

ZSPD

Shanghai Pudong Intl

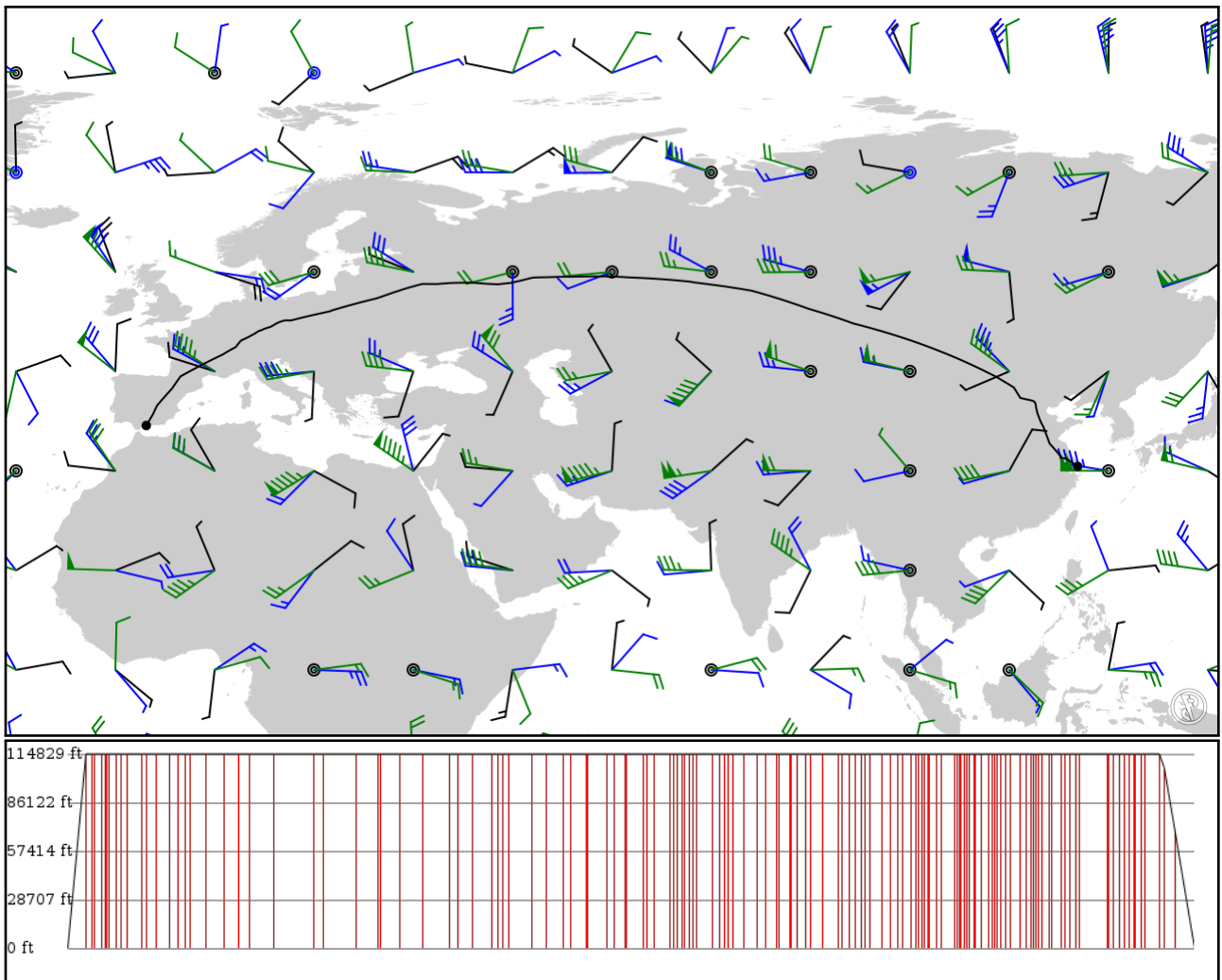
LEMG

Málaga-Costa del Sol

2024/05/07 0249Z

ZSPD UNTAN G330 PIMOL A593 DALIM W157 BIVOR W60 JB JR CD W63 TZH B458 TMR ASURI G343 NIXAL Y683
NIGOR A489 KUDEB P983 IDERI A489 ABESA R480 BENAK A487 BABUK B236 LUKAS G710 INGEN W114 OK R487
RP R480 CW R489 MF MF7T LAPUR FE5T AR FE2T BG R805 TU G723 RATIN N869 VTB VTB N869 OKX P96 GUDON
UP96 HDO OMELO MAREM GAVLI KONAR N869 OKG T945 NEPEG RODOG AMOSA UN869 GUPIN TEDGO UN869 VEROX
N869 MILPA UN869 REPSI T41 LERGA UN869 OLRAK UQ169 TBO OBUTO UN869 NASOS UL27 BLN LEMG

5875.16 nm / 10880.80 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ZSPD APT	-	31.14150 121.81300	0 ft 0 m	-	Shanghai Pudong Intl
UNTAN FIX	-	32.20330 120.28500	35,000 ft 10,668 m	100	-
PIMOL FIX	G330 AWY-HI	32.24670 119.76200	35,000 ft 10,668 m	26	-
XUTGU FIX	A593 AWY-HI	32.46330 119.57500	35,000 ft 10,668 m	16	-
NIXEM FIX	A593 AWY-HI	32.94170 119.16000	35,000 ft 10,668 m	35	-
SUBKU FIX	A593 AWY-HI	33.19670 118.94000	35,000 ft 10,668 m	18	-
ATVAD FIX	A593 AWY-HI	33.29670 118.85500	35,000 ft 10,668 m	7	-
LAGAL FIX	A593 AWY-HI	33.46670 118.70500	35,000 ft 10,668 m	12	-
OMUDI FIX	A593 AWY-HI	33.97060 118.26700	35,000 ft 10,668 m	37	-
DPX VOR	A593 AWY-HI	34.27830 117.99800	35,000 ft 10,668 m	22	PIXIAN
UDINO FIX	A593 AWY-HI	34.82330 117.80300	35,000 ft 10,668 m	34	-
ABTUB FIX	A593 AWY-HI	36.00000 117.36800	35,000 ft 10,668 m	73	-
DALIM FIX	A593 AWY-HI	36.41830 117.21300	35,000 ft 10,668 m	26	-
TUMLO FIX	W157 AWY-HI	37.21670 116.79500	35,000 ft 10,668 m	51	-
BIVOR FIX	W157 AWY-HI	38.33330 116.36700	35,000 ft 10,668 m	70	-
JB NDB	W60 AWY-HI	39.04330 116.19800	35,000 ft 10,668 m	43	ZANGANGZHEN
JR NDB	-	39.72000 116.09500	35,000 ft 10,668 m	40	LIANGXIANG
CD NDB	-	40.01330 115.80500	35,000 ft 10,668 m	22	QINGBAIKOU
TZH VOR	W63 AWY-HI	40.40830 114.05200	35,000 ft 10,668 m	83	TIANZHEN
TMR VOR	B458 AWY-HI	41.84330 113.15300	35,000 ft 10,668 m	95	TUMURTAI
ASURI FIX	-	42.60330 111.90000	35,000 ft 10,668 m	72	-
NIXAL FIX	G343 AWY-HI	43.21170 110.88300	35,000 ft 10,668 m	57	-
DIROT FIX	Y683 AWY-HI	44.41690 108.47100	35,000 ft 10,668 m	127	-
MIDAS FIX	Y683 AWY-HI	46.25560 104.34900	35,000 ft 10,668 m	206	-
FOSAT FIX	Y683 AWY-HI	46.69750 103.25400	35,000 ft 10,668 m	52	-
TEMEN FIX	Y683 AWY-HI	48.06500 99.58940	35,000 ft 10,668 m	170	-
PIKOM	Y683	48.92060	35,000 ft	115	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	96.98810	10,668 m		
SAGIM	Y683	49.01420	35,000 ft	12	-
FIX	AWY-HI	96.69190	10,668 m		
MINOG	Y683	49.69860	35,000 ft	99	-
FIX	AWY-HI	94.38330	10,668 m		
NIGOR	Y683	50.49000	35,000 ft	123	-
FIX	AWY-HI	91.43000	10,668 m		
SOPTI	A489	51.57220	35,000 ft	134	-
FIX	AWY-HI	88.30440	10,668 m		
TELRU	A489	51.90390	35,000 ft	43	-
FIX	AWY-HI	87.26440	10,668 m		
KUDEB	A489	52.46720	35,000 ft	77	-
FIX	AWY-HI	85.38280	10,668 m		
AMRAD	P983	53.30060	35,000 ft	99	-
FIX	AWY-HI	82.99940	10,668 m		
IDERI	P983	53.59890	35,000 ft	36	-
FIX	AWY-HI	82.10080	10,668 m		
RALEG	A489	53.78890	35,000 ft	23	-
FIX	AWY-HI	81.51080	10,668 m		
LUMER	A489	54.02220	35,000 ft	29	-
FIX	AWY-HI	80.76420	10,668 m		
ABESA	A489	54.92720	35,000 ft	122	-
FIX	AWY-HI	77.62750	10,668 m		
LIDKI	R480	55.28440	35,000 ft	76	-
FIX	AWY-HI	75.49280	10,668 m		
BENAK	R480	55.63420	35,000 ft	83	-
FIX	AWY-HI	73.10580	10,668 m		
LOGMA	A487	55.78690	35,000 ft	40	-
FIX	AWY-HI	71.92890	10,668 m		
BABUK	A487	56.08360	35,000 ft	80	-
FIX	AWY-HI	69.59890	10,668 m		
LUKAS	B236	56.14140	35,000 ft	6	-
FIX	AWY-HI	69.42690	10,668 m		
OGTON	G710	56.41140	35,000 ft	98	-
FIX	AWY-HI	66.51940	10,668 m		
LIBMI	G710	56.50000	35,000 ft	38	-
FIX	AWY-HI	65.35670	10,668 m		
OKPAR	G710	56.61170	35,000 ft	57	-
FIX	AWY-HI	63.62640	10,668 m		
RURAK	G710	56.62810	35,000 ft	9	-
FIX	AWY-HI	63.33810	10,668 m		
EKB	G710	56.74320	35,000 ft	84	KOLTSOVO (YEKATERINBURG)
VOR	AWY-HI	60.79700	10,668 m		
UMTEK	G710	56.78830	35,000 ft	21	-
FIX	AWY-HI	60.14280	10,668 m		
LUNAG	G710	56.85030	35,000 ft	35	-
FIX	AWY-HI	59.06500	10,668 m		
ADAGI	G710	56.87360	35,000 ft	85	-
FIX	AWY-HI	56.44830	10,668 m		
AGNOK	G710	56.87830	35,000 ft	17	-
FIX	AWY-HI	55.90780	10,668 m		
OTKER	G710	56.86690	35,000 ft	17	-
FIX	AWY-HI	55.38830	10,668 m		
ENIGO	G710	56.85690	35,000 ft	25	-
FIX	AWY-HI	54.60170	10,668 m		
KOSID	G710	56.85000	35,000 ft	16	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	54.11170	10,668 m		
INGEN	G710	56.83360	35,000 ft	21	-
FIX	AWY-HI	53.45500	10,668 m		
MOKNA	W114	56.83330	35,000 ft	17	-
FIX	AWY-HI	52.93330	10,668 m		
MUROT	W114	56.82690	35,000 ft	24	-
FIX	AWY-HI	52.18170	10,668 m		
NURKA	W114	56.76110	35,000 ft	77	-
FIX	AWY-HI	49.82080	10,668 m		
ROBDU	W114	56.73420	35,000 ft	42	-
FIX	AWY-HI	48.54610	10,668 m		
UPOLA	W114	56.70500	35,000 ft	21	-
FIX	AWY-HI	47.89310	10,668 m		
PEMOT	W114	56.55670	35,000 ft	21	-
FIX	AWY-HI	47.30000	10,668 m		
OBALI	W114	56.38330	35,000 ft	25	-
FIX	AWY-HI	46.61470	10,668 m		
OK	W114	56.00690	35,000 ft	57	LYSKOVO
NDB	AWY-HI	45.02470	10,668 m		
RP	R487	55.79530	35,000 ft	64	SOSNOVSKOYE
NDB	AWY-HI	43.16030	10,668 m		
CW	R480	55.86780	35,000 ft	46	KRASNAYA GORBATKA
NDB	AWY-HI	41.78440	10,668 m		
ABOKA	R489	55.99440	35,000 ft	56	-
FIX	AWY-HI	40.11170	10,668 m		
MF	R489	56.02610	35,000 ft	16	LARIONOVO
NDB	AWY-HI	39.63420	10,668 m		
DIPAT	MF7T	56.01330	35,000 ft	53	-
FIX	AWY-HI	38.03670	10,668 m		
LAPUR	MF7T	56.01000	35,000 ft	5	-
FIX	AWY-HI	37.86080	10,668 m		
AR	FE5T	55.98330	35,000 ft	35	BUZHAROVO
NDB	AWY-HI	36.79920	10,668 m		
MAKSI	FE2T	55.89000	35,000 ft	42	-
FIX	AWY-HI	35.55470	10,668 m		
BG	FE2T	55.83330	35,000 ft	23	KARMANOVO
NDB	AWY-HI	34.85970	10,668 m		
TU	R805	55.85420	35,000 ft	64	BELY
NDB	AWY-HI	32.93920	10,668 m		
RATIN	G723	55.28000	35,000 ft	78	-
FIX	AWY-HI	30.86140	10,668 m		
VTB	N869	55.12790	35,000 ft	19	VICIEBSK
VOR	AWY-HI	30.35990	10,668 m		
VTB	-	55.12500	35,000 ft	0	VITEBSK VOR-DME
DME	-	30.35330	10,668 m		
KOSAN	N869	54.77500	35,000 ft	42	-
FIX	AWY-HI	29.27640	10,668 m		
PENAL	N869	54.51810	35,000 ft	30	-
FIX	AWY-HI	28.52140	10,668 m		
TEDRO	N869	54.28970	35,000 ft	26	-
FIX	AWY-HI	27.86310	10,668 m		
MATUS	N869	54.10310	35,000 ft	21	-
FIX	AWY-HI	27.33810	10,668 m		
OSMUS	N869	53.89470	35,000 ft	25	-
FIX	AWY-HI	26.72250	10,668 m		
UGNAL	N869	53.46970	35,000 ft	66	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	25.00140	10,668 m		
GORAT	N869	53.17810	35,000 ft	43	-
FIX	AWY-HI	23.89420	10,668 m		
BESOT	N869	52.92170	35,000 ft	37	-
FIX	AWY-HI	22.94440	10,668 m		
BULEP	N869	52.77110	35,000 ft	21	-
FIX	AWY-HI	22.41890	10,668 m		
XATOG	N869	52.45970	35,000 ft	43	-
FIX	AWY-HI	21.33220	10,668 m		
WAR	N869	52.25930	35,000 ft	27	ZABOROWEK
VOR	AWY-HI	20.65720	10,668 m		
KUKOP	N869	52.14780	35,000 ft	11	-
FIX	AWY-HI	20.41060	10,668 m		
SOXER	N869	52.04380	35,000 ft	18	-
FIX	AWY-HI	19.93500	10,668 m		
OTPOP	N869	51.96560	35,000 ft	14	-
FIX	AWY-HI	19.57500	10,668 m		
VAMPU	N869	51.86580	35,000 ft	17	-
FIX	AWY-HI	19.12500	10,668 m		
BAXIS	N869	51.80860	35,000 ft	10	-
FIX	AWY-HI	18.86390	10,668 m		
UVIVI	N869	51.58750	35,000 ft	38	-
FIX	AWY-HI	17.88330	10,668 m		
AGALU	N869	51.47140	35,000 ft	19	-
FIX	AWY-HI	17.38560	10,668 m		
IXURO	N869	51.01780	35,000 ft	74	-
FIX	AWY-HI	15.54390	10,668 m		
TOMTI	N869	50.95310	35,000 ft	10	-
FIX	AWY-HI	15.29330	10,668 m		
OKX	N869	50.90270	35,000 ft	10	FRYDLANT
VOR	AWY-HI	15.03190	10,668 m		
ODERA	P96	50.90440	35,000 ft	1	-
FIX	AWY-LO	14.99280	10,668 m		
GDON	P96	50.90970	35,000 ft	5	-
FIX	AWY-LO	14.85670	10,668 m		
HDO	UP96	50.92820	35,000 ft	18	HERMSDORF
VOR	AWY-HI	14.36880	10,668 m		
OMELO	-	50.83790	35,000 ft	14	-
FIX	-	14.00080	10,668 m		
MAREM	-	50.71550	35,000 ft	15	-
FIX	-	13.62880	10,668 m		
GAVLI	-	50.50620	35,000 ft	22	-
FIX	-	13.13820	10,668 m		
KONAR	-	50.44510	35,000 ft	4	-
FIX	-	13.06560	10,668 m		
OKG	N869	50.06510	35,000 ft	34	CHEB
VOR	AWY-HI	12.40570	10,668 m		
NEPEG	T945	49.77650	35,000 ft	38	-
FIX	AWY-LO	11.50220	10,668 m		
RODOG	-	49.58420	35,000 ft	18	-
FIX	-	11.12440	10,668 m		
AMOS	-	49.50940	35,000 ft	12	-
FIX	-	10.81140	10,668 m		
ODEGU	UN869	49.41450	35,000 ft	8	-
FIX	AWY-HI	10.66190	10,668 m		
DKB	UN869	49.14280	35,000 ft	23	DINKELSBUEHL

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	10.23830	10,668 m		
GUPIN	UN869	48.88250	35,000 ft	24	-
FIX	AWY-HI	9.74806	10,668 m		
TEDGO	-	48.61840	35,000 ft	25	-
FIX	-	9.25921	10,668 m		
NATOR	UN869	48.17000	35,000 ft	46	-
FIX	AWY-HI	8.32126	10,668 m		
RINLI	UN869	47.62280	35,000 ft	37	-
FIX	AWY-HI	7.88083	10,668 m		
OLBEN	UN869	47.30440	35,000 ft	21	-
FIX	AWY-HI	7.62944	10,668 m		
LUTIX	UN869	47.16500	35,000 ft	13	-
FIX	AWY-HI	7.37056	10,668 m		
BENOT	UN869	47.05770	35,000 ft	10	-
FIX	AWY-HI	7.17281	10,668 m		
NEMOS	UN869	46.91190	35,000 ft	13	-
FIX	AWY-HI	6.90656	10,668 m		
VEROX	UN869	46.72750	35,000 ft	17	-
FIX	AWY-HI	6.57333	10,668 m		
MILPA	N869	46.30250	35,000 ft	38	-
FIX	AWY-LO	5.87972	10,668 m		
NINTU	UN869	46.14720	35,000 ft	16	-
FIX	AWY-HI	5.55306	10,668 m		
MEBAK	UN869	45.70800	35,000 ft	46	-
FIX	AWY-HI	4.64886	10,668 m		
REPSI	UN869	45.52240	35,000 ft	19	-
FIX	AWY-HI	4.27528	10,668 m		
LERGA	T41	45.25730	35,000 ft	27	-
FIX	AWY-LO	3.75017	10,668 m		
MOKDI	UN869	44.95690	35,000 ft	30	-
FIX	AWY-HI	3.16694	10,668 m		
OLRAK	UN869	44.78440	35,000 ft	17	-
FIX	AWY-HI	2.83722	10,668 m		
TBO	UQ169	43.33220	35,000 ft	145	TARBES
VOR	AWY-HI	0.14575	10,668 m		
OBUTO	-	43.15920	35,000 ft	11	-
FIX	-	0.02083	10,668 m		
SOVAR	UN869	42.78810	35,000 ft	25	-
FIX	AWY-HI	-0.24453	10,668 m		
SURCO	UN869	42.32880	35,000 ft	31	-
FIX	AWY-HI	-0.56794	10,668 m		
ZARKO	UN869	42.00490	35,000 ft	21	-
FIX	AWY-HI	-0.79281	10,668 m		
ZAR	UN869	41.65790	35,000 ft	23	ZARAGOZA
VOR	AWY-HI	-1.03086	10,668 m		
EXEMU	UN869	41.27230	35,000 ft	28	-
FIX	AWY-HI	-1.38369	10,668 m		
PISUS	UN869	41.19370	35,000 ft	5	-
FIX	AWY-HI	-1.45500	10,668 m		
EDIMU	UN869	40.77830	35,000 ft	30	-
FIX	AWY-HI	-1.82833	10,668 m		
ADUXO	UN869	40.51230	35,000 ft	19	-
FIX	AWY-HI	-2.06428	10,668 m		
NASOS	UN869	39.39910	35,000 ft	80	-
FIX	AWY-HI	-3.02778	10,668 m		
ANZAN	UL27	39.00000	32,500 ft	25	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-3.22144	9,906 m		
BLN	UL27	38.15250	20,900 ft	54	BAILEN
VOR	AWY-HI	-3.62500	6,370 m		
LEMG	-	36.68020	0 ft	97	Málaga-Costa del Sol
APT	-	-4.49665	0 m		

ZSPD

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 5

Elevation: 13 ft / 4 m
Location: 31.141500 121.813000
Magnetic Var: 6.478 W

METAR

ZSPD 070230Z 04003MPS 350V090 CAVOK 22/11 Q1017 NOSIG

TAF

TAF ZSPD 062103Z 0700/0724 04004MPS 6000 BKN015 TX26/0706Z TN14/0721Z BECMG 0708/0709 10004MPS

Frequencies

REC - 131.45 MHz - ATIS	REC - 127.85 MHz - ATIS
TWR - 118.40 MHz - PUDONG TOWER	TWR - 118.57 MHz - PUDONG TOWER
TWR - 118.80 MHz - PUDONG TOWER	TWR - 124.35 MHz - PUDONG TOWER
TWR - 118.72 MHz - PUDONG SECONDARY TOWER	TWR - 118.32 MHz - PUDONG SECONDARY TOWER
GND - 121.62 MHz - PUDONG GROUND	GND - 121.80 MHz - PUDONG GROUND
GND - 121.87 MHz - PUDONG GROUND	GND - 121.70 MHz - PUDONG GROUND
GND - 122.70 MHz - PUDONG APRON RAMP/TAXI	GND - 122.60 MHz - PUDONG APRON RAMP/TAXI
GND - 122.65 MHz - PUDONG APRON RAMP/TAXI	GND - 122.97 MHz - PUDONG APRON RAMP/TAXI
CLD - 121.95 MHz - PUDONG CLEARANCE DELIVERY	CLD - 121.67 MHz -
APP - 121.10 MHz - SHANGHAI APPROACH	PUDONG SECONDARY CLEARANCE DELIVERY
APP - 120.30 MHz - SHANGHAI APPROACH	APP - 125.40 MHz - SHANGHAI APPROACH
APP - 125.85 MHz - SHANGHAI APPROACH	APP - 125.62 MHz - SHANGHAI APPROACH
APP - 126.65 MHz - SHANGHAI APPROACH	APP - 126.30 MHz - SHANGHAI APPROACH
APP - 121.37 MHz - SHANGHAI APPROACH	APP - 123.80 MHz - SHANGHAI APPROACH
APP - 120.65 MHz - SHANGHAI SECONDARY APPROACH	APP - 119.75 MHz - SHANGHAI SECONDARY APPROACH
APP - 124.05 MHz - SHANGHAI SECONDARY APPROACH	APP - 128.05 MHz - SHANGHAI SECONDARY APPROACH
	APP - 119.20 MHz - SHANGHAI SECONDARY APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	144 ft	11,192 ft	162.14	CONCRETE	0 ft	197 ft
	44 m	3,411 m	168.62		0 m	60 m
33	144 ft	11,192 ft	342.15	CONCRETE	0 ft	194 ft
	44 m	3,411 m	348.62		0 m	59 m
16L	197 ft	12,505 ft	162.10	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.58		0 m	0 m
34R	197 ft	12,505 ft	342.11	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.59		0 m	0 m
16R	197 ft	12,505 ft	162.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	168.56		0 m	0 m
34L	197 ft	12,505 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,812 m	348.57		0 m	0 m
17L	197 ft	13,155 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	168.56		0 m	0 m
35R	197 ft	13,155 ft	342.08	CONCRETE	0 ft	0 ft
	60 m	4,010 m	348.56		0 m	0 m
17R	197 ft	11,183 ft	162.08	CONCRETE	0 ft	0 ft
	60 m	3,409 m	168.56		0 m	0 m
35L	197 ft	11,183 ft	342.09	CONCRETE	0 ft	0 ft
	60 m	3,409 m	348.56		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	DME	IZZ	108.70 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
17L	DME	IPD	110.70 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
34L	DME	IDD	108.30 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
16L	LOC-ILS	IHL	111.50 MHz	18 nm	162.11	-	13 ft
				33 km	168.59		13 m
16R	LOC-ILS	IZZ	108.70 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
17L	LOC-ILS	IPD	110.70 MHz	18 nm	162.08	-	13 ft
				33 km	168.56		13 m
17R	LOC-ILS	IKM	111.10 MHz	18 nm	162.09	-	13 ft
				33 km	168.57		13 m
34L	LOC-ILS	IDD	108.30 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
34R	LOC-ILS	IPR	108.90 MHz	18 nm	342.11	-	13 ft
				33 km	348.59		13 m
35L	LOC-ILS	IBD	108.10 MHz	18 nm	342.09	-	13 ft
				33 km	348.57		13 m
35R	LOC-ILS	INN	111.90 MHz	18 nm	342.08	-	13 ft
				33 km	348.56		13 m
16L	GS	IHL	111.50 MHz	10 nm	162.11	3.00	13 ft
				19 km	168.59		13 m
16R	GS	IZZ	108.70 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
17L	GS	IPD	110.70 MHz	10 nm	162.08	3.00	13 ft
				19 km	168.56		13 m
17R	GS	IKM	111.10 MHz	10 nm	162.09	3.00	13 ft
				19 km	168.57		13 m
34L	GS	IDD	108.30 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
34R	GS	IPR	108.90 MHz	10 nm	342.11	3.00	13 ft
				19 km	348.59		13 m
35L	GS	IBD	108.10 MHz	10 nm	342.09	3.00	13 ft
				19 km	348.57		13 m
35R	GS	INN	111.90 MHz	10 nm	342.08	3.00	13 ft
				19 km	348.56		13 m

LEMG

Region: SPAIN
Timezone: EUROPE/MADRID
Runways: 2

Elevation: 52 ft / 16 m
Location: 36.680200 -4.496650
Magnetic Var: 0.156 W

METAR

LEMG 070230Z 28011KT CAVOK 19/11 Q1014 NOSIG

TAF

TAF LEMG 062300Z 0700/0724 28010KT CAVOK TX26/0714Z TN17/0706Z BECMG 0707/0710 13010KT BECMG 0720/0722 VRB03KT

Frequencies

REC - 124.47 MHz - ATIS	CLD - 121.80 MHz - CLEARANCE DELIVERY
TWR - 118.15 MHz - MALAGA TOWER	TWR - 118.77 MHz - MALAGA TOWER
GND - 121.70 MHz - MALAGA GROUND	GND - 121.95 MHz - MALAGA GROUND
APP - 118.45 MHz - MALAGA APPROACH	APP - 123.95 MHz - MALAGA APPROACH
APP - 128.80 MHz - MALAGA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	10,498 ft	131.69	ASPHALT	0 ft	0 ft
	45 m	3,200 m	131.84		0 m	0 m
31	148 ft	10,498 ft	311.70	ASPHALT	0 ft	0 ft
	45 m	3,200 m	311.86		0 m	0 m
12	148 ft	9,020 ft	117.69	ASPHALT	0 ft	0 ft
	45 m	2,749 m	117.85		0 m	0 m
30	148 ft	9,020 ft	297.71	ASPHALT	0 ft	0 ft
	45 m	2,749 m	297.86		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	IMG	110.55 MHz	18 nm	-	-	52 ft
				33 km	-		52 m
13	DME	GMM	109.50 MHz	18 nm	-	-	69 ft
				33 km	-		69 m
31	DME	GAA	109.90 MHz	18 nm	-	-	56 ft
				33 km	-		56 m
12	LOC-ILS	IMG	110.55 MHz	18 nm	117.69	-	52 ft
				33 km	117.85		52 m
13	LOC-ILS	GMM	109.50 MHz	18 nm	131.70	-	52 ft
				33 km	131.86		52 m
31	LOC-ILS	GAA	109.90 MHz	18 nm	311.70	-	52 ft
				33 km	311.86		52 m
12	GS	IMG	110.55 MHz	10 nm	117.69	3.00	52 ft
				19 km	117.85		52 m
13	GS	GMM	109.50 MHz	10 nm	131.70	3.20	52 ft
				19 km	131.86		52 m
31	GS	GAA	109.90 MHz	10 nm	311.70	3.00	52 ft
				19 km	311.86		52 m