

# YBBN

Brisbane Intl

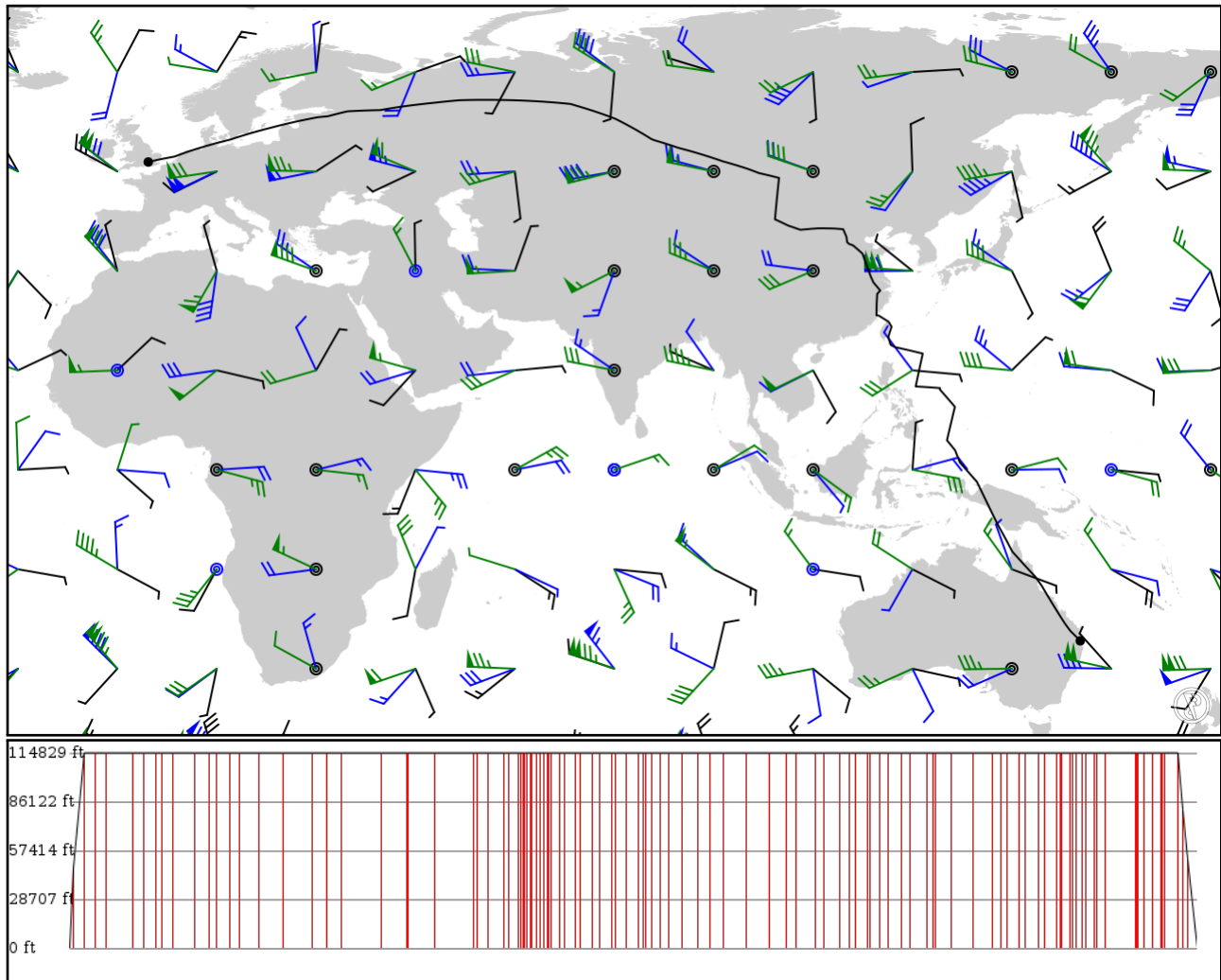
# EGLL

London Heathrow

2024/06/05 2141Z

YBBN SMOKA Y177 CS B473 WP G459 BIK B462 MIMIK BAHAR SHREE A339 WRNNR 1400N13000E ENDAX G467  
DILIS G578 YEVRA R596 BONEY GID B591 APU W8 NK LJG A470 PIX A593 DALIM HG 3800N11500E SJW B458 KR  
TZH A596 DKO 4100N10500E MORIT B480 BU A575 UNWW A573 SOMIN A575 PG A573 KD B200 ZJ R22 KTL R30  
GR G59 LIMAK P862 MALIV M611 CDA UZ700 TULIP L620 CLN11 EGLL

9816.58 nm / 18180.30 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 39000ft
- Cruise Speed: 500kts
- 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
YBBN	-	-27.37571	0 ft	-	Brisbane Intl
APT	-	153.12771	0 m		
SMOKA	-	-26.87583	14,200 ft	40	-
FIX	-	152.63222	4,328 m		
EAGLE	Y177	-25.74444	35,000 ft	91	-
FIX	AWY-LO	151.49167	10,668 m		
TNG	Y177	-24.49417	35,000 ft	90	THANGOOL NDB-DME
NDB	AWY-LO	150.57000	10,668 m		
COCKA	Y177	-23.04194	35,000 ft	101	-
FIX	AWY-LO	149.64139	10,668 m		
WALTA	Y177	-19.69056	35,000 ft	231	-
FIX	AWY-LO	147.59056	10,668 m		
SWIFT	Y177	-18.35381	35,000 ft	91	-
FIX	AWY-LO	146.80028	10,668 m		
CS	Y177	-16.85000	35,000 ft	108	CAIRNS VOR-DME
VOR	AWY-LO	145.74389	10,668 m		
LAKED	B473	-16.22950	35,000 ft	50	-
FIX	AWY-LO	145.16208	10,668 m		
MEMOS	B473	-14.98417	35,000 ft	100	-
FIX	AWY-LO	144.00894	10,668 m		
WP	B473	-12.67361	35,000 ft	184	WEIPA VOR-DME
VOR	AWY-LO	141.92250	10,668 m		
ATERA	G459	-10.82833	35,000 ft	124	-
FIX	AWY-LO	140.95786	10,668 m		
BEGMI	G459	-9.83333	35,000 ft	67	-
FIX	AWY-LO	140.41000	10,668 m		
UBLAT	G459	-8.16694	35,000 ft	113	-
FIX	AWY-LO	139.49719	10,668 m		
AGIGU	G459	-6.93271	35,000 ft	82	-
FIX	AWY-LO	138.87906	10,668 m		
BUNBO	G459	-4.29852	35,000 ft	175	-
FIX	AWY-LO	137.59753	10,668 m		
BIK	G459	-1.18247	35,000 ft	207	BIAK VOR-DME
VOR	AWY-LO	136.08614	10,668 m		
MIMIK	B462	2.00000	35,000 ft	254	-
FIX	AWY-LO	133.28333	10,668 m		
BAHAR	-	4.00000	35,000 ft	128	-
FIX	-	132.50000	10,668 m		
SHREE	-	5.65000	35,000 ft	127	-
FIX	-	131.15667	10,668 m		
WRNNR	A339	11.16333	35,000 ft	340	-
FIX	AWY-LO	132.46667	10,668 m		
1400N13000E	-	14.00000	35,000 ft	223	-
LATLON	-	130.00000	10,668 m		
ENDAX	-	14.25000	35,000 ft	15	-
FIX	-	130.00000	10,668 m		
DILIS	G467	14.51864	35,000 ft	233	-
FIX	AWY-LO	126.00142	10,668 m		
YEVRA	G578	19.92733	35,000 ft	331	-
FIX	AWY-LO	127.17292	10,668 m		
LAMOL	R596	20.06255	35,000 ft	31	-
FIX	AWY-LO	126.62770	10,668 m		
ELMAS	R596	20.44959	35,000 ft	94	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	125.00016	10,668 m		
MEVIN	R596	21.00000	35,000 ft	141	-
FIX	AWY-LO	122.55000	10,668 m		
BONEY	R596	21.38333	35,000 ft	44	-
FIX	AWY-LO	121.86667	10,668 m		
GID	-	22.67278	35,000 ft	80	LYUDAO VORTAC
VOR	-	121.48583	10,668 m		
TACLE	B591	22.99389	35,000 ft	20	-
FIX	AWY-LO	121.58694	10,668 m		
JICHI	B591	23.41028	35,000 ft	26	-
FIX	AWY-LO	121.72250	10,668 m		
WAGON	B591	23.58806	35,000 ft	11	-
FIX	AWY-LO	121.77389	10,668 m		
TITUS	B591	23.82833	35,000 ft	15	-
FIX	AWY-LO	121.85167	10,668 m		
TINHO	B591	24.35250	35,000 ft	32	-
FIX	AWY-LO	122.02861	10,668 m		
WADER	B591	24.50639	35,000 ft	10	-
FIX	AWY-LO	121.93472	10,668 m		
APU	B591	25.17694	35,000 ft	46	ANBU VOR-DME
VOR	AWY-LO	121.52222	10,668 m		
TONNY	W8	25.41389	35,000 ft	25	-
FIX	AWY-LO	121.14333	10,668 m		
DEFOE	W8	25.77917	35,000 ft	38	-
FIX	AWY-LO	120.56528	10,668 m		
HAPPY	W8	26.01750	35,000 ft	25	-
FIX	AWY-LO	120.18583	10,668 m		
NK	W8	26.16000	35,000 ft	15	NANGAN NDB
NDB	AWY-LO	119.95722	10,668 m		
LJG	-	26.22000	35,000 ft	22	LIANJIANG VOR-DME
VOR	-	119.54667	10,668 m		
DAGMO	A470	27.43667	35,000 ft	73	-
FIX	AWY-LO	119.55667	10,668 m		
BZ	A470	28.08333	35,000 ft	38	YUNHE NDB
NDB	AWY-LO	119.56667	10,668 m		
AKOTO	A470	29.62500	35,000 ft	92	-
FIX	AWY-LO	119.65000	10,668 m		
TOL	A470	29.76333	35,000 ft	8	TONGLU VOR-DME
VOR	AWY-LO	119.65833	10,668 m		
CJ	A470	30.30167	35,000 ft	41	JIANQIAO NDB
NDB	AWY-LO	120.16333	10,668 m		
GS	A470	31.63667	35,000 ft	98	LISHUI NDB
NDB	AWY-LO	119.04333	10,668 m		
OF	A470	32.66000	35,000 ft	65	BANTAJI NDB
NDB	AWY-LO	118.58167	10,668 m		
PIX	A470	34.31500	35,000 ft	103	PIXIAN VOR-DME
VOR	AWY-LO	117.98000	10,668 m		
UDINO	A593	34.82167	35,000 ft	31	-
FIX	AWY-LO	117.79500	10,668 m		
DALIM	A593	36.41000	35,000 ft	99	-
FIX	AWY-LO	117.21167	10,668 m		
HG	-	37.72333	35,000 ft	106	HENGSHUI NDB
NDB	-	115.71000	10,668 m		
3800N11500E	-	38.00000	35,000 ft	37	-
LATLON	-	115.00000	10,668 m		
SJW	-	38.28000	35,000 ft	21	ZHENGDIING VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	114.70167	10,668 m		
KR	B458	39.14500	35,000 ft	52	NANCHENGZI NDB
NDB	AWY-LO	114.60000	10,668 m		
TZH	-	40.41167	35,000 ft	80	TIANZHEN VOR-DME
VOR	-	114.05000	10,668 m		
SZ	A596	40.52500	35,000 ft	71	LIANGCHENG NDB
NDB	AWY-LO	112.49167	10,668 m		
BAV	A596	40.56000	35,000 ft	113	BAOTOU VOR-DME
VOR	AWY-LO	109.99500	10,668 m		
DKO	A596	40.31500	35,000 ft	137	DENGKOU VOR-DME
VOR	AWY-LO	107.00000	10,668 m		
4100N10500E	-	41.00000	35,000 ft	99	-
LATLON	-	105.00000	10,668 m		
MORIT	-	42.03333	35,000 ft	116	-
FIX	-	102.81667	10,668 m		
KENTA	B480	45.36463	35,000 ft	200	-
FIX	AWY-LO	103.12306	10,668 m		
BU	B480	48.85425	35,000 ft	210	BULGAN NDB
NDB	AWY-LO	103.48553	10,668 m		
MU	A575	49.65294	35,000 ft	138	MUREN NDB
NDB	AWY-LO	100.17446	10,668 m		
DARNO	A575	50.35667	35,000 ft	83	-
FIX	AWY-LO	98.29500	10,668 m		
KZL	A575	51.59000	35,000 ft	171	KYZYL VOR-DME
VOR	AWY-LO	94.20667	10,668 m		
NARBI	A575	52.20000	35,000 ft	76	-
FIX	AWY-LO	92.40500	10,668 m		
LOBIR	A575	53.24722	35,000 ft	140	-
FIX	AWY-LO	88.96111	10,668 m		
UNWW	A575	53.81000	35,000 ft	81	-
APT	AWY-LO	86.87833	10,668 m		
SOMIN	A573	54.28333	35,000 ft	57	-
FIX	AWY-LO	85.46667	10,668 m		
PG	A575	55.07750	35,000 ft	101	ZAYELTSOVSKIY NDB
NDB	AWY-LO	82.89389	10,668 m		
KD	A573	55.28083	35,000 ft	20	NOVOTYRYSHKINO NDB
NDB	AWY-LO	82.40556	10,668 m		
KENGA	B200	56.32056	35,000 ft	84	-
FIX	AWY-LO	80.70083	10,668 m		
MINOR	B200	57.25056	35,000 ft	77	-
FIX	AWY-LO	79.06583	10,668 m		
XV	B200	58.58972	35,000 ft	114	NOVY VASYUGAN NDB
NDB	AWY-LO	76.50750	10,668 m		
LITUN	B200	59.33389	35,000 ft	76	-
FIX	AWY-LO	74.49889	10,668 m		
TODES	B200	60.63056	35,000 ft	143	-
FIX	AWY-LO	70.48194	10,668 m		
ZJ	B200	61.03333	35,000 ft	46	KHANTY-MANSIYSK VOR-DME
VOR	AWY-LO	69.12694	10,668 m		
RATRI	R22	61.12167	35,000 ft	26	-
FIX	AWY-LO	68.22500	10,668 m		
AGATA	R22	61.48333	35,000 ft	139	-
FIX	AWY-LO	63.43333	10,668 m		
BUKET	R22	61.70028	35,000 ft	186	-
FIX	AWY-LO	56.91472	10,668 m		
UUYU	R22	61.64705	35,000 ft	172	SYKTYVKAR

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
APT	AWY-LO	50.84505	10,668 m		
ADISA	R22	61.41694	35,000 ft	72	-
FIX	AWY-LO	48.34611	10,668 m		
KTL	R22	61.23806	35,000 ft	48	KOTLAS VOR-DME
VOR	AWY-LO	46.71333	10,668 m		
SANUL	R30	60.84667	35,000 ft	104	-
FIX	AWY-LO	43.21111	10,668 m		
METAT	R30	60.58333	35,000 ft	60	-
FIX	AWY-LO	41.21444	10,668 m		
SU	R30	60.02000	35,000 ft	108	BELOZERSK NDB
NDB	AWY-LO	37.75944	10,668 m		
ABEDO	R30	59.96833	35,000 ft	57	-
FIX	AWY-LO	35.83278	10,668 m		
GR	R30	59.81667	35,000 ft	105	GORKA NDB
NDB	AWY-LO	32.35000	10,668 m		
MALUK	G59	59.58972	35,000 ft	31	-
FIX	AWY-LO	31.40417	10,668 m		
NURMA	G59	59.50139	35,000 ft	12	-
FIX	AWY-LO	31.04417	10,668 m		
OS	G59	59.00000	35,000 ft	66	OSMINO NDB
NDB	AWY-LO	29.11667	10,668 m		
BEKON	G59	58.93306	35,000 ft	24	-
FIX	AWY-LO	28.34778	10,668 m		
LIMAK	G59	58.84333	35,000 ft	27	-
FIX	AWY-LO	27.47000	10,668 m		
TOMPA	P862	58.78861	35,000 ft	9	-
FIX	AWY-LO	27.17194	10,668 m		
EKLON	P862	58.50694	35,000 ft	48	-
FIX	AWY-LO	25.71528	10,668 m		
PIVUN	P862	58.34083	35,000 ft	27	-
FIX	AWY-LO	24.90444	10,668 m		
NETNA	P862	57.87556	35,000 ft	72	-
FIX	AWY-LO	22.78944	10,668 m		
LUSIM	P862	57.68556	35,000 ft	28	-
FIX	AWY-LO	21.98306	10,668 m		
EVONA	P862	57.16500	35,000 ft	73	-
FIX	AWY-LO	19.92472	10,668 m		
MALIV	P862	55.16272	35,000 ft	259	-
FIX	AWY-LO	13.03686	10,668 m		
ODARU	M611	55.09583	35,000 ft	10	-
FIX	AWY-LO	12.76139	10,668 m		
CDA	M611	55.00150	35,000 ft	14	CODAN VOR-DME
VOR	AWY-LO	12.37921	10,668 m		
GITER	UZ700	54.64444	35,000 ft	52	-
FIX	AWY-HI	11.00000	10,668 m		
MOVAX	UZ700	54.08667	35,000 ft	77	-
FIX	AWY-HI	9.00000	10,668 m		
NIKIL	UZ700	53.55778	35,000 ft	69	-
FIX	AWY-HI	7.24889	10,668 m		
LEKMO	UZ700	53.44167	35,000 ft	14	-
FIX	AWY-HI	6.90889	10,668 m		
BEDUM	UZ700	53.34817	35,000 ft	12	-
FIX	AWY-HI	6.58887	10,668 m		
TULIP	UZ700	52.36775	35,000 ft	115	-
FIX	AWY-HI	3.85731	10,668 m		
REDFA	L620	52.11459	24,800 ft	52	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	2.48795	7,559 m		
CLN11	L620	51.90546	16,000 ft	41	-
FIX	AWY-LO	1.42891	4,877 m		
EGLL	-	51.47122	0 ft	75	London Heathrow
APT	-	-0.46098	0 m		

## YBBN

Region: AUSTRALIA  
Timezone: AUSTRALIA/BRISBANE  
Runways: 2

Elevation: 15 ft / 5 m  
Location: -27.375800 153.128000  
Magnetic Var: 11.016 E

## METAR

YBBN 052130Z 21005KT CAVOK 13/12 Q1017

## TAF

TAF YBBN 052007Z 0521/0700 22008KT CAVOK FM060400 05008KT 9999 FEW050 FM060800 24008KT 9999 FEW045

## Frequencies

REC - 125.50 MHz - ATIS	REC - 113.20 MHz - ATIS
CLD - 118.85 MHz - BRISBANE CLEARANCE	GND - 121.70 MHz - BRISBANE GROUND
TWR - 118.00 MHz - BRISBANE TOWER	TWR - 120.50 MHz - BRISBANE TOWER
APP - 124.70 MHz - BRISBANE NORTH APPROACH	APP - 125.60 MHz - BRISBANE SOUTH APPROACH
APP - 119.25 MHz - BRISBANE FINALS APPROACH	DEP - 118.45 MHz - BRISBANE DEPARTURE
DEP - 133.45 MHz - BRISBANE DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	148 ft	11,744 ft	26.93	ASPHALT	213 ft	0 ft
	45 m	3,580 m	15.92		65 m	0 m
19	148 ft	11,744 ft	206.92	ASPHALT	0 ft	0 ft
	45 m	3,580 m	195.91		0 m	0 m
14	98 ft	5,787 ft	145.66	ASPHALT	197 ft	0 ft
	30 m	1,764 m	134.65		60 m	0 m
32	98 ft	5,787 ft	325.66	ASPHALT	197 ft	0 ft
	30 m	1,764 m	314.64		60 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	IBA	109.50 MHz	18 nm	26.93	-	15 ft
				33 km	15.91		15 m
19	LOC-ILS	IBS	110.10 MHz	18 nm	206.93	-	15 ft
				33 km	195.91		15 m
01	GS	IBA	109.50 MHz	10 nm	26.93	3.00	15 ft
				19 km	15.91		15 m
19	GS	IBS	110.10 MHz	10 nm	206.93	3.00	15 ft
				19 km	195.91		15 m



## EGLL

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

Elevation: 83 ft / 25 m  
Location: 51.471200 -0.460881  
Magnetic Var: 0.388 E

## METAR

EGLL 052120Z AUTO 28009KT 9999 NCD 12/05 Q1016

## TAF

TAF EGLL 051655Z 0518/0624 28008KT 9999 FEW045 PROB30 TEMPO 0606/0612 7000 SHRA

## 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	89.27		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	89.29		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.33		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	89.29		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.31		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.31		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.29		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.29		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	89.31		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.31		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.29		83 m