107°56'37"	W218
OLDAX	N28°37'11" E115°42'26"	W19	OLDID	N23°00'00" E117°30'00"	R200
OLGAP	N31°04'24" E121°09'00"	A599	OLKOB	N29°44'16" E107°11'34"	W80
OLMIB	N29°52'17" E113°47'05"	W37 W83	OLMIX	N42°20'05" E091°56'57"	G470
OLPAB	N24°05'00" E114°12'50"	W44	OLPOV	N30°37'27" E111°16'05"	B213

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OLRED	N37°07'05" E116°49'09"	W4 W567	OLRIS	N31°39'01" E119°02'25"	A470 G345 R343 V143
OLROB	N38°34'57" E119°32'34"	W36	OLTIT	N39°12'48" E107°50'56"	W217
OLVAT	N28°54'13" E104°49'40"	W232	OMBAD	N43°29'42" E128°17'04"	G341
OMBEB	N27°10'46" E113°39'25"	R473 W37	OMBON	N33°21'26" E104°16'15"	B330 W179 Y1
OMDAX	N44°34'29" E087°59'27"	W190	OMDEK	N38°39'18" E116°05'27"	W37 W85
OMDIS	N38°57'06" E110°24'20"	W104	OMDUS	N41°34'30" E121°11'00"	A575 V56 V57 W599 W600
OMGEL	N40°25'21" E109°58'29"	W64 W72 W193	OMGEV	N30°50'11" E095°44'01"	B213
OMGUP	N39°13'46" E097°37'33"	B215 W619	OMKAK	N37°50'05" E111°42'59"	B215
OMKEG	N30°37'38" E104°01'24"	W236	OMKEN	N44°50'00" E086°48'00"	A368
OMLIB	N36°24'40" E123°21'57"	A326 W209	OMLIX	N34°52'27" E111°55'01"	W4
OMUDI	N33°58'14" E118°16'00"	A593 W125 W177	OMUSA	N30°43'47" E113°08'32"	B213
ONEBA	N32°48'37" E107°29'43"	G212	ONEMI	N25°45'04" E110°36'29"	R343 V88
ONINA	N46°16'17" E125°20'09"	B451 W627	ONOKU	N32°12'37" E106°10'13"	W230
ONOLO	N44°43'10" E126°10'31"	W629	OPAMU	N29°39'06" E107°33'39"	W80 W238
OPIMU	N41°14'12" E118°35'38"	G332 W201	OPORU	N28°46'02" E113°30'03"	W56
OPULI	N38°44'06" E105°05'19"	W199	OPUNI	N26°30'00" E113°51'42"	R473 V52
OPUNO	N29°30'18" E092°11'38"	W500	ORAVA	N38°42'36" E120°12'21"	W100 W201 W576
ORAXU	N41°08'02" E124°11'11"	A345 A575	OREVO	N31°40'00" E118°10'30"	W164 W546
OREXA	N29°39'20" E119°09'32"	G204 W132	ORIXA	N38°15'18" E121°19'21"	V68
ORODO	N36°22'27" E114°45'01"	W56 W62	OROTU	N31°28'13" E119°09'00"	A470 V7
ORUKA	N30°29'42" E107°01'44"	W550	OSIKA	N22°51'19" E110°33'10"	R474

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OSIKI	N33°12'41" E118°39'53"	W166 W178	OSNEV	N42°22'28" E117°42'23"	W28
OSNOV	N24°29'24" E112°44'35"	G586 W24	OSONO	N27°45'52" E115°39'17"	W19 W531
OSPAM	N29°05'08" E119°37'13"	A470 V76 W536	OSPAP	N30°52'22" E106°24'32"	B213
OSREK	N30°33'18" E114°04'10"	R343 W80	OSRUR	N41°46'15" E113°04'06"	G218 W634
OSUBA	N40°44'11" E117°02'14"	W45 W49	OSUPO	N46°15'52" E084°08'45"	A368
OSUTU	N41°48'03" E124°33'54"	W602 W604	OSVEN	N38°15'00" E120°21'10"	W201
OSVUL	N38°30'13" E114°41'33"	W631	OTABO	N44°27'15" E123°54'54"	G212
OTBIM	N27°27'36" E103°49'32"	W144	OTBUL	N38°59'47" E118°29'53"	W34 W35
OTGIN	N28°23'21" E104°53'12"	W179	OTKAB	N37°54'00" E115°51'12"	W37 W624
OTLEK	N28°11'18" E107°26'24"	V50	OTLOS	N30°35'29" E106°54'52"	V38 W180 W550
OVGOT	N22°47'01" E114°45'00"	R200	OVLEM	N36°22'12" E119°52'31"	W103
OVNEV	N29°54'34" E121°43'15"	V72 W67	OVNUG	N38°06'37" E116°41'32"	W40 W562
OVRAL	N32°45'45" E104°35'17"	B330 W242	OVTAN	N28°12'41" E114°20'52"	W46 W609 W614
OVTIB	N36°24'00" E104°44'10"	W213	OVTIX	N25°08'12" E113°50'57"	V5
OVTUP	N38°25'56" E119°58'50"	W55 W576	PABKI	N44°43'52" E126°03'34"	A588 W655 W656
PABNI	N38°23'11" E109°17'36"	W47	PADNO	N35°50'45" E113°17'36"	B208 V105 W210
PADSA	N40°56'46" E111°53'55"	W32 W561	PAGDO	N44°31'09" E126°00'46"	A588
PAMDA	N38°48'12" E119°03'42"	V1	PAMLI	N40°58'01" E081°39'50"	B215 W186
PAMLO	N28°26'09" E105°05'14"	W25 W232	PAMVU	N28°41'30" E120°43'18"	B221 V74
PANBO	N26°47'48" E115°16'00"	W19	PANKI	N37°17'45" E116°59'59"	V10 V15 W40 W158
PANRA	N36°48'58" E102°54'43"	W191 W198 W212	PARGU	N30°59'00" E096°25'17"	B213 W12

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PARTU	N37°43'13" E112°54'13"	G212 W87	PASGU	N33°40'48" E113°42'34"	W638
PATRI	N38°33'27" E121°30'42"	W8 W575	PATVU	N34°52'24" E111°02'02"	W175
PAVMO	N32°24'36" E104°19'00"	W179	PAVTU	N28°06'20" E113°33'21"	A461 W46
PEGDU	N20°53'00" E109°23'00"	W70	PEGSO	N38°56'41" E115°30'19"	B215
PEXEK	N29°20'00" E115°45'06"	W105 W532	PEXID	N28°44'16" E113°45'18"	W37
PEXUN	N30°55'44" E100°00'00"	B213 L888	PIDOX	N41°14'06" E116°37'30"	V1 V92
PIGAM	N45°01'23" E124°48'41"	W203 W626	PIGAN	N38°30'20" E114°00'06"	Used by ATC
PIKAS	N32°10'00" E120°44'00"	G330 V53 W109	PIKEM	N33°30'44" E108°51'34"	W152 W153
PIMEL	N32°24'24" E104°36'15"	B330	PIMOL	N32°14'45" E119°45'42"	A593 G330 V14 W184 W593
PIMUS	N31°48'18" E119°23'30"	G345 V11	PINAB	N30°34'45" E106°18'19"	W80
PINAP	N38°25'56" E114°44'53"	G212 W631	PINOT	N31°27'00" E122°27'00"	B221 W11 W13 W38 W115
POKOR	N42°02'36" E116°08'52"	W86	POLHO	N44°47'00" E113°15'00"	B339 G218 W33
POMOK	N31°27'00" E121°07'00"	G330 V3 V27 V70	PONAB	N30°35'16" E122°24'04"	W13
PONEN	N25°37'30" E120°24'00"	M503 W122	PONEP	N30°18'06" E109°14'50"	B213
PORAP	N19°15'00" E109°58'45"	W222	POSOT	N43°11'00" E085°58'25"	A343 B215
POVAG	N38°16'44" E122°15'04"	A326 V43 W577	POVUN	N30°13'50" E109°48'32"	W80 W239
POXIB	N27°55'01" E113°26'14"	W56 W521	POXUS	N38°33'16" E115°04'32"	G212
PUBAM	N44°28'40" E089°04'06"	W190	PUBIK	N27°27'16" E113°40'20"	W615
PUBOV	N34°53'12" E113°53'39"	V54 V105	PUBUR	N40°44'15" E078°55'12"	W176
PUDUG	N30°04'03" E106°50'51"	W80 W180	PUGIN	N29°12'47" E116°04'21"	W532
PUKAD	N27°59'06" E112°09'04"	R343 W617	PUKOL	N40°16'34" E114°05'09"	B458 W64

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PULES	N28°23'04" E115°34'49"	W19 W46	PUMUP	N44°44'37" E125°56'38"	W630
PUNIR	N24°27'42" E113°01'44"	G586 W45	PURPA	N36°56'30" E075°24'30"	B215 W112
RANBO	N38°58'49" E121°08'35"	V46	RAXEV	N37°09'50" E116°56'03"	A593 W4
REBIS	N27°19'40" E113°24'27"	V66 W56	REDEM	N38°48'22" E121°20'26"	V43 V45
REDUB	N44°44'55" E088°19'03"	G588	REMIM	N28°51'32" E120°44'24"	B221
REPOL	N37°35'32" E119°40'42"	V42 W4	REPUV	N31°01'41" E114°09'07"	W50 W56 W515
REVKU	N32°21'12" E113°38'18"	W118	REVSI	N38°37'26" E114°35'59"	B215 W631
RIBVI	N32°51'02" E118°57'48"	W166 W185	RIDMI	N35°42'27" E112°20'24"	W210
RIKMO	N20°59'20" E108°16'00"	W169	RIMDU	N43°38'56" E092°59'13"	W188
RIRKI	N27°53'08" E105°23'22"	W30 W179 W232	ROMEO	N21°51'48" E113°26'54"	W552
RULAD	N43°30'01" E080°43'59"	A343 A460	RULMU	N30°15'00" E122°23'00"	W13
RUMGU	N33°28'55" E114°44'32"	W37 W594	RUMIB	N33°33'04" E121°43'46"	W108
RUNEG	N20°30'00" E108°11'06"	V41 V51 W169	RUNEK	N27°57'43" E115°44'02"	W19
RUPID	N38°24'29" E122°24'40"	W579	RUPOX	N27°07'38" E120°11'15"	B221
RUPUD	N33°13'11" E118°22'57"	A470	RURAV	N36°33'57" E107°00'29"	W215
RURNU	N41°56'25" E112°38'46"	W28 W86 W634	RUSAT	N37°39'25" E100°40'48"	W191
RUSBO	N44°33'37" E124°07'06"	G212 W203 W204	RUSDI	N39°45'06" E092°10'48"	W192
RUSDO	N39°45'40" E115°26'51"	W45	RUSER	N40°24'36" E111°17'45"	W64
RUSES	N25°00'40" E110°25'01"	B330 G586	RUXEL	N34°06'38" E118°48'30"	W178 W529
RUXIL	N31°24'18" E112°08'24"	W45 W53	SABED	N28°19'48" E105°52'26"	W30
SABEM	N41°00'00" E117°10'00"	Used by ATC	SADAN	N40°04'36" E086°00'00"	L888 W186 W187 Y1

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
SADBU	N35°15'04" E107°31'21"	W214 W215	SADLI	N31°49'48" E125°00'00"	A593
SAGAG	N21°11'30" E101°37'24"	A581	SAGIP	N34°05'20" E118°09'49"	A593 W529
SAGNU	N30°03'00" E119°47'44"	A470 W132	SAGPI	N31°03'17" E105°25'07"	W81
SAGSU	N17°30'06" E109°09'48"	G221 W171	SAGUD	N30°51'56" E114°27'38"	R343 W50
SAKRI	N38°47'23" E114°28'12"	B458 W631	SALIV	N24°16'51" E114°03'58"	A599 R473
SALMO	N45°41'53" E085°13'15"	A368	SAMAS	N20°30'18" E110°29'42"	A202 G221 W222
SAMIV	N27°47'55" E105°36'51"	B330 W91 W179	SAMKI	N30°15'12" E121°33'30"	W58
SAMOB	N32°01'56" E106°14'29"	G212	SANES	N27°55'01" E111°35'59"	W617
SANID	N39°35'49" E108°13'26"	W220	SANIP	N24°01'35" E114°00'52"	W18
SANKO	N38°15'00" E122°27'12"	A326 A588 B332 W107 W579	SANLI	N32°00'00" E100°00'00"	L888
SANUK	N31°22'19" E107°23'31"	W30 W180 W242	SAPIN	N31°33'55" E119°04'00"	A470 V143 W95
SAPUT	N23°54'22" E117°02'02"	V36	SAREV	N45°46'27" E127°15'09"	V83
SAREX	N22°52'54" E113°29'00"	W6 W7	SARIN	N46°51'54" E082°53'18"	A368
SARPO	N26°45'57" E104°36'48"	W136	SARUD	N38°49'53" E120°09'48"	V47
SARUG	N23°14'47" E108°42'25"	R343	SARUL	N48°30'54" E115°47'12"	G338
SASAN	N31°35'22" E120°19'10"	R343 W161 W167	SAVNO	N17°29'31" E109°17'25"	W170 W171
SAVPA	N37°30'37" E111°40'03"	W43	SEBGU	N28°21'10" E107°17'32"	V50
SEBLI	N37°04'35" E122°19'30"	W4	SEGPI	N32°32'00" E117°16'00"	V39 W127 W571
SELGO	N40°28'41" E113°05'11"	W65 W96	SIERA	N21°59'06" E113°33'12"	R473
SIKOU	N20°50'36" E111°30'00"	A202 R339	SIMLI	N50°17'24" E127°22'06"	A588
SOSLI	N30°26'51" E107°03'02"	W4 W550	SOSMA	N33°43'05" E121°38'52"	W108 W113

名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route	名称代码 Name-code Designator	坐标 Coordinates	涉及的航路 ATS route or other route
SOTMU	N39°47'58" E116°51'16"	B339 G212 W98	SUBKU	N33°11'50" E118°56'25"	A593
SUBUL	N32°19'39" E106°42'37"	G212 W230	SUDPI	N29°57'51" E108°43'13"	W80
SUGDO	N38°09'57" E113°21'44"	B215	SUKTO	N34°11'05" E113°48'52"	W128
SULAS	N22°54'58" E114°13'16"	V17	SULEM	N27°26'20" E122°25'19"	R596
SULEP	N30°32'37" E107°00'25"	W30 W550	SULTI	N46°18'19" E126°36'47"	V81
SUMDO	N22°54'02" E115°52'54"	R200	SUMIB	N23°55'28" E112°55'53"	W24
SUMUN	N26°47'12" E106°46'49"	W3 W179	SUNBO	N31°47'27" E118°05'15"	W163
SUNPU	N38°47'55" E090°20'31"	W112 Y1	SUNUV	N36°31'46" E104°06'45"	B330 W197 W213
SUPAR	N30°01'23" E120°51'29"	B221 V73 W67 W505	SUPEV	N34°13'05" E114°22'50"	W596
SUPUM	N29°05'32" E105°10'53"	W234	SURAK	N31°46'24" E123°29'30"	A326 G455
SUROS	N41°03'49" E112°15'49"	G218 W558	SUSMU	N29°10'00" E121°04'00"	V74
TAMIX	N35°36'43" E113°23'52"	B208 W4	TAMOT	N22°21'30" E113°52'00"	B330 W18 W68
TAMOX	N42°52'55" E091°12'27"	G470	TAMUS	N30°42'04" E106°58'03"	W180
TANIB	N38°22'54" E121°05'13"	W173 W575	TAPEN	N31°12'25" E119°31'37"	W135
TAPUN	N30°00'12" E093°04'30"	W500 W510 W526	TAXOR	N27°49'41" E107°46'23"	A581
TEBAK	N22°10'30" E106°40'30"	R474	TEBIB	N35°21'09" E107°53'54"	W541
TEBON	N24°08'17" E117°30'04"	A470 V36 W155	TEBUS	N47°25'06" E090°27'42"	G588
TEKAM	N37°35'10" E120°45'17"	V68 W4 W172 W652	TEKIL	N38°36'32" E115°13'25"	G212 W62 W85
TELOK	N49°38'00" E117°22'00"	A345	TEMAD	N38°28'24" E118°24'19"	W35 W55
TEMOL	N35°27'03" E094°12'11"	L888	TEPAG	N31°28'26" E120°24'57"	V16
TEPID	N23°32'06" E113°23'06"	W22 W24 W90	TEPOD	N47°48'07" E122°46'10"	B451

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TEPOT	N30°01'45" E108°58'01"	W80 W239	TEPUT	N38°00'56" E084°51'46"	W112
TESAN	N39°04'10" E109°45'12"	W193	TESIG	N31°11'48" E119°23'18"	A470
TIKME	N30°32'24" E112°53'37"	W80 W208	TODAM	N39°29'31" E112°12'03"	B208 V91 W559 W560
TODOD	N39°37'51" E096°37'22"	B215 W112	TOGEP	N46°01'20" E127°06'15"	V82
TOGOG	N33°22'34" E109°47'19"	V97 V99 V111	TOGUG	N29°12'00" E122°32'00"	W13
TOLAK	N23°05'28" E117°30'00"	M503	TOMUD	N21°51'27" E112°32'50"	R200 V21
TOMUK	N38°43'00" E124°00'00"	B332	TONAX	N37°45'30" E090°11'18"	L888
TONIL	N39°54'00" E117°23'18"	V9 V10	TONIX	N31°19'56" E123°32'38"	A326 G327
TONOV	N38°11'20" E114°06'24"	G212	TOREG	N31°21'30" E106°03'48"	W81
TOREL	N40°37'27" E111°53'25"	W69 W84	TOSAP	N39°57'24" E095°04'48"	W191 W620
TOSAS	N31°19'00" E121°31'30"	G455	TOSEM	N24°28'00" E099°15'51"	W632 W633
TOSID	N40°34'55" E123°33'59"	A588 V60 W602 W603	TOSIM	N30°19'26" E109°20'18"	B213 V38
TULMU	N29°47'28" E115°33'05"	V108 W105	TULRA	N32°38'56" E114°23'40"	W56
TUMLO	N37°13'00" E116°47'39"	W157 W160	TUPGA	N29°21'32" E119°08'35"	A599 W135
TUSLA	N40°20'53" E113°04'49"	W64 W65	TUSLI	N39°05'00" E092°18'00"	W112 W187 W192
TUTGO	N39°10'14" E107°25'59"	W218 W220	TUTKI	N31°59'09" E117°23'39"	V64 V78
TUTNA	N36°45'38" E110°34'25"	G212	TUVKI	N26°40'45" E102°55'04"	G212
TX401	N41°43'34" E122°07'56"	V56	TX402	N41°42'35" E122°07'44"	W599
TX403	N41°35'56" E122°06'25"	W600	TX404	N41°33'38" E122°05'58"	V57
TX405	N41°35'49" E123°15'19"	V56	TX408	N41°26'13" E123°10'39"	V57
TX409	N40°46'44" E123°38'11"	W603	TX410	N40°54'35" E123°54'22"	V58 W602

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TX411	N41°25'52" E124°06'17"	W603	TX412	N41°22'27" E124°14'29"	W602
TX413	N42°00'14" E124°32'19"	W603	TX414	N41°56'54" E124°40'40"	W602
TX415	N42°41'17" E125°00'37"	V62 W603	TX416	N42°38'04" E125°09'08"	W602
TX510	N41°22'54" E123°55'20"	W601	TX557	N42°01'59" E124°05'02"	V61 V62
TX560	N42°08'03" E124°48'19"	V61 W602	TX562	N41°29'47" E124°09'07"	W603
TX603	N41°47'37" E123°43'00"	V62	TX611	N42°14'11" E124°22'06"	V62
TX654	N41°25'18" E123°35'53"	W601	TX661	N40°53'14" E123°42'49"	V59 W603
UBDID	N26°46'53" E107°36'48"	W182	UBDIX	N27°22'07" E120°21'29"	B221
UBDOB	N23°21'42" E114°37'30"	V17 V18	UBDUN	N35°35'14" E112°46'38"	W45
UBKER	N31°02'53" E104°40'02"	B330 G212	UBKOX	N30°39'45" E111°40'34"	B213 W53
UBLIM	N22°53'15" E113°40'12"	W18	UBMOG	N27°13'55" E113°42'28"	W615
UBRAB	N30°50'35" E105°25'11"	B213 W235	UBRAG	N40°23'59" E111°52'18"	W64 W84
UBSEV	N40°37'16" E112°02'29"	W69 W559	UBTAG	N30°33'33" E114°01'37"	A461 W80
UDETI	N38°41'30" E122°09'36"	A588 W106 W202 W579	UDETU	N27°14'27" E104°41'17"	W30
UDIGU	N37°15'33" E111°45'48"	G212	UDINO	N34°49'21" E117°48'12"	A593
UDOLA	N30°36'06" E119°54'16"	A470	UDOXI	N31°52'37" E121°47'06"	V2
UDOXO	N27°58'58" E105°10'16"	W179	UDUMI	N30°32'51" E114°08'50"	W37 W80 W516
UDUTI	N21°51'00" E111°56'00"	V19 V20 V21	UGABI	N44°07'36" E128°33'00"	B451 W39
UGAGO	N29°37'39" E119°39'02"	A470 G204 W507 W537	UGASA	N38°34'19" E119°57'58"	W36
UGILO	N30°28'14" E102°37'53"	W9	UGOMO	N35°41'35" E121°20'54"	W209
UGOPO	N30°06'22" E106°48'25"	W30 W80	UGOTU	N37°07'02" E110°40'30"	W43

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UGOVA	N29°14'38" E092°12'02"	W9	UGPEL	N44°33'07" E087°17'13"	A368
UGPOR	N39°09'27" E110°56'54"	W47	UGRUP	N43°36'52" E123°11'54"	A345 G341
UGSUT	N33°45'24" E109°34'36"	V97 W152	UGUGU	N26°35'01" E108°22'10"	V50 W182 W183 W585
UGVES	N27°14'34" E103°09'57"	G212	UKBAD	N43°00'45" E113°11'26"	A575 G218
UKBET	N40°22'57" E112°24'50"	W64 W635	UKDAB	N27°26'32" E100°00'00"	L888
UKDIN	N45°03'14" E126°51'55"	V85	UKDUM	N41°29'51" E118°26'40"	A575 G212 W33 W49 W201
UKEGO	N28°00'00" E105°30'49"	W30	UKLUK	N27°39'14" E113°24'50"	W56 W616
UKMIS	N38°07'05" E115°25'51"	W562 W624	UNRIX	N28°46'00" E106°55'00"	V50 W180
UNROD	N38°34'09" E114°52'23"	Used by ATC	UNSEK	N38°36'46" E120°14'08"	A326 V46 W55 W201
UNSUUV	N30°42'19" E106°35'28"	B213	UNTAN	N32°12'14" E120°17'04"	G330 G345 V70
UNTEL	N33°42'13" E114°45'50"	W37 W596	UNTEN	N42°15'46" E115°40'11"	B339 W28
UPDAD	N37°35'20" E119°37'49"	V89 W4	UPGED	N25°08'18" E100°15'21"	L888 W162
UPGUR	N30°29'01" E111°42'26"	W80 W156	UPKED	N45°03'27" E126°00'03"	W629
UPKEK	N31°32'05" E119°14'29"	V7 V16 W135	UPKOT	N43°12'55" E090°10'16"	W192
UPKUN	N39°05'20" E107°39'45"	W217 W218	UPKUS	N28°03'39" E106°57'23"	W180
UPLEL	N31°39'15" E118°59'19"	R343 W95	UPMAT	N29°56'42" E113°35'44"	W56 W82
UPNAT	N41°56'35" E119°25'29"	W31	UPNEM	N36°31'02" E115°18'21"	W4
UPNIM	N30°22'15" E106°57'07"	B213	UPNUX	N43°33'32" E127°47'41"	G341
UPREK	N42°14'10" E115°15'46"	A575 W28	UPRIS	N19°15'00" E109°46'09"	G221
UPSAT	N39°09'00" E118°56'30"	V1 V9	UPSUR	N40°35'26" E112°48'09"	W69 W96
UPVOM	N29°35'57" E119°41'14"	W135 W537	UPVOP	N36°25'50" E102°51'26"	W111

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URBAD	N36°07'00" E120°28'50"	W172	URBEB	N35°53'57" E107°06'28"	W213
URBIL	N35°47'13" E112°52'52"	W45 W210	URDIN	N18°03'41" E108°10'59"	W169
URDOG	N40°36'41" E112°27'27"	W69 W558	URDUR	N37°41'57" E115°49'15"	W37
URGAV	N24°33'02" E100°25'48"	L888 W632	URGEG	N30°35'56" E106°17'03"	V38 W80 W231
URGIN	N33°39'05" E112°29'16"	W45	URGIX	N26°49'05" E104°52'27"	W136
URGOM	N42°07'15" E117°15'27"	W52 W54 W86	URKED	N38°11'00" E115°11'42"	W623
URKIB	N35°43'24" E107°03'44"	W93	UVUNO	N23°01'45" E107°38'31"	R339
UXALO	N31°41'04" E117°00'30"	R343 W570	UXODI	N40°36'38" E112°29'25"	W69
VABKU	N29°53'17" E108°26'01"	W80	VABRA	N38°58'44" E121°21'42"	V43 V44
VADKA	N39°04'06" E114°23'58"	B458	VADMO	N36°16'49" E114°44'27"	W4 W56
VAGBI	N38°20'26" E113°49'25"	B215 W45	VAGNU	N41°30'24" E117°15'26"	W49 W54
VAKVU	N26°30'49" E113°26'20"	W56	VALNI	N40°25'17" E110°12'43"	W64 W101
VALVA	N41°54'17" E117°17'43"	W33 W52	VANPI	N27°49'00" E113°25'42"	W56 W616
VANVO	N42°37'38" E114°12'20"	A575	VAPGU	N38°46'23" E119°49'44"	W34 W100
VAPNA	N22°41'42" E109°07'19"	R474	VARDU	N32°49'19" E112°31'02"	W45
VARMI	N44°20'03" E087°41'05"	A368 W190	VASRO	N42°27'50" E129°44'25"	R224
VAVSA	N30°15'17" E121°19'09"	W502	VAVSO	N24°45'37" E114°58'05"	G471
VEBNI	N31°27'00" E121°45'02"	V8 V27	VEDLU	N38°42'12" E108°43'16"	W218
VEDPO	N28°22'46" E104°18'39"	W144	VEGDA	N32°17'12" E118°42'34"	V142 W95
VEGDO	N18°11'27" E109°17'03"	W170	VELPU	N30°49'19" E106°27'51"	B213 W550
VEMEX	N31°47'42" E118°18'04"	W73 W163 W545	VEMOT	N38°07'34" E114°49'15"	V79

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VENBA	N36°21'30" E109°38'41"	G212	VENOS	N38°54'10" E122°19'36"	A588 W573
VEPGI	N36°22'48" E120°29'44"	W172	VERMI	N42°06'09" E113°29'46"	W28
VERUX	N37°30'07" E114°46'00"	B458	VESED	N44°31'40" E088°30'34"	W190
VESUX	N25°45'49" E113°03'42"	V66 W45	VETEX	N45°34'45" E126°36'50"	V83 V84
VETIB	N24°09'36" E116°26'09"	W155 W563	VETIP	N33°54'03" E115°00'22"	V104 V113
VEVED	N35°09'08" E120°41'35"	B221	VEXAN	N31°21'28" E114°19'54"	W56
VEXEB	N39°11'37" E110°09'40"	W47 W104	VEXEX	N29°58'23" E121°02'45"	G204 W67
VIBOS	N22°37'28" E113°19'40"	R473	VIBUB	N29°44'14" E112°19'22"	A581 V107
VIDEL	N38°21'42" E118°45'22"	W55	VIDUT	N37°44'48" E083°22'02"	W112
VIDUX	N39°00'51" E120°52'34"	V47	VIGAN	N26°35'55" E107°02'00"	W180
VIGEK	N40°02'54" E114°08'38"	B458 W47 W96	VIGIS	N27°10'25" E111°35'13"	R343
VIKEB	N28°07'36" E113°42'37"	V66 W37 W46	VIKOK	N37°38'32" E122°19'22"	Used by ATC
VIKOL	N44°30'00" E091°15'00"	Used by ATC	VIKON	N39°31'59" E108°19'57"	W72 W217
VIKUP	N39°33'49" E096°06'13"	W112 W191	VILID	N31°33'27" E117°17'23"	V65 W164
VILIX	N41°16'52" E124°10'26"	A345 A575 W602	VIMAM	N30°51'54" E104°41'16"	B330 W233 W235
VINEX	N30°36'27" E106°41'48"	B213 V38	VINIG	N33°36'52" E114°29'06"	W56 W639
VIPAP	N22°45'41" E114°31'56"	R200	VIPIB	N30°09'32" E101°31'44"	W9 W17
VIRIK	N36°08'23" E107°10'13"	W215	XEBUL	N24°17'00" E114°51'00"	G471 V18
XELOV	N19°15'42" E108°10'48"	W169	XEREN	N22°25'35" E107°15'19"	R474
XINUL	N27°29'53" E113°24'58"	W616	XIREM	N31°44'42" E120°57'31"	G330 W591
XISLI	N25°58'29" E103°53'57"	A581 W136	XIVID	N36°34'30" E120°28'50"	W174

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XIXAN	N36°16'46" E104°07'29"	B330 W111 W214 W565	XODAS	N34°54'47" E108°10'39"	W154
XOGAB	N35°20'27" E106°57'51"	W214	XOGAX	N31°48'44" E118°41'10"	W543
XOLAL	N29°29'34" E106°52'53"	W168 W180	XOLON	N24°32'19" E108°04'29"	W181
XOPEK	N28°25'48" E111°34'35"	W45 W138	XUTGU	N32°27'50" E119°34'32"	A593 W582
XUVGI	N27°31'09" E116°55'16"	A599	ZUDUX	N26°20'44" E106°10'07"	V86

ENR 4.4 航路航行地面灯光

**ENR 4.4 AERONAUTICAL GROUND LIGHTS—
EN-ROUTE**

待定

(to be developed)