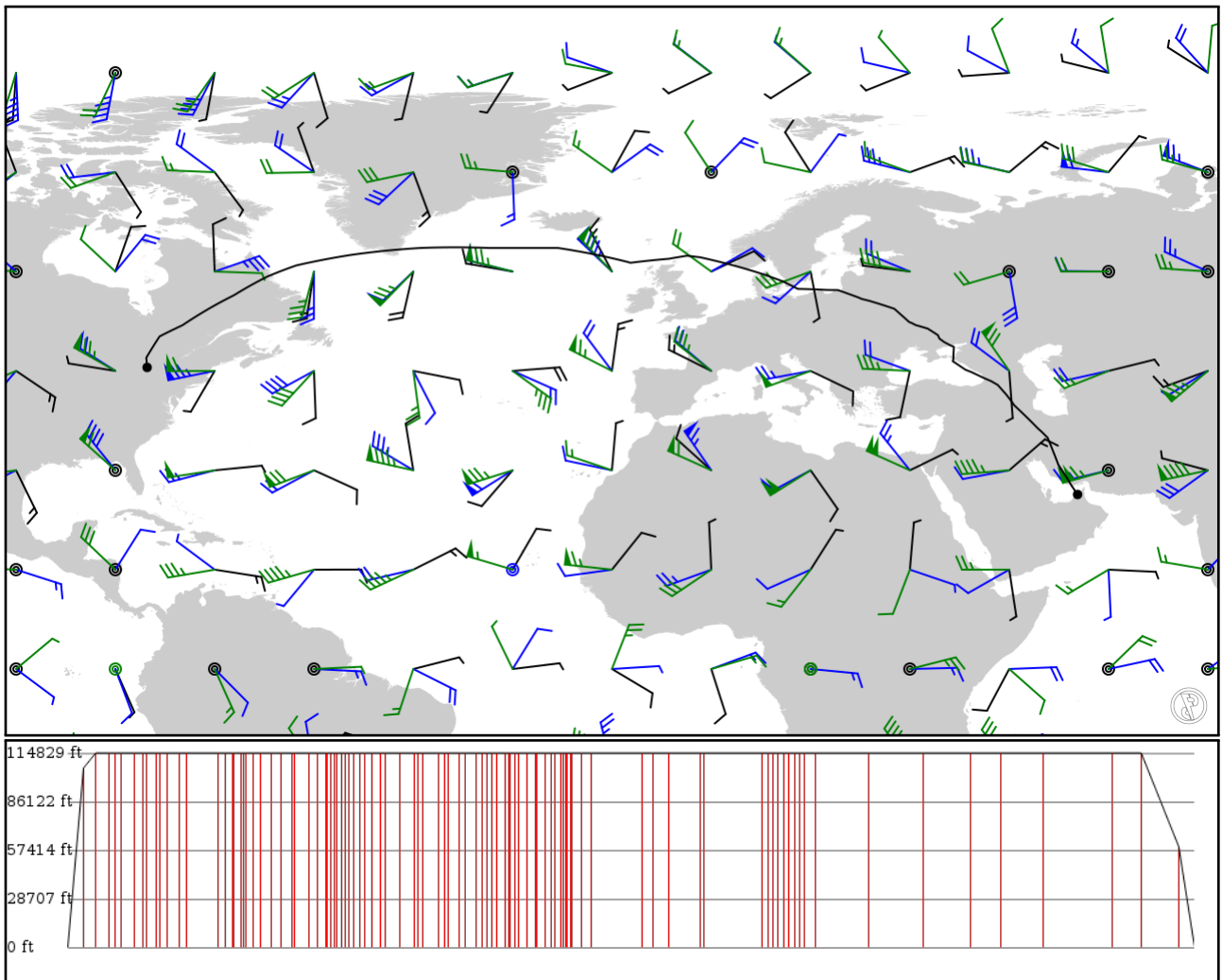


2024/05/03 0329Z

OMDB DENSA **P574** SYZ SYZ **P574** PEKAM **Z1** TBZ TBZ **R661** SIBVU **L125** OGEVI **N77** BANUT **A277** DIBAT **G476**
OLGIN **W617** DNP **W627** PEKIT **A83** VEBIX **P749** BRP **P987** BORAT **L33** BABUN **L32** GOLAD **G720** KRD **B120** RANOK
L983 ROE **L621** AAL AAL **P990** ORVIK **UM125** SUM **UN584** BAMRA **UN593** NINEX BALIX **A** 61/20 6100N02100W
6100N02200W 6100N02300W 6100N02400W 6100N02500W 6100N02600W 6100N02700W 6100N02800W 61/30 **C**
URTAK **N746A** ALSOP **N732A** MT **J545** YVO **Q820** KAPUX CYYZ

6194.22 nm / 11471.70 km



Notes

Using NAT tracks from 8/3/2024

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
OMDB	-	25.25110	0 ft	-	Dubai Intl
APT	-	55.37110	0 m	-	
DENSA	-	26.53280	32,300 ft	90	-
FIX	-	54.48890	9,845 m	-	
ROTAL	P574	27.54470	35,000 ft	68	-
FIX	AWY-HI	53.88890	10,668 m	-	
KASOL	P574	28.52970	35,000 ft	67	-
FIX	AWY-HI	53.25920	10,668 m	-	
SITEN	P574	29.03530	35,000 ft	35	-
FIX	AWY-HI	52.92560	10,668 m	-	
SYZ	P574	29.54020	35,000 ft	35	SHIRAZ
VOR	AWY-HI	52.58880	10,668 m	-	
SYZ	-	29.54220	35,000 ft	0	SHIRAZ SHAHID DASTGHAIB TACAN
DME	-	52.58430	10,668 m	-	
ASNIT	P574	30.64830	35,000 ft	69	-
FIX	AWY-HI	52.16330	10,668 m	-	
OBTUX	P574	31.37780	35,000 ft	46	-
FIX	AWY-HI	51.87640	10,668 m	-	
LOXAK	P574	31.74830	35,000 ft	23	-
FIX	AWY-HI	51.72890	10,668 m	-	
EGPAT	P574	32.55830	35,000 ft	51	-
FIX	AWY-HI	51.40250	10,668 m	-	
IMRAG	P574	32.86170	35,000 ft	19	-
FIX	AWY-HI	51.27860	10,668 m	-	
PEKAM	P574	33.48440	35,000 ft	39	-
FIX	AWY-HI	51.02170	10,668 m	-	
DEKBA	Z1	34.36250	35,000 ft	68	-
FIX	AWY-HI	50.14220	10,668 m	-	
DAXIL	Z1	34.85970	35,000 ft	40	-
FIX	AWY-HI	49.58170	10,668 m	-	
AMBEX	Z1	37.06560	35,000 ft	170	-
FIX	AWY-HI	47.36190	10,668 m	-	
SISIL	Z1	37.57830	35,000 ft	40	-
FIX	AWY-HI	46.82280	10,668 m	-	
TBZ	Z1	38.13910	35,000 ft	43	TABRIZ VORTAC
DME	AWY-HI	46.23090	10,668 m	-	
TBZ	-	38.14820	35,000 ft	1	TABRIZ
VOR	-	46.21270	10,668 m	-	
SIBVU	R661	38.74560	35,000 ft	41	-
FIX	AWY-HI	45.78250	10,668 m	-	
RABDI	L125	38.80110	35,000 ft	3	-
FIX	AWY-HI	45.74190	10,668 m	-	
DULAV	L125	38.95000	35,000 ft	10	-
FIX	AWY-HI	45.63330	10,668 m	-	
NAX	L125	39.20160	35,000 ft	17	NAKHCHIVAN
VOR	AWY-HI	45.44090	10,668 m	-	
NEGAN	L125	39.75500	35,000 ft	38	-
FIX	AWY-HI	45.01000	10,668 m	-	
REBGI	L125	40.24330	35,000 ft	35	-
FIX	AWY-HI	44.57750	10,668 m	-	
OGEVI	L125	41.13470	35,000 ft	64	-
FIX	AWY-HI	43.78690	10,668 m	-	
TETRO	N77	41.67250	35,000 ft	52	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	42.85970	10,668 m		
IBERI	N77	42.16080	35,000 ft	58	-
FIX	AWY-HI	41.72170	10,668 m		
ALIKA	N77	42.25250	35,000 ft	9	-
FIX	AWY-HI	41.53470	10,668 m		
BANUT	N77	42.99000	35,000 ft	81	-
FIX	AWY-HI	39.98330	10,668 m		
LAMET	A277	43.34970	35,000 ft	44	-
FIX	AWY-LO	39.08860	10,668 m		
BAKRI	A277	43.89810	35,000 ft	48	-
FIX	AWY-HI	38.28170	10,668 m		
ARKUT	A277	44.02640	35,000 ft	11	-
FIX	AWY-HI	38.09170	10,668 m		
LIMAS	A277	44.20810	35,000 ft	16	-
FIX	AWY-HI	37.82000	10,668 m		
NALUD	A277	44.47970	35,000 ft	24	-
FIX	AWY-HI	37.40360	10,668 m		
DIBAT	A277	44.57310	35,000 ft	8	-
FIX	AWY-HI	37.25830	10,668 m		
ANAKA	G476	45.00220	35,000 ft	26	-
FIX	AWY-HI	37.34720	10,668 m		
SORUL	G476	45.38310	35,000 ft	22	-
FIX	AWY-HI	37.34830	10,668 m		
RIDLA	G476	45.74970	35,000 ft	22	-
FIX	AWY-HI	37.36500	10,668 m		
PATUM	G476	46.09970	35,000 ft	21	-
FIX	AWY-HI	37.38670	10,668 m		
OLGIN	G476	46.65830	35,000 ft	33	-
FIX	AWY-HI	37.42170	10,668 m		
ELBAM	W617	46.91110	35,000 ft	28	-
FIX	AWY-LO	36.84560	10,668 m		
SOMON	W617	47.37000	35,000 ft	44	-
FIX	AWY-LO	35.99170	10,668 m		
RUBES	W617	47.86670	35,000 ft	40	-
FIX	AWY-LO	35.31670	10,668 m		
DNP	W617	48.35980	35,000 ft	30	DNIPRO
VOR	AWY-LO	35.10310	10,668 m		
PEKIT	W627	49.31330	35,000 ft	82	-
FIX	AWY-LO	33.61670	10,668 m		
VEBIX	A83	49.82610	35,000 ft	75	-
FIX	AWY-HI	31.85250	10,668 m		
CY	P749	50.06830	35,000 ft	22	CHERVONYI
NDB	AWY-LO	31.39220	10,668 m		
BRP	P749	50.28570	35,000 ft	22	BORYSPIL (KYIV)
VOR	AWY-HI	30.90100	10,668 m		
BORAT	P987	51.46640	35,000 ft	86	-
FIX	AWY-HI	29.58670	10,668 m		
MAGEP	L33	51.94640	35,000 ft	35	-
FIX	AWY-HI	29.04970	10,668 m		
BABUN	L33	52.18140	35,000 ft	17	-
FIX	AWY-HI	28.78140	10,668 m		
OGARA	L32	52.68970	35,000 ft	64	-
FIX	AWY-HI	27.23810	10,668 m		
GANVI	L32	52.95470	35,000 ft	34	-
FIX	AWY-HI	26.40310	10,668 m		
KOMEN	L32	53.37640	35,000 ft	56	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	25.00310	10,668 m		
GRD	L32	53.60760	35,000 ft	36	HRODNA
VOR	AWY-HI	24.05590	10,668 m		
SOTET	L32	53.82970	35,000 ft	22	-
FIX	AWY-HI	23.55310	10,668 m		
SUW	L32	54.06970	35,000 ft	27	SUWALKI
VOR	AWY-HI	22.90030	10,668 m		
GOLAD	L32	54.33330	35,000 ft	29	-
FIX	AWY-HI	22.17500	10,668 m		
NEDRA	G720	54.70000	35,000 ft	42	-
FIX	AWY-HI	21.14500	10,668 m		
KRD	G720	54.89330	35,000 ft	22	KHRABROVO
VOR	AWY-HI	20.59960	10,668 m		
IRBAD	B120	54.89580	35,000 ft	10	-
FIX	AWY-HI	20.30920	10,668 m		
TARUN	B120	54.90000	35,000 ft	24	-
FIX	AWY-HI	19.60000	10,668 m		
RANOK	B120	54.91280	35,000 ft	22	-
FIX	AWY-HI	18.95830	10,668 m		
DOMAG	L983	54.97440	35,000 ft	44	-
FIX	AWY-HI	17.68560	10,668 m		
GIVAR	L983	55.02640	35,000 ft	47	-
FIX	AWY-HI	16.30220	10,668 m		
RUMAR	L983	55.03350	35,000 ft	7	-
FIX	AWY-HI	16.07090	10,668 m		
ROE	L983	55.06560	35,000 ft	45	RONNE
VOR	AWY-HI	14.75870	10,668 m		
ELVIX	L621	55.41190	35,000 ft	30	-
FIX	AWY-HI	14.09420	10,668 m		
MAXUM	L621	55.66130	35,000 ft	22	-
FIX	AWY-HI	13.60400	10,668 m		
INRER	L621	56.05270	35,000 ft	35	-
FIX	AWY-HI	12.81370	10,668 m		
SVD	L621	56.16890	35,000 ft	10	SVEDA VOR-DME
DME	AWY-HI	12.57380	10,668 m		
KULUD	L621	56.26060	35,000 ft	9	-
FIX	AWY-HI	12.33310	10,668 m		
ROKAM	L621	56.31690	35,000 ft	6	-
FIX	AWY-HI	12.18330	10,668 m		
MADAG	L621	56.38060	35,000 ft	6	-
FIX	AWY-HI	12.01360	10,668 m		
NORTI	L621	56.52440	35,000 ft	15	-
FIX	AWY-HI	11.62560	10,668 m		
LAPMA	L621	56.62580	35,000 ft	11	-
FIX	AWY-HI	11.34750	10,668 m		
AAL	L621	57.10370	35,000 ft	52	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		
KOVIK	P990	57.55970	35,000 ft	53	-
FIX	AWY-HI	8.57414	10,668 m		
ORVIK	P990	59.63830	35,000 ft	276	-
FIX	AWY-HI	0.66907	10,668 m		
SUM	UM125	59.87880	35,000 ft	60	SUMBURGH
VOR	AWY-HI	-1.28653	10,668 m		
BAMRA	UN584	59.43330	35,000 ft	85	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-3.95278	10,668 m		
NINEX	UN593	58.85560	35,000 ft	174	-
FIX	AWY-HI	-9.50000	10,668 m		
BALIX	-	59.00000	35,000 ft	17	-
FIX	-	-10.00000	10,668 m		
61/20	A	61.00000	35,000 ft	323	-
LATLON	NAT	-20.00000	10,668 m		
6100N02100W	-	61.00000	35,000 ft	29	-
LATLON	-	-21.00000	10,668 m		
6100N02200W	-	61.00000	35,000 ft	29	-
LATLON	-	-22.00000	10,668 m		
6100N02300W	-	61.00000	35,000 ft	29	-
LATLON	-	-23.00000	10,668 m		
6100N02400W	-	61.00000	35,000 ft	29	-
LATLON	-	-24.00000	10,668 m		
6100N02500W	-	61.00000	35,000 ft	29	-
LATLON	-	-25.00000	10,668 m		
6100N02600W	-	61.00000	35,000 ft	29	-
LATLON	-	-26.00000	10,668 m		
6100N02700W	-	61.00000	35,000 ft	29	-
LATLON	-	-27.00000	10,668 m		
6100N02800W	-	61.00000	35,000 ft	29	-
LATLON	-	-28.00000	10,668 m		
61/30	-	61.00000	35,000 ft	58	-
LATLON	-	-30.00000	10,668 m		
61/40	C	61.00000	35,000 ft	290	-
LATLON	NAT	-40.00000	10,668 m		
60/50	C	60.00000	35,000 ft	301	-
LATLON	NAT	-50.00000	10,668 m		
URTAK	C	58.46670	35,000 ft	262	-
FIX	NAT	-58.00000	10,668 m		
ALSOP	N746A	56.86670	35,000 ft	164	-
FIX	AWY-HI	-62.16670	10,668 m		
JOVIE	N732A	54.16670	35,000 ft	230	-
FIX	AWY-HI	-67.00000	10,668 m		
MT	N732A	49.79960	35,000 ft	381	CHIBOO (CHIBOUGAMAU)
NDB	AWY-HI	-74.49550	10,668 m		
YVO	J545	48.17530	35,000 ft	163	VAL-D'OR
VOR	AWY-HI	-77.82030	10,668 m		
KAPUX	Q820	45.08000	18,100 ft	202	-
FIX	AWY-HI	-79.75000	5,517 m		
CYYZ	-	43.67610	0 ft	84	Toronto Pearson Intl
APT	-	-79.62770	0 m		

OMDB

Region: UNITED ARAB EMIRATES
Timezone: ASIA/DUBAI
Runways: 2

Elevation: 62 ft / 19 m
Location: 25.251100 55.371100
Magnetic Var: 2.351 E

METAR

OMDB 030300Z 20008KT 9999 FEW045 25/21 Q1008 NOSIG

TAF

TAF OMDB 022300Z 0300/0406 20008KT 9999 FEW035 BECMG 0306/0308 29014KT BECMG 0316/0318 16005KT

Frequencies

REC - 126.27 MHz - ATIS ARRIVAL	REC - 131.70 MHz - ATIS DEPARTURE
TWR - 126.77 MHz - DUBAI TOWER	TWR - 119.55 MHz - DUBAI TOWER
TWR - 118.75 MHz - DUBAI TOWER	TWR - 119.05 MHz - DUBAI TOWER
GND - 118.35 MHz - DUBAI GROUND	GND - 118.85 MHz - DUBAI GROUND
GND - 121.65 MHz - DUBAI GROUND	CLD - 120.35 MHz - CLEARANCE DELIVERY
APP - 122.50 MHz - MINHAD APPROACH	APP - 126.02 MHz - MINHAD APPROACH
APP - 120.25 MHz - DUBAI ARRIVAL	APP - 124.45 MHz - DUBAI ARRIVAL
APP - 124.90 MHz - DUBAI ARRIVAL	DEP - 126.02 MHz - DUBAI DEPARTURE
DEP - 121.02 MHz - DUBAI DEPARTURE	DEP - 126.20 MHz - DUBAI DEPARTURE
DEP - 120.25 MHz - DUBAI DEPARTURE	APP - 120.40 MHz - DUBAI RADAR
APP - 126.02 MHz - DUBAI RADAR	APP - 127.90 MHz - DUBAI DIRECT

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
12R	200 ft	14,604 ft	121.53	ASPHALT	2,352 ft	771 ft
	61 m	4,452 m	119.18		717 m	235 m
30L	200 ft	14,604 ft	301.54	ASPHALT	436 ft	0 ft
	61 m	4,452 m	299.19		133 m	0 m
12L	200 ft	14,289 ft	121.48	ASPHALT	1,496 ft	381 ft
	61 m	4,355 m	119.13		456 m	116 m
30R	200 ft	14,289 ft	301.50	ASPHALT	991 ft	377 ft
	61 m	4,355 m	299.15		302 m	115 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	DME	IDBL	110.10 MHz	18 nm	-	-	62 ft
				33 km	-		62 m
30L	DME	IDBW	111.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
30R	DME	IDBR	110.90 MHz	18 nm	-	-	44 ft
				33 km	-		44 m
12L	LOC-ILS	IDBL	110.10 MHz	18 nm	121.49	-	62 ft
				33 km	119.14		62 m
12R	LOC-ILS	IDBE	109.50 MHz	18 nm	121.54	-	62 ft
				33 km	119.19		62 m
30L	LOC-ILS	IDBW	111.30 MHz	18 nm	301.54	-	62 ft
				33 km	299.19		62 m
30R	LOC-ILS	IDBR	110.90 MHz	18 nm	301.49	-	62 ft
				33 km	299.14		62 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12L	GS	IDBL	110.10 MHz	10 nm	121.49	3.00	62 ft
				19 km	119.14		62 m
12R	GS	IDBE	109.50 MHz	10 nm	121.54	3.00	62 ft
				19 km	119.19		62 m
30L	GS	IDBW	111.30 MHz	10 nm	301.54	3.00	62 ft
				19 km	299.19		62 m
30R	GS	IDBR	110.90 MHz	10 nm	301.49	3.00	62 ft
				19 km	299.14		62 m

CYYZ

Region: CANADA
Timezone: AMERICA/TORONTO
Runways: 5

Elevation: 564 ft / 172 m
Location: 43.676100 -79.627700
Magnetic Var: 10.261 W

METAR

CYYZ 030300Z 12003KT 15SM SKC 14/07 A3004 RMK SLP176

TAF

TAF TAF CYYZ 030240Z 0303/0406 VRB03KT P6SM FEW025 FM030800 06007KT P6SM SCT110 BKN240 PROB30 0308/0312 2SM BR FM0

Frequencies

TWR - 118.35 MHz - TORONTO TOWER
GND - 119.10 MHz - TORONTO GROUND
GND - 121.90 MHz - TORONTO GROUND
REC - 133.10 MHz - ATIS
APP - 132.80 MHz - TORONTO APPROACH
APP - 125.40 MHz - TORONTO APPROACH
DEP - 127.57 MHz - TORONTO DEPARTURE

TWR - 118.70 MHz - TORONTO TOWER
GND - 121.65 MHz - TORONTO GROUND
REC - 120.82 MHz - ATIS
CLD - 121.30 MHz - CLEARANCE DELIVERY
APP - 124.47 MHz - TORONTO APPROACH
APP - 123.27 MHz - LONDON RADIO
DEP - 128.80 MHz - TORONTO DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06L	197 ft	9,707 ft	46.43	ASPHALT	0 ft	131 ft
	60 m	2,959 m	56.69		0 m	40 m
24R	197 ft	9,707 ft	226.45	ASPHALT	194 ft	98 ft
	60 m	2,959 m	236.71		59 m	30 m
06R	197 ft	9,007 ft	46.43	ASPHALT	0 ft	95 ft
	60 m	2,745 m	56.69		0 m	29 m
24L	197 ft	9,007 ft	226.45	ASPHALT	0 ft	95 ft
	60 m	2,745 m	236.71		0 m	29 m
05	197 ft	11,128 ft	46.39	ASPHALT	141 ft	141 ft
	60 m	3,392 m	56.65		43 m	43 m
23	197 ft	11,128 ft	226.41	ASPHALT	492 ft	141 ft
	60 m	3,392 m	236.67		150 m	43 m
15L	197 ft	11,061 ft	136.64	ASPHALT	0 ft	92 ft
	60 m	3,372 m	146.90		0 m	28 m
33R	197 ft	11,061 ft	316.66	ASPHALT	0 ft	89 ft
	60 m	3,372 m	326.92		0 m	27 m
15R	197 ft	9,097 ft	136.62	ASPHALT	597 ft	0 ft
	60 m	2,773 m	146.88		182 m	0 m
33L	197 ft	9,097 ft	316.64	ASPHALT	591 ft	0 ft
	60 m	2,773 m	326.90		180 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
24L	DME	IIDP	111.95 MHz	18 nm	-	-	568 ft
				33 km	-		568 m
24R	DME	INV	109.30 MHz	18 nm	-	-	546 ft
				33 km	-		546 m
05	LOC-ILS	ITX	109.70 MHz	18 nm	46.40	-	564 ft
				33 km	56.66		564 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06L	LOC-ILS	IJS	109.10 MHz	18 nm 33 km	46.44 56.70	-	564 ft 564 m
06R	LOC-ILS	ICV	111.95 MHz	18 nm 33 km	46.44 56.70	-	564 ft 564 m
15L	LOC-ILS	IRW	110.50 MHz	18 nm 33 km	136.65 146.91	-	564 ft 564 m
15R	LOC-ILS	ILP	110.95 MHz	18 nm 33 km	136.63 146.89	-	564 ft 564 m
23	LOC-ILS	IYZ	111.50 MHz	18 nm 33 km	226.40 236.66	-	564 ft 564 m
24L	LOC-ILS	IDP	111.95 MHz	18 nm 33 km	226.44 236.70	-	564 ft 564 m
24R	LOC-ILS	INV	109.30 MHz	18 nm 33 km	226.44 236.70	-	564 ft 564 m
33L	LOC-ILS	ITO	110.95 MHz	18 nm 33 km	316.63 326.89	-	564 ft 564 m
33R	LOC-ILS	ILE	110.30 MHz	18 nm 33 km	316.65 326.91	-	564 ft 564 m
05	GS	ITX	109.70 MHz	10 nm 19 km	46.40 56.66	3.00	564 ft 564 m
06L	GS	IJS	109.10 MHz	10 nm 19 km	46.44 56.70	3.00	564 ft 564 m
06R	GS	ICV	111.95 MHz	10 nm 19 km	46.44 56.70	3.00	564 ft 564 m
15L	GS	IRW	110.50 MHz	10 nm 19 km	136.65 146.91	3.00	564 ft 564 m
15R	GS	ILP	110.95 MHz	10 nm 19 km	136.63 146.89	3.00	564 ft 564 m
23	GS	IYZ	111.50 MHz	10 nm 19 km	226.40 236.66	3.00	564 ft 564 m
24L	GS	IIDP	111.95 MHz	10 nm 19 km	226.44 236.70	3.00	564 ft 564 m
24R	GS	INV	109.30 MHz	10 nm 19 km	226.44 236.70	3.00	564 ft 564 m
33L	GS	ITO	110.95 MHz	10 nm 19 km	316.63 326.89	3.00	564 ft 564 m
33R	GS	ILE	110.30 MHz	10 nm 19 km	316.65 326.91	3.00	564 ft 564 m