

NAVIGATION AIDS - Spain

Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Albacete	ABT	321.0	H M W	N38 56.6 W001 59.9	W001	2301
Albacete	TAB	108.0	T L	N38 56.7 W001 51.8	W001	2362
Albacete	VAB	115.8	V D H W	N38 56.6 W002 00.2	W001	2264
Alboran	ALB	519.0	H W	N35 56.3 W003 02.1	W003	
Alcantarilla (Murcia)	ATR	345.0	H M W	N37 57.0 W001 13.8	W002	250
Alcantarilla (Murcia)	TRL	116.6	T H	N37 57.0 W001 13.8	W002	268
Alcobendas	ACD	417.0	H L W	N40 35.1 W003 40.6	W002	2000
Alicante	AI	330.0	H M W	N38 17.8 W000 39.6	W001	142
Alicante	ALT	113.8	V D H W	N38 16.1 W000 34.2	W001	197
Alicante	ATE	114.65	V D L W	N38 17.2 W000 35.2	W001	197
Almagro (Ciudad Real)	EAL	332.0	H M W	N38 57.2 W003 45.3	W002	2040
Almeria	AM	284.0	H L W	N36 52.6 W002 14.4	W002	70
Almeria	AMN	310.0	H H W	N36 50.9 W002 22.8	W002	70
Almeria	AMR	114.1	V D H W	N36 50.0 W002 15.6	W002	196
Andraitx	ADX	384.0	H M W	N39 33.0 E002 23.8	E000	300
Arbancon	ARN	291.0	H W	N40 57.8 W003 07.3	W002	3100
Asturias	AST	325.0	H H W	N43 33.5 W006 01.7	W003	416
Asturias	VES	112.4	V D H W	N43 33.4 W006 00.4	W003	394
Badajoz	TBC	108.8	T L	N38 53.5 W006 49.1	W003	607
Badajoz	VBZ	116.8	V D H W	N38 53.4 W006 48.9	W003	591
Bagur	BGR	112.2	V D H W	N41 56.9 E003 12.5	W000	1083
Bailen	BAI	418.0	H W	N38 09.1 W003 37.8	W002	1172
Bailen	BLN	116.2	V D H W	N38 09.2 W003 37.5	W002	1772
Barahona	BAN	112.8	V D H W	N41 19.4 W002 37.8	W002	3740
Barajas	BRA	116.45	V D H W	N40 28.1 W003 33.5	W002	1969
Barajas (Madrid)	MA	390.0	H L W	N40 24.0 W003 29.4	W002	2000
Barcelona	BCN	116.7	V D U W	N41 18.4 E002 06.5	W000	22
Barcial Del Barco	BRB	292.0	H M W	N41 55.9 W005 40.0	W003	2400
Bardenas Reales	TBR	108.6	T L	N42 11.8 W001 28.5	W001	974
Bilbao	BLV	115.9	V D H W	N43 18.3 W002 56.2	W002	98
Burgos	BGS	357.0	H M W	N42 21.5 W003 38.1	W002	2963
Burgos	BUR	111.4	V D H W	N42 21.3 W003 36.8	W002	2953
Caceres	CAC	380.0	H W	N39 31.7 W006 25.7	W003	1350
Caceres	CCS	114.2	V D H W	N39 31.5 W006 26.1	W003	1378
Calamocha	CMA	116.0	V D H W	N40 52.0 W001 17.9	W001	3150
Calella	CLE	115.35	V D L W	N41 38.4 E002 38.1	E000	1378
Calles (Valencia)	CLS	117.55	V D H W	N39 42.4 W000 59.2	W001	1870
Capdepera	CDP	112.9	V D U W	N39 41.9 E003 26.1	E000	787
Castejon	CJN	115.6	V D H W	N40 22.3 W002 32.7	W001	3501
Castejon	CTE	362.0	H W	N40 23.0 W002 31.4	W001	2900
Ciudad Real	ADQ	114.3	V D L W	N38 51.2 W003 58.2	W002	2165
Colmenar Viejo	CNR	117.3	V D H W	N40 38.8 W003 44.2	W002	2690
Colmenar Viejo	ECV	319.0	H M W	N40 42.0 W003 45.8	W002	3000
Cordoba	CDB	112.4	V D H W	N37 50.8 W004 50.7	W002	295
Cordoba	COR	366.0	H L W	N37 50.6 W004 50.8	W002	297
Costix (Palma De Mallorca)	CST	351.0	H W	N39 38.5 E002 54.9	E000	
Cuatro Vientos (Madrid)	CVT	285.0	H M W	N40 22.1 W003 46.4	W002	2269
Domingo	DGO	112.6	V D U W	N42 27.2 W002 52.8	W002	2126
El Copero (Seville)	EEC	327.0	H M W	N37 18.7 W006 00.1	W007	
El Prat	PRA	114.3	V D U W	N41 17.0 E002 04.9	W000	44
Gerona (Girona)	GIR	114.1	V D L W	N41 55.9 E002 46.3	E000	591
Gerona (Girona)	GRN	412.0	H M W	N42 01.5 E002 48.4	E000	469
Getafe (Madrid)	GE	421.0	H W	N40 12.0 W003 50.7	W002	2200
Getafe (Madrid)	L	335.0	H M W	N40 16.8 W003 44.5	W002	2100
Getafe (Madrid)	VGE	112.05	V T H A	N40 17.4 W003 43.6	W002	2067
Granada	GDA	113.4	V D H W	N37 11.0 W003 59.5	W002	2000
Granada	GR	285.0	H L W	N37 11.3 W003 50.5	W002	1842
Granada	GRA	412.0	H L W	N37 11.4 W003 40.7	W002	1860
Hinojosa Del Duque	HIJ	114.7	V D H W	N38 30.5 W005 06.0	W002	1841
Huesca	HUE	114.55	V D H	N42 04.4 W000 19.1	W001	1772
Ibiza	IBA	117.8	V D L W	N38 52.1 E001 22.0	W000	42
Ibiza	IZA	394.0	H M W	N38 54.9 E001 28.2	W000	23
Ilerda	LLE	113.6	V D H W	N41 43.8 E000 31.6	W001	1159
Jerez	JER	433.0	H W	N36 50.1 W006 01.0	W003	93
Jerez	JRZ	113.0	V D H W	N36 48.9 W006 01.6	W003	295
La Coruna	C	410.0	H M W	N43 19.4 W008 21.6	W004	264
La Coruna	COA	401.0	H W	N43 21.9 W008 19.7	W004	264
La Coruna	LRA	115.1	V D H W	N43 23.8 W008 18.4	W004	394
Leon	EON	112.0	V D H W	N42 35.6 W005 38.8	W003	3051
Leon	LEN	330.0	H W	N42 35.2 W005 38.9	W003	3006
Lerida	LRD	404.0	H W	N41 33.2 E000 38.9	W001	650
Logrono	EAG	399.0	H M W	N42 27.1 W002 18.9	W002	1140

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Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Logrono	LPA	115.45	V D U W	N42 27.6 W002 19.6	W002	1181
Maella	MLA	112.1	V D H W	N41 07.8 E000 09.9	W001	1181
Malaga	GM	350.0	H L W	N36 43.6 W004 34.3	W002	52
Malaga	MGA	112.0	V D L W	N36 48.9 W004 22.2	W002	3445
Malaga	MLG	113.55	V D L W	N36 40.7 W004 30.4	W002	98
Malaga	RMA	330.0	H W	N36 39.5 W004 28.6	W002	52
Martin	MAR	112.6	V D H W	N37 03.3 W004 56.4	W002	2264
Menorca	MHN	112.6	V D U W	N39 51.8 E004 13.0	E000	295
Menorca	MN	344.0	H H W	N39 50.2 E004 12.8	E000	298
Moron (Seville)	MNF	428.0	H W	N37 17.7 W005 33.7	W002	285
Moron (Seville)	MRN	115.5	V D H W	N37 10.5 W005 37.1	W002	295
Murcia	VSJ	113.0	V D U W	N37 46.8 W000 48.8	W001	16
Navas Del Rey	NVS	114.95	V D U W	N40 22.1 W004 15.0	W002	2572
Palma De Mallorca	JOA	117.7	V D L W	N39 33.9 E002 44.8	E000	1
Palma De Mallorca	MJV	113.3	V D L W	N39 26.1 E002 45.5	E000	492
Pamplona	NO	386.0	H M W	N42 45.0 W001 37.9	W001	1576
Pamplona	PAM	422.0	H W	N42 42.9 W001 38.3	W003	1614
Pamplona	PAP	113.55	V D U W	N42 41.3 W001 39.6	W001	1870
Pamplona	PP	354.0	H M W	N42 52.0 W001 43.0	W001	1576
Pamplona	PPN	112.3	V D H W	N42 44.0 W001 42.1	W001	3445
Perales	PDT	116.95	V D L W	N40 15.2 W003 20.9	W002	2559
Pollensa	POS	116.4	V D L W	N39 55.6 E003 06.9	E000	1181
Porto Colom	PTC	401.0	H L W	N39 25.6 E003 15.4	E000	50
Reus	RES	114.2	V D H W	N41 09.0 E001 10.3	W000	295
Reus	RUS	424.0	H L W	N41 08.9 E001 08.8	W000	230
Robledillo	RBO	113.95	V D H W	N40 51.2 W003 14.8	W002	3150
Rota	AOG	108.6	T H	N36 38.9 W006 20.9	W003	98
S.S.Reyes	SSY	117.85	V D L W	N40 32.8 W003 34.5	W002	1969
Sabadell	SBD	367.0	H W	N41 31.2 E002 06.2	W001	485
Sabadell	SLL	112.0	V D H W	N41 31.2 E002 06.6	W000	492
Sagunto (Valencia)	SGO	356.0	H L W	N39 40.5 W000 12.5	W001	225
Salamanca	BBI	112.2	V D U W	N41 01.0 W005 27.4	W003	2953
Salamanca	MTN	399.0	H W	N40 59.3 W005 19.8	W003	2595
Salamanca	SCA	423.0	H W	N40 55.6 W005 37.0	W003	2595
Salamanca	TSC	113.3	T L	N40 57.3 W005 30.1	W003	2657
San Javier (Murcia)	VSJ	113.0	T L	N37 46.8 W000 48.8	W001	11
San Sebastian	HIG	113.2	D T	N43 23.2 W001 47.7		394
San Sebastian	HIG	328.0	H M W	N43 23.2 W001 47.8	W002	394
San Sebastian	SSN	117.9	V D H W	N43 18.7 W001 49.8	W002	787
Santander	SA	416.0	H M W	N43 26.1 W003 51.0	W003	16
Santander	SNR	115.3	V D H W	N43 27.0 W003 54.1	W003	197
Santiago	SNO	417.0	H W	N42 54.5 W008 25.7	W003	1170
Santiago	SO	390.0	H L W	N42 58.1 W008 26.4	W003	1170
Santiago	STG	116.4	V D H W	N42 55.6 W008 25.5	W003	1280
Seo De Urgel	SEO	340.0	H M W	N42 13.9 E001 24.2	W000	4100
Seville	SPP	420.0	H M W	N37 25.1 W005 47.7	W003	112
Seville	SVL	113.7	V D H W	N37 25.7 W005 45.7	W003	394
Somosierra	SIE	115.4	V D H W	N41 09.1 W003 36.3	W002	5659
Son San Juan/Palma De Mallorca	SSJ	108.4	T L	N39 33.6 E002 44.0	E000	49
Tabanera	NEA	116.75	V D H W	N42 01.7 W004 06.5	W002	3000
Toledo	TEO	385.0	H W	N39 58.4 W004 20.8	W002	1900
Toledo	TLD	113.2	V D U W	N39 58.2 W004 20.2	W002	1969
Torralba De Aragon	TON	335.0	H W	N41 55.7 W000 30.8	W001	1300
Torrejon (Madrid)	TJA	426.0	H W	N40 34.1 W003 21.4	W002	2026
Torrejon (Madrid)	TJZ	112.5	T L	N40 29.9 W003 26.7	W002	2011
Torrejon (Madrid)	VJZ	115.1	V D H W	N40 33.8 W003 21.6	W002	2388
Valencia	PND	340.0	H W	N39 26.2 W000 20.8	W001	10
Valencia	VLC	116.1	V D H W	N39 29.1 W000 29.0	W001	197
Valladolid	TVD	108.2	T L	N41 42.2 W004 51.0	W002	2838
Valladolid	VL	393.0	H L W	N41 43.5 W004 49.6	W002	2776
Valladolid	VLD	342.0	H W	N41 47.4 W004 44.3	W002	2776
Vejer	VJF	117.8	V D H W	N36 14.4 W005 58.5	W002	689
Vigo	VGO	113.6	V D H W	N42 19.3 W008 36.1	W004	886
Vigo	VI	345.0	H L W	N42 19.1 W008 36.2	W004	855
Vigo	VON	433.0	H M W	N42 11.2 W008 38.3	W004	855
Villafranca	VLA	113.15	V D L W	N41 20.6 E001 32.9	W000	2165
Villanubla (Valladolid)	NUB	113.65	V L W	N41 42.3 W004 51.1	W002	2795
Villatobas	VTB	112.7	V D U W	N39 46.8 W003 27.8	W002	2362
Vitigudino	VGD	365.0	H W	N41 00.1 W006 26.7	W003	2600
Vitoria	VFD	112.9	V D H	N42 52.8 W002 43.5	W002	1673
Vitoria	VRA	116.6	V D H W	N42 43.9 W002 51.9	W002	1870

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Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Vitoria	VT	308.0	H L W	N42 48.1 W002 48.2	W002	1682
Vitoria	VTA	345.0	H L W	N42 55.7 W002 40.8	W002	1682
Yeste	YES	115.2	V D H W	N38 21.6 W002 21.2	W001	4724
Zamora	ZMR	117.1	V D H W	N41 31.8 W005 38.4	W003	2067
Zamora	ZMR	300.0	H W	N41 31.7 W005 39.1	W003	2100
Zaragoza	ZAR	113.0	V D L W	N41 39.5 W001 01.9	W002	886
Zaragoza	ZRZ	389.0	H M W	N41 43.8 W001 11.6	W002	863
Zaragoza	ZZA	348.0	H L W	N41 35.9 W000 52.7	W002	863
A Coruna	LCO	109.9	LOC	RWY 22	W004	
Albacete	IABT	110.7	LOC	RWY 09	W001	
			OM	N38 56.6 W001 59.9		
	IAE	109.7	LOC	RWY 27	W001	
			OM	N38 57.1 W001 44.3		
Alicante	IAT	110.3	LOC	RWY 10	W001	
Almeria	IAM	109.9	LOC	RWY 26	W002	
			OM	N36 52.6 W002 14.4		
Asturias	AV	387.0	LO	N43 32.3 W005 55.8	W003	
	AVS	110.1	LOC	RWY 29	W003	
Badajoz (Talavera La Real)	ITL	110.5	LOC	RWY 31	W003	
Barcelona	BLT	108.75	LOC	RWY 02	W000	
	QAA	110.3	LOC	RWY 07L	W000	
	BLE	110.75	LOC	RWY 07R	W000	
	BCA	109.5	LOC	RWY 25R	W000	
Bilbao	IBO	111.55	LOC	RWY 12	W002	
	IBL	110.3	LOC	RWY 30	W002	
Cadiz (Rota)	IAOG	108.7	LOC	RWY 10	W003	
Ciudad Real (Central)	ICR	111.1	LOC	RWY 10	W002	
Girona	IGN	109.9	LOC	RWY 20	E000	
Granada (Federico Garcia Lorca)	GRD	109.3	LOC	RWY 09	W002	
Ibiza	IBI	111.1	LOC	RWY 06	W000	
	IBZ	109.5	LOC	RWY 24	W000	
Jerez	IJR	108.9	LOC	RWY 20	W003	
Leon	ILE	109.5	LOC	RWY 23	W003	
Lleida (Alguaire)	ILL	110.9	LOC	RWY 31	W001	
Madrid (Barajas)	IML	111.5	LOC	RWY 18L	W002	
	IMR	110.7	LOC	RWY 18R	W002	
	MAA	109.9	LOC	RWY 33L	W002	
	MBB	109.1	LOC	RWY 33R	W002	
Madrid (Getafe AB)	IGE	110.9	LOC	RWY 05	W002	
			OM	N40 12.0 W003 50.7		
Madrid (Torrejon)	ITJA	109.5	LOC	RWY 23	W002	
Malaga	GMM	109.5	LOC	RWY 13	W002	
	GAA	109.9	LOC	RWY 31	W002	
Menorca	IMH	110.3	LOC	RWY 01L	E000	
	MAO	111.5	LOC	RWY 19R	W000	
Murcia (San Javier)	LCZ	381.0	LOM	N37 40.6 W000 56.4	W001	
	ISJ	110.5	LOC	RWY 05	W001	
Palma De Mallorca	PLM	110.9	LOC	RWY 06L	E000	
	IPAL	109.3	LOC	RWY 24L	E000	
	PA	307.5	LO	N39 36.0 E002 49.3	E000	
	PAA	109.9	LOC	RWY 24R	E000	
Pamplona	IPN	109.7	LOC	RWY 15	W001	
Reus	IRS	110.1	LOC	RWY 25	W000	
Salamanca (Matacan)	AL	359.0	LOM	N41 01.9 W005 26.8	W003	
	IALR	110.1	LOC	RWY 21	W003	
Santander	STA	110.9	LOC	RWY 29	W003	
Santiago	IGO	110.3	LOC	RWY 17	W003	
	ISO	111.5	LOC	RWY 35	W003	
Seville (Moron AB)	IMRF	109.7	LOC	RWY 20	W002	
Seville (San Pablo)	ISE	111.1	LOC	RWY 09	W003	
	ISV	110.1	LOC	RWY 27	W003	
Valencia (Manises)	VLN	111.5	LOC	RWY 12	W001	
	IVC	110.1	LOC	RWY 30	W001	
Valladolid (Villanubla)	IVD	109.3	LOC	RWY 23	W002	
			OM	N41 47.4 W004 44.4		
Vigo	VIG	110.9	LOC	RWY 20	W004	
Vitoria (Foronda)	VTO	108.9	LOC	RWY 04	W002	
Zaragoza	IZZA	109.5	LOC	RWY 30R	W002	

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Anuradhapura	AN	415.0	H W	N08 18.2 E080 25.7	W002	325
Batticaloa	BAT	320.0	H W	N07 42.2 E081 40.7	W002	10
Jaffna (Kankasanturai)	KK	236.0	H W	N09 47.3 E080 04.2	W002	33
Katunayake	KAT	112.7	V D H W	N07 09.7 E079 52.1	W003	33
Trincomalee	CHB	500.0	H W	N08 32.0 E081 11.0	W002	7
Vavuniya	VNA	400.0	H W	N08 44.4 E080 29.8	W002	299

Katunayake (Bandaranaike Intl Colombo)	IKW	109.9	LOC	RWY 04	W003	
	IKA	110.3	LOC	RWY 22	W003	

