

NAVIGATION AIDS - Germany

Name	Ident	Freq.	Class		INS Coordinates		VAR/Stn Decl	Elev.
Allgau (Memmingen)	ALG	341.0	H	L W	N47 59.8	E010 15.7	E001	2078
Allgau (Memmingen/Allgau)	ALD	117.2		D L	N47 59.3	E010 13.9		2078
Alster	ALF	115.8		D U	N53 38.1	E009 59.6		66
Altenburg	ABU	330.0	H	M W	N50 59.6	E012 31.3	E002	595
Altenburg	AGD	115.3		D T	N50 59.0	E012 30.7		624
Ansbach	ANS	452.0	H	M W	N49 18.6	E010 38.0	E001	1526
Augsburg	AGB	318.0	H	M W	N48 25.5	E010 56.0	E002	1515
Augsburg	AUG	115.9		D U	N48 25.5	E010 56.0		1542
Barmen	BAM	113.6	V	T H	N51 19.7	E007 10.6	E001	879
Bayreuth	BAY	110.6	V	D H W	N49 59.1	E011 38.2	E002	1620
Bottrop	BOT	406.5	H		N51 35.1	E007 01.4	E001	425
Braunschweig(Braunschweig-Wolf)	BRU	427.0	H	M W	N52 19.3	E010 36.4	E001	295
Bremen	BMN	117.45	V	D T A	N53 02.8	E008 45.6	E001	40
Bremen	BND	113.65		D L	N53 02.6	E008 46.9		10
Bremen	HIG	318.0	H	L W	N53 03.0	E008 54.5	E001	14
Brunkendorf	BKD	117.7	V	D U W	N53 02.1	E011 32.8	E001	92
Buchel	BUE	117.1		T T	N50 10.7	E007 04.2	E001	1618
Buckeburg	BYC	368.0	H	M W	N52 17.5	E009 05.5	E001	292
Calden (Kassel)	KSL	108.9		D T	N51 27.9	E009 27.4		886
Calden (Kassel)	KSL	349.0	H		N51 27.9	E009 27.4	E001	908
Celle	CEL	311.0	H	M W	N52 35.4	E010 01.8	E002	178
Charlie	CHA	115.5	V	H W	N49 55.3	E009 02.4	E001	530
Cochstedt	CB	344.0	H	L W	N51 51.6	E011 27.0	E002	570
Cochstedt	COD	113.35		D T	N51 51.2	E011 25.4		589
Cola	COL	108.8	V	T H W	N50 47.0	E007 35.7	W000	990
Coleman (Mannheim)	HDM	109.0	V		N49 33.9	E008 27.8	E001	327
Coleman (Mannheim)	HDM	334.0	H	M W	N49 32.1	E008 23.4	E001	320
Cologne-Bonn	KBO	112.15	V	D T A	N50 51.7	E007 08.7	W000	311
Cottbus-Drewitz	CDD	113.7		D L	N51 53.3	E014 32.0		292
Cottbus-Drewitz	DRW	355.0	H	M W	N51 53.8	E014 33.8	E002	271
Diepholz	DP	325.0	H	M W	N52 35.5	E008 27.2	E001	191
Dinkelsbühl	DKB	117.8	V	T H W	N49 08.6	E010 14.3	E002	1790
Dortmund-Wickede	DWI	357.0	H		N51 31.6	E007 38.1	E001	424
Dresden	DRN	114.35	V	D H W	N51 00.9	E013 35.9	E002	1086
Dusseldorf	DUS	115.15	V	D U A	N51 17.0	E006 45.2	W000	
Dusseldorf	DY	284.5	H	L W	N51 14.1	E006 39.3	W000	
Dusseldorf	LI	417.0	H	L W	N51 20.8	E006 53.5	E000	147
Egelsbach	EH	386.0	H		N49 57.6	E008 38.6	E001	385
Eggenfelden	EGG	393.0	H	M W	N48 23.8	E012 45.0	E002	1329
Eggenfelden	END	115.4		D U	N48 23.7	E012 43.5		1378
Elbe	LBE	115.1	V	D U W	N53 39.3	E009 35.7	E002	50
Emden	EMD	345.0	H	H	N53 23.6	E007 14.5	W000	
Emden	ENW	115.25		D L	N53 23.3	E007 13.7		50
Erding	ERD	134.4		M L	N48 19.5	E011 57.2	E002	1545
Erfurt	EFD	112.05		D L	N50 59.0	E010 57.5		1076
Erfurt	ERF	113.85	V	D L W	N50 57.1	E011 14.2	E002	1325
Erfurt	ERT	425.0	H	M W	N50 59.0	E010 55.4	E002	1036
Erlangen	ERL	114.9	V	D H W	N49 39.3	E011 09.0	E002	1841
Fassberg	FSB	284.0	H		N52 54.9	E010 11.3	E002	329
Flensburg	FLB	380.0	H	M W	N54 45.0	E009 29.6	W001	
Frankfurt	FFM	114.2	V	T H W	N50 03.2	E008 38.2	E001	491
Frankfurt	FR	297.0	H	L W	N50 03.9	E008 41.0	E001	364
Frankfurt	FW	382.0	H	M W	N50 00.3	E008 25.8	E001	364
Fred	FRD	115.9		D T	N50 01.8	E008 34.0		441
Friedland	FLD	117.15	V	D U W	N53 45.8	E013 33.8	E002	43
Friedrichshafen	FHD	112.6		D T	N47 40.0	E009 30.5		1400
Fritzlar	FTZ	468.0	H	M W	N51 05.1	E009 24.9	E001	1096
Fulda	FUL	112.1	V	D H W	N50 35.5	E009 34.3	E001	1138
Furstenwalde	FWE	113.3	V	D H W	N52 24.7	E014 07.8	E003	238
Gedern	GED	110.8	V	T H W	N50 24.7	E009 14.9	E001	1601
Geilenkirchen	GIX	108.1		T H	N50 57.8	E006 02.7	E000	327
Germinghausen	GMH	115.4	V	D H	N51 10.2	E007 53.5	W000	1821
Gotem	GOT	115.25	V	D U W	N51 20.6	E011 35.9	E002	721
Grafenwohr	GRF	111.8		T H	N49 41.5	E011 56.3	E002	1385
Grafenwohr	GRW	405.0	H	M W	N49 41.7	E011 56.5	E002	1542
Hahn	HAN	376.0	H		N49 57.9	E007 16.9	E001	1649
Hahn	HND	116.95		D T	N49 56.7	E007 16.1		1655
Hamburg	FU	350.0	H	L W	N53 36.9	E009 57.4	E002	53
Hamburg	GT	323.0	H	M W	N53 42.9	E009 55.5	E002	
Hamburg	HAM	113.1	V	T H A	N53 41.1	E010 12.3	E002	187
Hamburg	HOS	339.0	H		N53 40.6	E010 05.0	E002	53
Hamm	HMM	115.65	V	D H A	N51 51.4	E007 42.5	E001	237

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Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Hannover	HA	320.0	H M W	N52 27.8 E009 48.3	E001	183
Hannover	HAD	113.95	D U	N52 28.1 E009 41.7		184
Hannover	HBD	116.9	D L	N52 27.3 E009 39.6		171
Hannover	HW	358.0	H M W	N52 28.1 E009 32.8	E001	183
Hehlingen	HLZ	117.3	V D H W	N52 21.8 E010 47.7	E001	413
Heidelberg	HDL	417.0	H M W	N49 23.2 E008 35.8	E001	345
Heringsdorf	HC	330.0	H W	N53 52.4 E014 10.9	E003	
Hermisdorf	HDO	115.0	V D H W	N50 55.7 E014 22.1	E002	1439
Hof	HOD	110.7	D U	N50 17.4 E011 51.3		1946
Hof	HOF	484.0	H M W	N50 17.1 E011 45.7	E001	1960
Hohenfels	HFX	286.0	H M W	N49 13.1 E011 51.6	E001	1579
Hohn	HN	344.0	H M W	N54 19.6 E009 40.2	E001	105
Hohn	HNT	115.3	T L	N54 18.6 E009 32.3	E001	78
Holzdorf	HOZ	117.25	T H	N51 46.0 E013 11.9	E002	308
Holzdorf	HOZ	406.0	H L W	N51 46.2 E013 05.9	E002	316
Illesheim	ILM	488.0	H M W	N49 28.3 E010 23.3	E001	1112
Ingolstadt	IGL	111.4	T L	N48 43.1 E011 34.2	E002	1237
Ingolstadt	IGL	345.0	H M W	N48 44.3 E011 38.7	E002	1308
Karlsruhe	KRH	115.95	V D H W	N48 59.6 E008 35.1	E001	908
Karlsruhe/Baden-Baden	KBA	431.0	H M W	N48 47.9 E008 05.9	E001	408
Karlsruhe/Baden-Baden	KBD	115.8	D L	N48 46.8 E008 05.3		495
Kempten	KPT	109.6	V D H W	N47 44.7 E010 21.0	E001	2529
Kiel (Holtenau)	KHD	109.5	D U	N54 22.7 E010 08.7		119
Kiel-Holtenau	KIL	353.0	H M W	N54 22.7 E010 07.2	E001	
Klasdorf	KLF	115.15	V D H W	N52 01.2 E013 33.8	E003	233
Konig	KNG	355.0	H W	N49 45.7 E009 05.5	W001	
Laage	LAG	108.25	T H	N53 55.2 E012 17.2	E002	190
Lahr	LHR	337.0	H W	N48 20.9 E007 48.7	E000	511
Lahr	LRD	108.05	D U	N48 21.8 E007 49.7		556
Landsberg	LAB	112.15	T L	N48 03.9 E010 52.8	E002	2102
Landsberg	LQ	448.0	H M W	N48 05.7 E011 01.1	E002	2062
Laupheim	LUP	407.0	H L W	N48 13.1 E009 54.7	E002	1846
Lechfeld	LCH	108.8	T L	N48 11.4 E010 51.5	E002	1836
Leine	DLE	115.2	V D H W	N52 15.0 E009 53.0	E001	398
Leipzig	LEG	115.85	V D U W	N51 26.2 E012 28.4	E002	486
Leipzig	ZIG	340.0	H M W	N51 26.0 E012 16.8	E002	465
Lima	LMA	311.0	H L W	N51 22.3 E006 23.7	E000	
Lowenberg	LWB	114.55	V D H W	N52 54.6 E013 08.1	E003	234
Lubars	DLS	413.5	H W	N52 36.8 E013 21.8	E002	
Lubeck	LUB	110.6	V H W	N53 56.4 E010 40.1	E001	264
Lubeck	LUD	115.65	D U	N53 48.4 E010 43.1		70
Lubeck	LYE	394.0	H M W	N53 48.0 E010 41.8	E001	53
Luburg	LBU	109.2	V D L W	N48 54.8 E009 20.4	E001	1064
Magdeburg	MAG	110.45	V D L W	N51 59.7 E011 47.7	E001	209
Maisach	MAH	115.2	V D H	N48 15.8 E011 18.7	E002	1760
Mannheim	MND	113.55	D T	N49 28.2 E008 31.0		351
Metro	MTR	110.0	V H W	N50 16.6 E008 50.9	E001	666
Michaelsdorf	MIC	112.2	V H W	N54 18.3 E011 00.3	E001	119
Mike	MIQ	426.0	H M W	N48 34.2 E011 35.9	E002	
Milldorf	MDF	117.0	V D H W	N48 14.1 E012 20.2	E002	1526
Monchengladbach	MGB	377.0	H M W	N51 13.6 E006 30.3	E000	125
Monchengladbach	MHD	112.5	D L	N51 14.1 E006 29.5		159
Monchengladbach	MHV	109.8	V L A	N51 14.2 E006 29.4	E000	125
Munich	DMN	116.0	D U	N48 22.0 E011 47.6		1463
Munich	DMS	115.0	D T	N48 20.4 E011 46.7		1495
Munich	MUN	112.3	V D H A	N48 10.8 E011 49.0	E002	1802
Munster (Munster-Osnabruck)	MOD	114.05	D T	N52 08.3 E007 41.2		207
Munster-Osnabruck	MYN	371.0	H O M W	N52 09.6 E007 48.0	E001	220
Nattenheim	NTM	115.3	V T H W	N50 01.0 E006 31.9	E000	1388
Neckar	NKR	292.0	H W	N49 20.2 E008 44.0	E001	500
Neubrandenburg	NEG	108.05	T L	N53 36.3 E013 18.5	E002	270
Neubrandenburg	NRG	357.0	H M W	N53 36.2 E013 20.3	E002	264
Neuburg	NEU	108.9	T L	N48 42.8 E011 12.7	E002	1296
Niederrhein	LAA	352.0	H M	N51 36.1 E006 10.4	W000	105
Niederrhein	NID	115.5	D L	N51 36.0 E006 08.5		152
Niederstetten	NSN	311.0	H M W	N49 23.7 E009 57.9	E002	1598
Nienburg	NIE	116.5	V U W	N52 37.6 E009 22.3	E001	189
Nordholz	NDO	117.1	T L	N53 46.1 E008 39.2	E001	120
Nordholz	NDO	372.0	H M W	N53 47.1 E008 48.4	E001	72
Norvenich	NOR	116.2	V T H	N50 50.4 E006 41.6	E000	367
Nurnberg	NGD	113.1	D T	N49 30.1 E011 04.8		1090
Nurnberg	NUB	115.75	V D H W	N49 30.2 E011 02.1	E002	1036

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Name	Ident	Freq.	Class	INS Coordinates	VAR/Stn Decl	Elev.
Oberpfaffenhofen	OBI	429.0	H M W	N48 04.8 E011 17.1	E002	1947
Osnabruck	OSB	108.35	T H	N52 12.0 E008 17.1	E001	417
Osnabruck	OSN	114.3	V H W	N52 12.0 E008 17.1	E001	400
Paderborn-Lippstadt	PAD	108.5	D T	N51 37.4 E008 38.4		673
Paderborn-Lippstadt	PAD	354.0	H M W	N51 37.4 E008 38.4	E001	673
Ramstein	RMS	113.4	T H	N49 26.1 E007 35.1	E000	762
Rheine-Bentlage	BET	401.5	H M W	N52 17.3 E007 23.1	E001	219
Rheine-Bentlage	HOP	109.0	T L	N52 17.3 E007 23.2	E001	213
Ried	RID	112.2	V D U W	N49 46.9 E008 32.5	E001	328
Roding	RDG	114.7	V D H W	N49 02.4 E012 31.6	E002	2276
Rothenbach	RTB	415.0	H W	N49 29.0 E011 15.2	E002	
Rothenburg/Ol	RO	432.0	H	N51 20.6 E014 57.1	E001	517
Saarbrucken	SAD	116.75	D U	N49 12.7 E007 07.0		1088
Saarbrucken	SBN	343.0	H W	N49 13.1 E007 07.1	W000	1057
Schkeuditz (Leipzig-Halle)	SKZ	357.0	H L W	N51 24.9 E012 16.3	E002	470
Schkeuditz North(Leipzig-Halle)	LND	113.5	D T	N51 26.1 E012 13.5		415
Schkeuditz South(Leipzig-Halle)	LLD	112.15	D T	N51 24.9 E012 13.8		486
Schleswig	SWG	111.8	T H	N54 27.2 E009 30.1	E001	105
Schonefeld	SDD	114.4	D L	N52 22.5 E013 30.2		173
Schonefeld (Berlin)	MW	309.0	H M W	N52 20.7 E013 23.2	E003	157
Schonefeld (Berlin)	SL	299.0	H M W	N52 24.0 E013 37.3	E003	157
Schwabisch Hall	SHD	108.05	D T	N49 07.0 E009 46.7		1389
Schwerin-Parchim	PAH	315.0	H W	N53 23.7 E011 40.0	E001	
Schwerin-Parchim	PI	333.0	H M W	N53 27.7 E011 54.4	E001	
Schwerin-Parchim	PMD	117.5	D L	N53 25.5 E011 47.1		179
Siegerland	SIL	489.0	H M W	N50 40.8 E008 08.3	E000	1966
Siegerland	SLD	108.05	D U	N50 42.4 E008 04.7		2019
Spangdahlem	SPA	109.5	T U	N49 58.7 E006 41.9	E000	1161
Spessart	PSA	370.0	H W	N49 51.7 E009 20.9	W000	
Speyer	SPM	350.0	H M W	N49 18.2 E008 27.3	E001	
Stuttgart	STG	116.85	V D L W	N48 41.8 E009 15.4	E001	1217
Sulz	SUL	116.1	V U W	N48 22.9 E008 38.7	W000	1770
Tango	TGO	112.5	V T H A	N48 37.1 E009 15.6	E001	1261
Taunus	TAU	116.7	V T L W	N50 15.0 E008 09.8	E001	1343
Tegel (Berlin)	TGL	112.3	V D U A	N52 33.7 E013 17.3	E002	118
Tegel East (Berlin)	GL	321.0	H W	N52 34.3 E013 25.6	E002	122
Tegel West (Berlin)	RW	392.0	H H W	N52 32.7 E013 09.1	E002	
Trent	TRT	108.45	V D L A	N54 30.7 E013 15.0	E002	41
Walda	WLD	112.8	V D U W	N48 34.8 E011 07.8	E002	1396
Warburg	WRB	113.7	V D U W	N51 30.3 E009 06.7	E000	843
Wax	DND	115.4	D L	N51 07.8 E013 45.5		778
Weser	WSR	112.9	V H W	N53 20.9 E008 52.5	E001	74
Westerland/Sylt	SLT	387.0	H O M W	N54 51.4 E008 24.6	E000	51
Westerland/Sylt	WES	111.5	D U	N54 54.6 E008 20.4		49
Wickede (Dortmund)	DOR	108.65	V D H W	N51 31.5 E007 37.9	E001	373
Wiesbaden	WBD	399.0	H M W	N50 02.9 E008 19.7	E001	490
Wiesbaden	WIB	114.1	T H	N50 02.8 E008 18.7	E001	472
Wipper	WYP	109.6	V H W	N51 02.9 E007 16.8	W000	902
Wittmundhafen	WTM	113.5	T H	N53 33.3 E007 43.5	E001	61
Wunstorf	WUN	114.85	T H	N52 27.3 E009 25.8	E001	202
Wunstorf	WUN	419.0	H M W	N52 27.6 E009 27.3	E001	203
Wurzburg	WUR	110.2	V U W	N49 43.1 E009 56.8	E002	1052
Zweibrucken	ZWN	114.8	V D U W	N49 13.7 E007 25.1	W000	1178
Augsburg	AUG	108.5	LOC	RWY 25	E002	
Berlin (Schonefeld)	ISSE	110.7	LOC	RWY 07	E003	
			OM	N52 20.7 E013 23.2		
	ISSW	109.9	LOC	RWY 25	E003	
			OM	N52 24.0 E013 37.3		
Berlin (Tegel)	ITLE	109.1	LOC	RWY 08L	E002	
			OM	N52 32.7 E013 09.1		
	ITGE	108.5	LOC	RWY 08R	E002	
			OM	N52 32.7 E013 09.1		
	ITGW	109.3	LOC	RWY 26L	E002	
			OM	N52 34.3 E013 25.6		
	ITLW	110.1	LOC	RWY 26R	E002	
			OM	N52 34.3 E013 25.6		
Braunschweig-Wolfsburg	BWG	108.5	LOC	RWY 26	E001	
			OM	N52 19.8 E010 40.3		
Bremen	BW	276.5	LO	N53 02.7 E008 40.2	E001	
	IBRE	110.3	LOC	RWY 09	E001	
	IBRW	110.9	LOC	RWY 27	E001	

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Buckeburg	IBBW	111.55	LOC	RWY 26		E001	
			OM	N52 17.7	E009 11.8		
Cologne-Bonn	IKES	110.9	LOC	RWY 14L		E000	
	LJ	365.0	LOM	N50 55.6	E007 03.7	W000	
	LW	300.5	LOM	N50 53.9	E007 15.2	W000	
	IKOW	109.1	LOC	RWY 24		E000	
	IKEN	109.7	LOC	RWY 32R		E000	
	LV	327.0	LOM	N50 48.3	E007 14.4	W000	
Diepholz	IDIW	108.35	LOC	RWY 26		E001	
			OM	N52 35.5	E008 27.2		
Dortmund	IDWE	109.15	LOC	RWY 06		E001	
			OM	N51 29.0	E007 30.6		
	IDWW	110.3	LOC	RWY 24		E001	
			OM	N51 33.3	E007 43.0		
Dresden	IDRE	110.5	LOC	RWY 04		E002	
	FS	374.0	LO	N51 11.6	E013 51.0	E002	
	IDRW	109.7	LOC	RWY 22		E002	
Dusseldorf	IDNE	109.5	LOC	RWY 05L		E000	
			OM	N51 14.5	E006 40.1		
	IDSE	111.5	LOC	RWY 05R		E000	
			OM	N51 14.5	E006 40.1		
	IDSW	109.9	LOC	RWY 23L		E000	
			OM	N51 20.8	E006 53.5		
	IDNW	109.3	LOC	RWY 23R		E000	
Erfurt	IERE	108.3	LOC	RWY 10		E002	
	IERW	109.9	LOC	RWY 28		E002	
Frankfurt-Hahn	IHAE	109.3	LOC	RWY 03		E001	
			OM	N49 53.1	E007 12.0		
	IHAW	111.3	LOC	RWY 21		E001	
			OM	N50 00.8	E007 19.6		
Frankfurt/Main	IFNE	110.55	LOC	RWY 07L		E001	
	IFSE	110.95	LOC	RWY 07R		E001	
	IFSW	111.15	LOC	RWY 25L		E001	
	IFNW	111.55	LOC	RWY 25R		E001	
Friedrichshafen	IFHE	111.9	LOC	RWY 06		E002	
	IFHW	111.9	LOC	RWY 24		E002	
			OM	N47 42.4	E009 36.1		
Geilenkirchen	IGEW	110.1	LOC	RWY 27		E000	
Hamburg (Finkenwerder)	IHFE	110.7	LOC	RWY 05		E001	
			OM	N53 29.4	E009 44.5		
	IHFW	108.5	LOC	RWY 23		E001	
Hamburg	IHHE	110.5	LOC	RWY 05		E002	
	IHHS	111.35	LOC	RWY 15		E002	
	IHHW	111.5	LOC	RWY 23		E002	
	IHHN	109.9	LOC	RWY 33		E002	
Hannover	IHNE	108.3	LOC	RWY 09L		E001	
	IHSE	108.7	LOC	RWY 09R		E001	
	IHSW	109.5	LOC	RWY 27L		E001	
	IHNW	108.9	LOC	RWY 27R		E001	
Heringsdorf	IHEW	111.3	LOC	RWY 28		E003	
Hof-Plauen	IHOE	110.7	LOC	RWY 09		E001	
	IHOW	110.7	LOC	RWY 27		E001	
			OM	N50 17.6	E011 57.7		
Hohn	IHNW	108.9	LOC	RWY 26		E001	
			OM	N54 19.6	E009 40.2		
Holzdorf	IHDW	111.7	LOC	RWY 27		E002	
Ingolstadt (Manching)	IIGW	108.1	LOC	RWY 25L		E002	
			OM	N48 44.3	E011 38.7		
Karlsruhe/Baden-Baden	IKBE	109.95	LOC	RWY 03		E001	
	IKBW	108.75	LOC	RWY 21		E001	
Kassel (Calden)	KSL	108.1	LOC	RWY 22		E001	
Kiel (Holtenau)	IKHE	109.5	LOC	RWY 08		E001	
			OM	N54 22.3	E010 01.9		
	IKHW	109.5	LOC	RWY 26		E001	
			OM	N54 23.3	E010 15.5		
Laage (Rostock-Laage)	ILAE	108.55	LOC	RWY 10		E002	
			OM	N53 55.7	E012 09.6		
	ILAW	108.3	LOC	RWY 28		E002	
			OM	N53 54.4	E012 24.7		
Lahr	ILRW	109.7	LOC	RWY 21		E000	
Landsberg	ILQW	111.7	LOC	RWY 25		E002	
			OM	N48 05.7	E011 01.1		
Leipzig-Altenburg	IALW	108.7	LOC	RWY 22		E002	
			OM	N51 02.4	E012 34.8		
Leipzig-Halle	ILNE	108.55	LOC	RWY 08L		E002	
	ILSR	111.75	LOC	RWY 08R		E002	

NAVIGATION AIDS - Germany

Name	Ident	Freq.	Class	INS Coordinates		VAR/Stn Decl	Elev.
Lubeck (Blankensee)	ILSL	110.3	LOC	RWY 26L		E002	
	ILNW	108.35	LOC	RWY 26R		E002	
	ILUE	111.7	LOC	RWY 07		E001	
	ILUW	111.7	LOC	RWY 25		E001	
Magdeburg/Cochstedt			OM	N53 49.6	E010 49.9		
	ICOW	108.75	LOC	RWY 26		E002	
Mannheim (Mannheim City)	IMAW	108.55	LOC	RWY 27		E001	
Memmingen	IAMW	110.1	LOC	RWY 24		E001	
Monchengladbach	IMGE	108.95	LOC	RWY 13		E000	
	IMGW	110.55	LOC	RWY 31		E000	
Munich	MNE	369.0	LO	N48 21.3	E011 40.6	E002	
	MNW	338.0	LO	N48 22.5	E011 54.8	E002	
	MSE	358.0	LO	N48 20.0	E011 39.2	E002	
	MSW	400.0	LO	N48 21.1	E011 54.2	E002	
	IMNE	109.5	LOC	RWY 08L		E002	
	IMSE	109.3	LOC	RWY 08R		E002	
Munster/Osnabruck	IMSW	108.3	LOC	RWY 26L		E002	
	IMNW	108.7	LOC	RWY 26R		E002	
	IMOE	111.9	LOC	RWY 07		E001	
			OM	N52 06.6	E007 34.3		
	IMOW	110.1	LOC	RWY 25		E001	
Neubrandenburg			OM	N52 09.6	E007 48.0		
	INEW	108.75	LOC	RWY 27		E002	
Niederrhein			OM	N53 36.3	E013 26.0		
	INIW	110.7	LOC	RWY 27		W000	
Niederstetten			OM	N51 36.0	E006 16.0		
	INSW	108.9	LOC	RWY 25		E002	
Nordholz			OM	N49 24.7	E010 03.8		
	INOW	111.75	LOC	RWY 26		E001	
Nurnberg			OM	N53 47.1	E008 48.4		
	INUE	111.3	LOC	RWY 10		E002	
Oberpfaffenhofen	INUW	109.1	LOC	RWY 28		E002	
	OBI	110.5	LOC	RWY 22		E002	
Paderborn/Lippstadt	IPLE	111.7	LOC	RWY 06		E001	
			OM	N51 34.4	E008 30.7		
Ramstein (Ramstein AB)	IPLW	108.55	LOC	RWY 24		E001	
			OM	N51 39.1	E008 42.4		
Saarbrucken	IRER	108.95	LOC	RWY 08		E000	
	IREL	111.5	LOC	RWY 09		E000	
	IRWL	110.5	LOC	RWY 26		E000	
	IRWR	110.75	LOC	RWY 27		E000	
Schwabisch Hall	SR	360.0	LOM	N49 13.1	E007 13.2	W000	
	DSB	108.7	LOC	RWY 27		W000	
Schwerin-Parchim	ISWH	111.5	LOC	RWY 28		E002	
	IPAW	108.7	LOC	RWY 24		E001	
Siegerland			OM	N53 27.7	E011 54.4		
	ISIW	108.9	LOC	RWY 31		E000	
Spangdahlem (Spangdahlem AB)	ISPE	109.15	LOC	RWY 05		E000	
	ISPA	108.1	LOC	RWY 23		E000	
Stuttgart	ISTE	110.9	LOC	RWY 07		E001	
	ISTW	109.9	LOC	RWY 25		E001	
Sylt	IWES	111.5	LOC	RWY 32		E000	
			OM	N54 51.4	E008 24.6		
Wiesbaden (Wiesbaden AAF)	ITOU	108.5	LOC	RWY 25		E001	
	Zweibrucken	IZWE	108.35	LOC	RWY 03		W000
			OM	N49 08.9	E007 20.8		
IZWW		109.35	LOC	RWY 21		W000	
		OM	N49 16.5	E007 27.6			