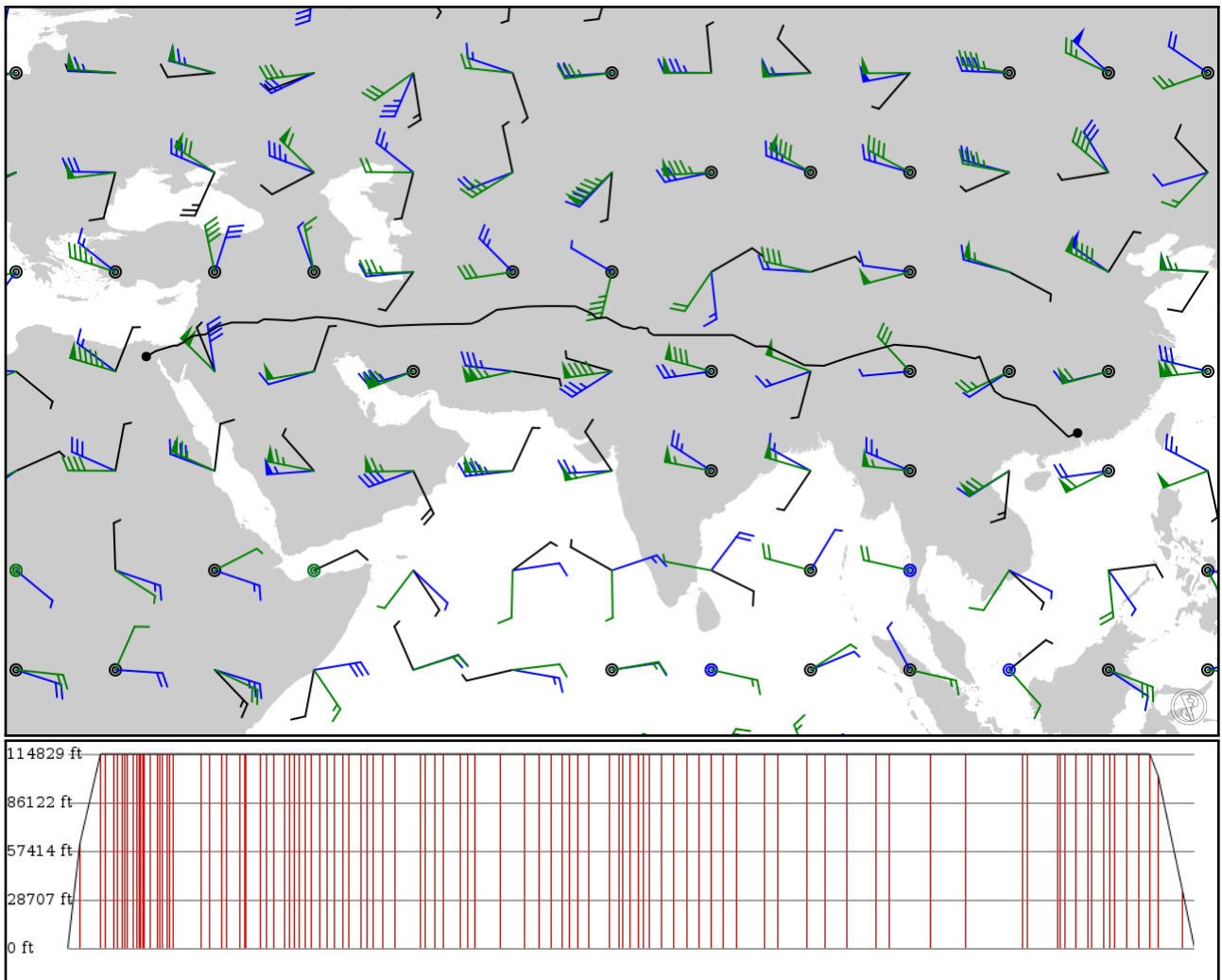


2024/05/05 2254Z

HECA LONIR **V606** EGOA RAHAT **Y84** BOFIR ESTER GOBRI OSAMA **L200** LUDAN **A412** DAXEN **L200** GIBUX **R652**  
RAPLU **G202** KRD KRD **G202** BJD 3300N06000E SOKAM **V338** TAPIS **L509** LAJAK **G796** HANGU **J139** JABAR **L509**  
INDEK **J221** SLT JJU **W34** PK 3200N07600E 3200N07700E 3200N07800E 3200N07900E 3200N08000E 3200N08100E  
3200N08200E 3200N08300E 3100N08500E 3100N08600E 3000N08800E RKZ **B345** LXA **B213** PEXUN FJC FJC ZYG  
**B330** GYA ZGGG

4622.60 nm / 8561.05 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
HECA	-	30.11140	0 ft	-	Cairo Intl
APT	-	31.41390	0 m		
LONIR	-	30.60000	18,900 ft	53	-
FIX	-	32.26830	5,761 m		
ARH	V606	31.07300	35,000 ft	85	EL ARISH
VOR	AWY-HI	33.83190	10,668 m		
EGORA	V606	31.06690	35,000 ft	15	-
FIX	AWY-HI	34.13500	10,668 m		
RAHAT	-	31.40000	35,000 ft	38	-
FIX	-	34.78500	10,668 m		
BOFIR	Y84	31.57530	35,000 ft	11	-
FIX	AWY-LO	34.88530	10,668 m		
ESTER	-	31.74280	35,000 ft	20	-
FIX	-	35.22830	10,668 m		
GOBRI	-	31.86420	35,000 ft	10	-
FIX	-	35.37890	10,668 m		
OSAMA	-	31.93060	35,000 ft	12	-
FIX	-	35.61830	10,668 m		
AMN01	L200	32.00410	35,000 ft	23	-
FIX	AWY-HI	36.06600	10,668 m		
LOXER	L200	32.02990	35,000 ft	16	-
FIX	AWY-HI	36.38100	10,668 m		
MESLO	L200	32.04190	35,000 ft	7	-
FIX	AWY-HI	36.53000	10,668 m		
LUDAN	L200	32.04910	35,000 ft	4	-
FIX	AWY-HI	36.62040	10,668 m		
KUPRI	A412	32.14050	35,000 ft	8	-
FIX	AWY-HI	36.75840	10,668 m		
ASLON	A412	32.20310	35,000 ft	6	-
FIX	AWY-HI	36.85310	10,668 m		
NADEK	A412	32.45780	35,000 ft	24	-
FIX	AWY-HI	37.24140	10,668 m		
DAXEN	A412	32.74580	35,000 ft	28	-
FIX	AWY-HI	37.68480	10,668 m		
ORNAL	L200	32.79850	35,000 ft	9	-
FIX	AWY-HI	37.86460	10,668 m		
KAREM	L200	32.85290	35,000 ft	10	-
FIX	AWY-HI	38.05680	10,668 m		
KUMLO	L200	32.97000	35,000 ft	21	-
FIX	AWY-HI	38.46880	10,668 m		
DAPUK	L200	33.02760	35,000 ft	10	-
FIX	AWY-HI	38.67400	10,668 m		
PASIP	L200	33.10000	35,000 ft	13	-
FIX	AWY-HI	38.93330	10,668 m		
GIBUX	L200	33.08330	35,000 ft	113	-
FIX	AWY-HI	41.18330	10,668 m		
RAPLU	R652	33.38330	35,000 ft	34	-
FIX	AWY-HI	41.75830	10,668 m		
PUSTO	G202	33.35000	35,000 ft	49	-
FIX	AWY-HI	42.75000	10,668 m		
DELMI	G202	33.32170	35,000 ft	23	-
FIX	AWY-HI	43.22440	10,668 m		
LAGLO	G202	33.26080	35,000 ft	51	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	44.24920	10,668 m		
ITOVA	G202	33.33080	35,000 ft	22	-
FIX	AWY-HI	44.69140	10,668 m		
SINKA	G202	33.36030	35,000 ft	5	-
FIX	AWY-HI	44.79810	10,668 m		
RAGET	G202	33.51330	35,000 ft	55	-
FIX	AWY-HI	45.89670	10,668 m		
ILM	G202	33.57840	35,000 ft	26	ILAM
VOR	AWY-HI	46.41540	10,668 m		
ALTET	G202	33.53580	35,000 ft	30	-
FIX	AWY-HI	47.01310	10,668 m		
MIPON	G202	33.46690	35,000 ft	44	-
FIX	AWY-HI	47.89560	10,668 m		
KRD	G202	33.43510	35,000 ft	19	KHORAM ABAD VOR-DME
DME	AWY-HI	48.28910	10,668 m		
KRD	-	33.43420	35,000 ft	0	KHORAM ABAD
VOR	-	48.29190	10,668 m		
UKSIS	G202	33.36640	35,000 ft	19	-
FIX	AWY-HI	48.66720	10,668 m		
NOTSA	G202	33.29580	35,000 ft	19	-
FIX	AWY-HI	49.05420	10,668 m		
RASLA	G202	33.20060	35,000 ft	26	-
FIX	AWY-HI	49.56920	10,668 m		
UKITA	G202	33.11580	35,000 ft	22	-
FIX	AWY-HI	50.01140	10,668 m		
BOMID	G202	32.98440	35,000 ft	34	-
FIX	AWY-HI	50.67470	10,668 m		
IMRAG	G202	32.86170	35,000 ft	31	-
FIX	AWY-HI	51.27860	10,668 m		
ISN	G202	32.74700	35,000 ft	28	ESFAHAN
VOR	AWY-HI	51.82800	10,668 m		
PARUG	G202	32.78440	35,000 ft	33	-
FIX	AWY-HI	52.49640	10,668 m		
LABOT	G202	32.81080	35,000 ft	26	-
FIX	AWY-HI	53.01470	10,668 m		
ALNER	G202	32.85610	35,000 ft	50	-
FIX	AWY-HI	54.02170	10,668 m		
MITET	G202	32.87390	35,000 ft	23	-
FIX	AWY-HI	54.48060	10,668 m		
NODLA	G202	32.89170	35,000 ft	25	-
FIX	AWY-HI	54.98060	10,668 m		
ORSOK	G202	32.91720	35,000 ft	39	-
FIX	AWY-HI	55.75890	10,668 m		
IMSOG	G202	32.94330	35,000 ft	51	-
FIX	AWY-HI	56.78030	10,668 m		
ROSOS	G202	32.97080	35,000 ft	101	-
FIX	AWY-HI	58.80390	10,668 m		
BJD	G202	32.97240	35,000 ft	19	BIRJAND
VOR	AWY-HI	59.20010	10,668 m		
3300N06000E	-	33.00000	35,000 ft	40	-
LATLON	-	60.00000	10,668 m		
SOKAM	-	33.22110	35,000 ft	34	-
FIX	-	60.63170	10,668 m		
LATUN	V338	33.91360	35,000 ft	69	-
FIX	AWY-LO	61.74530	10,668 m		
SAKUX	V338	34.21000	35,000 ft	29	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	62.22170	10,668 m		
SARSA	V338	34.27560	35,000 ft	30	-
FIX	AWY-LO	62.82610	10,668 m		
VELDT	V338	34.50000	35,000 ft	103	-
FIX	AWY-LO	64.90000	10,668 m		
VUVEN	V338	34.54170	35,000 ft	100	-
FIX	AWY-LO	66.92500	10,668 m		
KULTA	V338	34.52890	35,000 ft	63	-
FIX	AWY-LO	68.20390	10,668 m		
TAPIS	V338	34.51670	35,000 ft	46	-
FIX	AWY-LO	69.15000	10,668 m		
GIDOG	L509	34.17640	35,000 ft	44	-
FIX	AWY-HI	69.94640	10,668 m		
LAJAK	L509	33.93310	35,000 ft	31	-
FIX	AWY-HI	70.49970	10,668 m		
HANGU	G796	33.48580	35,000 ft	36	-
FIX	AWY-HI	71.00580	10,668 m		
JABAR	J139	33.53830	35,000 ft	42	-
FIX	AWY-HI	71.85610	10,668 m		
INDEK	L509	32.76670	35,000 ft	84	-
FIX	AWY-HI	73.26610	10,668 m		
BINEX	J221	32.58530	35,000 ft	41	-
FIX	AWY-HI	74.05830	10,668 m		
SLT	J221	32.51860	35,000 ft	14	SIALKOT
VOR	AWY-HI	74.34340	10,668 m		
JJU	-	32.69170	35,000 ft	27	JAMMU
VOR	-	74.83780	10,668 m		
BIKUX	W34	32.57280	35,000 ft	34	-
FIX	AWY-HI	75.50080	10,668 m		
PK	W34	32.24060	35,000 ft	21	PATHANKOT
NDB	AWY-HI	75.63310	10,668 m		
3200N07600E	-	32.00000	35,000 ft	23	-
LATLON	-	76.00000	10,668 m		
3200N07700E	-	32.00000	35,000 ft	50	-
LATLON	-	77.00000	10,668 m		
3200N07800E	-	32.00000	35,000 ft	50	-
LATLON	-	78.00000	10,668 m		
3200N07900E	-	32.00000	35,000 ft	50	-
LATLON	-	79.00000	10,668 m		
3200N08000E	-	32.00000	35,000 ft	50	-
LATLON	-	80.00000	10,668 m		
3200N08100E	-	32.00000	35,000 ft	50	-
LATLON	-	81.00000	10,668 m		
3200N08200E	-	32.00000	35,000 ft	50	-
LATLON	-	82.00000	10,668 m		
3200N08300E	-	32.00000	35,000 ft	50	-
LATLON	-	83.00000	10,668 m		
3100N08500E	-	31.00000	35,000 ft	118	-
LATLON	-	85.00000	10,668 m		
3100N08600E	-	31.00000	35,000 ft	51	-
LATLON	-	86.00000	10,668 m		
3000N08800E	-	30.00000	35,000 ft	119	-
LATLON	-	88.00000	10,668 m		
RKZ	-	29.35500	35,000 ft	76	RIKAZE
VOR	-	89.27170	10,668 m		
LXA	B345	29.29670	35,000 ft	90	LHASA

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	90.99830	10,668 m		
TAPUN	B213	30.00330	35,000 ft	116	-
FIX	AWY-HI	93.07500	10,668 m		
LEDIM	B213	30.31670	35,000 ft	57	-
FIX	AWY-HI	94.11670	10,668 m		
RG	B213	31.14670	35,000 ft	165	CHANGDU
NDB	AWY-HI	97.17670	10,668 m		
PEXUN	B213	30.92830	35,000 ft	145	-
FIX	AWY-HI	100.00000	10,668 m		
FJC	-	29.92830	35,000 ft	230	FUJIACHANG
VOR	-	104.30300	10,668 m		
FJC	-	29.92830	35,000 ft	0	FUJIACHANG VOR-DME
DME	-	104.30500	10,668 m		
ZYG	-	30.11500	35,000 ft	22	ZIYANG VOR-DME
DME	-	104.67700	10,668 m		
XYO	B330	28.17170	35,000 ft	123	XUYONG
VOR	AWY-HI	105.42000	10,668 m		
UKEGO	B330	28.00000	35,000 ft	11	-
FIX	AWY-HI	105.51300	10,668 m		
IDSEG	B330	27.68000	35,000 ft	21	-
FIX	AWY-HI	105.68700	10,668 m		
QNX	B330	27.04170	35,000 ft	42	QIANXI
VOR	AWY-HI	106.03000	10,668 m		
KWE	B330	26.52330	35,000 ft	51	GUIYANG
VOR	AWY-HI	106.79500	10,668 m		
KAGRA	B330	26.45670	35,000 ft	13	-
FIX	AWY-HI	107.04000	10,668 m		
ESNIB	B330	26.23500	35,000 ft	47	-
FIX	AWY-HI	107.88000	10,668 m		
ELKAL	B330	26.09670	35,000 ft	29	-
FIX	AWY-HI	108.39700	10,668 m		
AKNAV	B330	26.01000	35,000 ft	18	-
FIX	AWY-HI	108.72700	10,668 m		
SJG	B330	25.77670	35,000 ft	49	SANJIANG
VOR	AWY-HI	109.61000	10,668 m		
MAMSI	B330	25.20500	35,000 ft	47	-
FIX	AWY-HI	110.21200	10,668 m		
QP	B330	24.67000	35,000 ft	44	ERTANG
NDB	AWY-HI	110.77700	10,668 m		
MUBEL	B330	24.21000	31,000 ft	38	-
FIX	AWY-HI	111.27000	9,449 m		
GYA	B330	23.07000	10,400 ft	95	GAOYAO
VOR	AWY-HI	112.48700	3,170 m		
ZGGG	-	23.39040	0 ft	48	Guangzhou Baiyun Intl.
APT	-	113.30300	0 m		

## HECA

Region: EGYPT  
Timezone: AFRICA/CAIRO  
Runways: 3

Elevation: 466 ft / 142 m  
Location: 30.111400 31.413900  
Magnetic Var: 4.950 E

## METAR

HECA 052230Z 30009KT CAVOK 19/11 Q1012 NOSIG

## TAF

TAF HECA 051700Z 0518/0624 29010KT 9999 SCT020

## Frequencies

REC - 122.60 MHz - ATIS  
GND - 121.90 MHz - CAIRO GROUND NORTH  
APP - 119.05 MHz - CAIRO APPROACH  
GND - 120.40 MHz - CAIRO GROUND SOUTH  
TWR - 118.10 MHz - CAIRO TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	197 ft	13,135 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,004 m	44.09		0 m	66 m
23L	197 ft	13,135 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,004 m	224.10		0 m	69 m
05C	197 ft	13,132 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,003 m	44.09		0 m	66 m
23C	197 ft	13,132 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,003 m	224.10		0 m	69 m
05L	197 ft	10,840 ft	49.29	ASPHALT	0 ft	184 ft
	60 m	3,304 m	44.34		0 m	56 m
23R	197 ft	10,840 ft	229.30	ASPHALT	0 ft	184 ft
	60 m	3,304 m	224.35		0 m	56 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	CRL	110.90 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05R	DME	IROT	109.90 MHz	18 nm	-	-	430 ft
				33 km	-		430 m
23L	DME	ILOT	109.50 MHz	18 nm	-	-	420 ft
				33 km	-		420 m
23R	DME	CRR	110.30 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05L	LOC-ILS	IZFL	110.90 MHz	18 nm	49.30	-	466 ft
				33 km	44.35		466 m
05C	LOC-ILS	IZFC	109.90 MHz	18 nm	49.04	-	466 ft
				33 km	44.09		466 m
05R	LOC-ILS	IZFR	108.90 MHz	18 nm	49.05	-	466 ft
				33 km	44.10		466 m
23L	LOC-ILS	ITTL	108.70 MHz	18 nm	229.05	-	466 ft
				33 km	224.10		466 m
23C	LOC-ILS	ITTC	109.50 MHz	18 nm	229.04	-	466 ft
				33 km	224.09		466 m
23R	LOC-ILS	ITTR	110.30 MHz	18 nm	229.30	-	466 ft

Runway	Type	Ident	Frequency	Range		Bearing (true) (mag)	Slope	Elevation
				33 km				
05L	GS	IZFL	110.90 MHz	10 nm		49.30	3.00	466 ft
				19 km		44.35		466 m
05C	GS	IZFC	109.90 MHz	10 nm		49.04	3.00	466 ft
				19 km		44.09		466 m
05R	GS	IZFR	108.90 MHz	10 nm		49.05	3.00	466 ft
				19 km		44.10		466 m
23L	GS	ITTL	108.70 MHz	10 nm		229.05	3.00	466 ft
				19 km		224.10		466 m
23C	GS	ITTC	109.50 MHz	10 nm		229.04	3.00	466 ft
				19 km		224.09		466 m
23R	GS	ITTR	110.30 MHz	10 nm		229.30	3.00	466 ft
				19 km		224.35		466 m



## ZGGG

Region: CHINA  
Timezone: ASIA/SHANGHAI  
Runways: 3

Elevation: 50 ft / 15 m  
Location: 23.390400 113.303000  
Magnetic Var: 3.297 W

## METAR

ZGGG 052230Z 06001MPS 4000 BR BKN020 24/24 Q1012 NOSIG

## TAF

TAF ZGGG 051504Z 0518/0618 08003MPS 6000 BKN033 TX30/0607Z TN23/0522Z BECMG 0521/0522 2000 BR BECMG 0523/0524 6000

## Frequencies

REC - 128.60 MHz - ATIS	REC - 127.00 MHz - ATIS
CLD - 121.95 MHz - CLEARANCE DELIVERY	GND - 121.75 MHz - BAIYUN GROUND
GND - 121.85 MHz - BAIYUN GROUND	GND - 121.77 MHz - BAIYUN APRON
GND - 121.97 MHz - BAIYUN APRON	GND - 121.82 MHz - BAIYUN APRON
TWR - 118.10 MHz - BAIYUN TOWER	TWR - 118.80 MHz - BAIYUN TOWER
TWR - 118.25 MHz - BAIYUN TOWER	DEP - 119.70 MHz - GUANGZHOU DEPARTURE
APP - 126.55 MHz - GUANGZHOU APPROACH	APP - 126.35 MHz - GUANGZHOU APPROACH
APP - 121.05 MHz - GUANGZHOU APPROACH	APP - 120.40 MHz - GUANGZHOU APPROACH
APP - 121.17 MHz - GUANGZHOU APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02R	197 ft	12,518 ft	13.92	CONCRETE	0 ft	387 ft
	60 m	3,815 m	17.22		0 m	118 m
20L	197 ft	12,518 ft	193.92	CONCRETE	0 ft	390 ft
	60 m	3,815 m	197.22		0 m	119 m
02L	197 ft	12,522 ft	13.91	CONCRETE	0 ft	394 ft
	60 m	3,817 m	17.21		0 m	120 m
20R	197 ft	12,522 ft	193.91	CONCRETE	650 ft	400 ft
	60 m	3,817 m	197.21		198 m	122 m
01	148 ft	11,860 ft	13.91	CONCRETE	0 ft	397 ft
	45 m	3,615 m	17.20		0 m	121 m
19	148 ft	11,860 ft	193.91	CONCRETE	0 ft	400 ft
	45 m	3,615 m	197.21		0 m	122 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02L	DME	IOO	109.30 MHz	18 nm	-	-	59 ft
				33 km	-		59 m
02R	DME	IBB	110.90 MHz	18 nm	-	-	64 ft
				33 km	-		64 m
20L	DME	IAA	110.30 MHz	18 nm	-	-	64 ft
				33 km	-		64 m
20R	DME	IPP	111.50 MHz	18 nm	-	-	50 ft
				33 km	-		50 m
01	LOC-ILS	IOO	109.30 MHz	18 nm	13.91	-	50 ft
				33 km	17.21		50 m
02L	LOC-ILS	IBB	110.90 MHz	18 nm	13.91	-	50 ft
				33 km	17.21		50 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02R	LOC-ILS	IDM	108.50 MHz	18 nm	13.92	-	50 ft
				33 km	17.22		50 m
19	LOC-ILS	IPP	111.50 MHz	18 nm	193.91	-	50 ft
				33 km	197.21		50 m
20L	LOC-ILS	IXL	111.90 MHz	18 nm	193.92	-	50 ft
				33 km	197.22		50 m
20R	LOC-ILS	IAA	110.75 MHz	18 nm	193.91	-	50 ft
				33 km	197.21		50 m