

ZSPD

Shanghai Pudong Intl

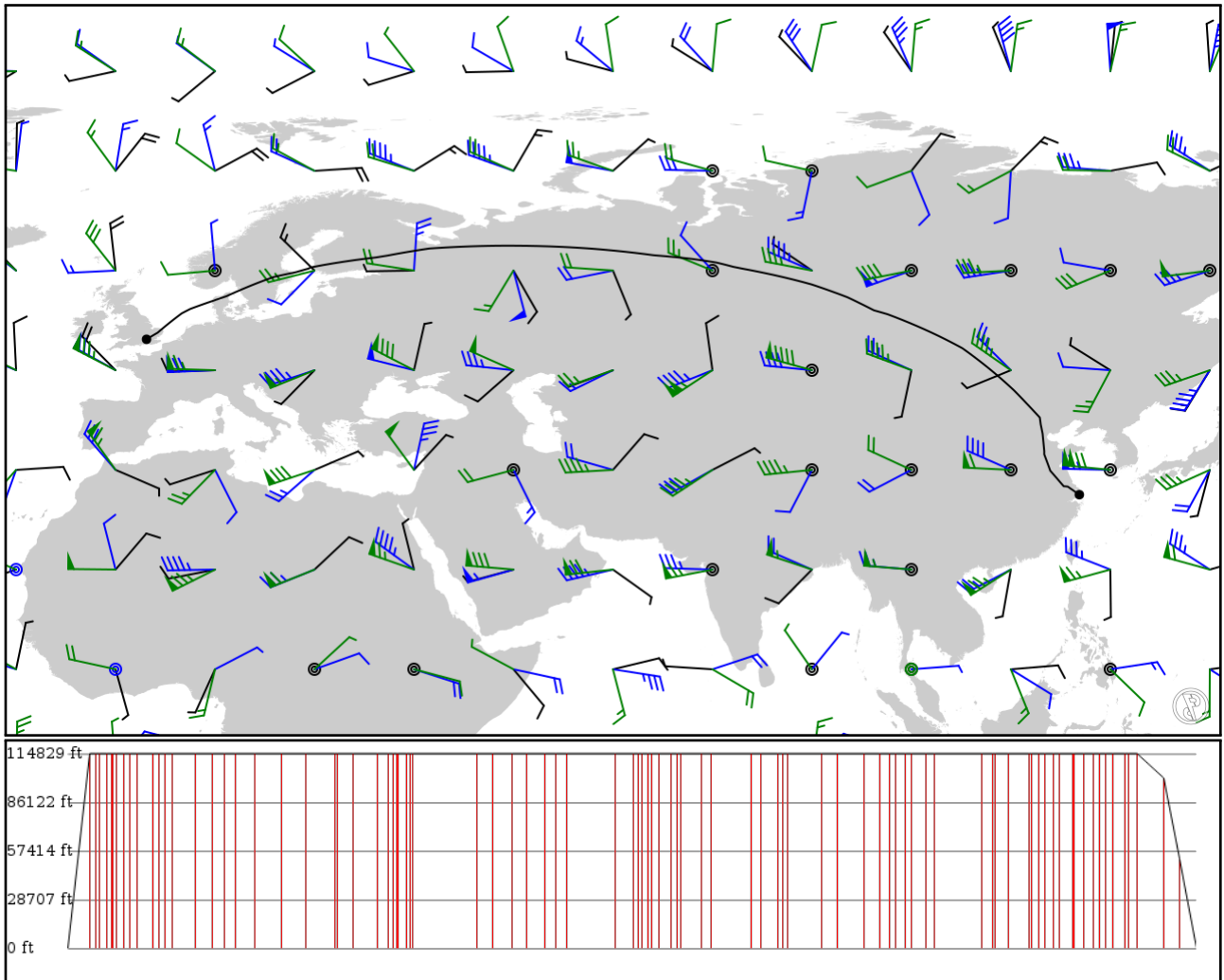
EGLL

London Heathrow

2024/05/19 1408Z

ZSPD UNTAN **G330** PIMOL **A593** DALIM **W142** YQG **V31** LADIX **B339** PIDOX **A575** ASILA **B339** POLHO **A310** MODUN
Y520 SERNA **A822** RELIK NEDAG **A822** LONKA **R497** RO **R496** NJC **G716** KEGUL **A714** KOMEK **N87** ETOBA **L87** INSOB
N850 IBVAR **N866** AAL AAL **N866** GOLUM **P144** TUZLA EGLL

5067.98 nm / 9385.89 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	-
YQG VOR	W142 AWY-HI	36.83330 117.21500	35,000 ft 10,668 m	24	JINAN
GOTVA FIX	V31 AWY-HI	37.35670 117.16500	35,000 ft 10,668 m	31	-
LADIX FIX	V31 AWY-HI	39.13000 116.99200	35,000 ft 10,668 m	106	-
HUR VOR	B339 AWY-HI	40.33000 116.74800	35,000 ft 10,668 m	72	HUAIROU
PIDOX FIX	B339 AWY-HI	41.23500 116.62500	35,000 ft 10,668 m	54	-
ASILA FIX	A575 AWY-HI	41.95830 115.95200	35,000 ft 10,668 m	52	-
ERVEB FIX	B339 AWY-HI	43.11170 114.86300	35,000 ft 10,668 m	84	-
POLHO FIX	B339 AWY-HI	44.78330 113.25000	35,000 ft 10,668 m	122	-
MODUN FIX	A310 AWY-HI	46.20470 111.68100	35,000 ft 10,668 m	107	-
MOLOR FIX	Y520 AWY-HI	47.89830 109.66100	35,000 ft 10,668 m	131	-
GOBEZ FIX	Y520 AWY-HI	48.02420 109.50500	35,000 ft 10,668 m	9	-
PRING FIX	Y520 AWY-HI	48.96110 108.30400	35,000 ft 10,668 m	73	-
SERNA FIX	Y520 AWY-HI	50.30830 106.46800	35,000 ft 10,668 m	107	-
KEMON	A822	50.85250	35,000 ft	50	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	105.45400	10,668 m		
LUTOG	A822	51.06920	35,000 ft	20	-
FIX	AWY-HI	105.03900	10,668 m		
BAPIR	A822	51.22720	35,000 ft	14	-
FIX	AWY-HI	104.73100	10,668 m		
AGANU	A822	51.26780	35,000 ft	3	-
FIX	AWY-HI	104.65100	10,668 m		
GUDMI	A822	51.67640	35,000 ft	39	-
FIX	AWY-HI	103.83600	10,668 m		
RELIK	A822	51.87720	35,000 ft	19	-
FIX	AWY-HI	103.42600	10,668 m		
NEDAG	-	51.95250	35,000 ft	7	-
FIX	-	103.27000	10,668 m		
LONKA	A822	54.75060	35,000 ft	290	-
FIX	AWY-HI	96.66640	10,668 m		
RO	R497	55.26500	35,000 ft	68	AGINSKOYE
NDB	AWY-HI	94.87750	10,668 m		
USOPA	R496	56.26560	35,000 ft	90	-
FIX	AWY-HI	92.87970	10,668 m		
SURIP	R496	56.96720	35,000 ft	64	-
FIX	AWY-HI	91.41640	10,668 m		
NOVRA	R496	57.71890	35,000 ft	79	-
FIX	AWY-HI	89.40610	10,668 m		
RONIK	R496	58.20560	35,000 ft	52	-
FIX	AWY-HI	88.02940	10,668 m		
CE	R496	58.64060	35,000 ft	48	MAKSIMKIN YAR
NDB	AWY-HI	86.73000	10,668 m		
SOTIM	R496	60.17890	35,000 ft	214	-
FIX	AWY-HI	80.38250	10,668 m		
SOREB	R496	60.71060	35,000 ft	86	-
FIX	AWY-HI	77.65890	10,668 m		
PAROM	R496	60.83390	35,000 ft	19	-
FIX	AWY-HI	77.03390	10,668 m		
NJC	R496	60.94400	35,000 ft	17	NIZHNEVARTOVSK
VOR	AWY-HI	76.46780	10,668 m		
TETSI	G716	61.15640	35,000 ft	26	-
FIX	AWY-HI	75.65250	10,668 m		
APRAN	G716	61.28720	35,000 ft	16	-
FIX	AWY-HI	75.13560	10,668 m		
ULGUN	G716	61.50060	35,000 ft	28	-
FIX	AWY-HI	74.24860	10,668 m		
OGIKA	G716	61.78330	35,000 ft	54	-
FIX	AWY-HI	72.44670	10,668 m		
NEGNA	G716	61.93720	35,000 ft	31	-
FIX	AWY-HI	71.38690	10,668 m		
LARTU	G716	61.99560	35,000 ft	12	-
FIX	AWY-HI	70.97030	10,668 m		
ABGIL	G716	62.32720	35,000 ft	93	-
FIX	AWY-HI	67.72170	10,668 m		
SORLI	G716	62.46720	35,000 ft	47	-
FIX	AWY-HI	66.03170	10,668 m		
ERUSA	G716	63.17080	35,000 ft	178	-
FIX	AWY-HI	59.71110	10,668 m		
RIMEB	G716	63.30360	35,000 ft	43	-
FIX	AWY-HI	58.11970	10,668 m		
OKRAN	G716	63.48000	35,000 ft	73	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	55.40000	10,668 m		
AGNER	G716	63.52190	35,000 ft	21	-
FIX	AWY-HI	54.61110	10,668 m		
UHT	G716	63.56040	35,000 ft	21	UKHTA
VOR	AWY-HI	53.79350	10,668 m		
SONOK	G716	63.70440	35,000 ft	153	-
FIX	AWY-HI	48.04140	10,668 m		
PINEG	G716	63.70030	35,000 ft	71	-
FIX	AWY-HI	45.33920	10,668 m		
TALUB	G716	63.58000	35,000 ft	117	-
FIX	AWY-HI	40.92830	10,668 m		
MEGIN	G716	63.44860	35,000 ft	71	-
FIX	AWY-HI	38.29170	10,668 m		
KEGUL	G716	63.34170	35,000 ft	45	-
FIX	AWY-HI	36.61420	10,668 m		
OLBAN	A714	63.21830	35,000 ft	23	-
FIX	AWY-HI	35.76920	10,668 m		
SUDEP	A714	62.97500	35,000 ft	44	-
FIX	AWY-HI	34.21920	10,668 m		
KULOR	A714	62.80830	35,000 ft	28	-
FIX	AWY-HI	33.22920	10,668 m		
KOMEK	A714	62.42170	35,000 ft	63	-
FIX	AWY-HI	31.10830	10,668 m		
ETوبا	N87	62.18890	35,000 ft	42	-
FIX	AWY-HI	29.67780	10,668 m		
AMUPO	L87	61.16580	35,000 ft	209	-
FIX	AWY-HI	22.63810	10,668 m		
INSOB	L87	60.85500	35,000 ft	51	-
FIX	AWY-HI	21.00190	10,668 m		
IBVAR	N850	60.73580	35,000 ft	8	-
FIX	AWY-HI	20.81610	10,668 m		
EVLAN	N866	60.25220	35,000 ft	58	-
FIX	AWY-HI	19.11190	10,668 m		
BEDLA	N866	59.62890	35,000 ft	94	-
FIX	AWY-HI	16.22500	10,668 m		
TABUT	N866	59.51920	35,000 ft	11	-
FIX	AWY-HI	15.91710	10,668 m		
DEPEX	N866	59.19190	35,000 ft	33	-
FIX	AWY-HI	15.02250	10,668 m		
LAPSI	N866	58.92050	35,000 ft	27	-
FIX	AWY-HI	14.30550	10,668 m		
MOXAM	N866	58.53140	35,000 ft	38	-
FIX	AWY-HI	13.31390	10,668 m		
NEGIL	N866	58.25130	35,000 ft	27	-
FIX	AWY-HI	12.62530	10,668 m		
INVOL	N866	57.65440	35,000 ft	57	-
FIX	AWY-HI	11.22140	10,668 m		
DETNA	N866	57.58760	35,000 ft	6	-
FIX	AWY-HI	11.06910	10,668 m		
AAL	N866	57.10370	35,000 ft	45	AALBORG
VOR	AWY-HI	9.99558	10,668 m		
AAL	-	57.10390	35,000 ft	0	AALBORG VOR-DME
DME	-	9.99281	10,668 m		
KEMEG	N866	56.72080	35,000 ft	43	-
FIX	AWY-HI	8.87250	10,668 m		
RAM	N866	56.47840	35,000 ft	26	RAMME VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
DME	AWY-HI	8.18736	10,668 m		
EVAKI	N866	56.23940	35,000 ft	27	-
FIX	AWY-HI	7.48111	10,668 m		
AMRAM	N866	55.94360	35,000 ft	33	-
FIX	AWY-HI	6.63417	10,668 m		
GOLUM	N866	55.45000	35,000 ft	54	-
FIX	AWY-HI	5.28333	10,668 m		
SOPTO	P144	55.30560	35,000 ft	12	-
FIX	AWY-HI	5.00000	10,668 m		
LARGA	P144	54.86390	35,000 ft	39	-
FIX	AWY-HI	4.15333	10,668 m		
LATMU	P144	53.25690	30,600 ft	120	-
FIX	AWY-HI	2.08944	9,327 m		
TUZLA	P144	52.34470	16,100 ft	67	-
FIX	AWY-HI	1.00333	4,907 m		
EGLL	-	51.47120	0 ft	75	London Heathrow
APT	-	-0.46088	0 m		

ZSPD

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 5

Elevation: 13 ft / 4 m
Location: 31.141500 121.813000
Magnetic Var: 6.480 W

METAR

ZSPD 191330Z 14005MPS 9999 BKN007 20/19 Q1012 NOSIG

TAF

TAF ZSPD 190902Z 1912/2012 12004MPS 8000 BKN020 TX26/2006Z TN20/1921Z

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	348.63		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	168.57		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	348.57		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	348.57		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

EGLL

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.381 E

METAR

EGLL 191320Z AUTO 03007KT 330V070 9999 SCT043 22/10 Q1014 NOSIG

TAF

TAF EGLL 191055Z 1912/2018 04008KT 9999 FEW040 BECMG 1923/2002 BKN012 TEMPO 2001/2006 BKN008 PROB30 TEMPO 2001/2006

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.28		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.32		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		0 m	29 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m