

WSSS

Singapore Changi Intl. Airport

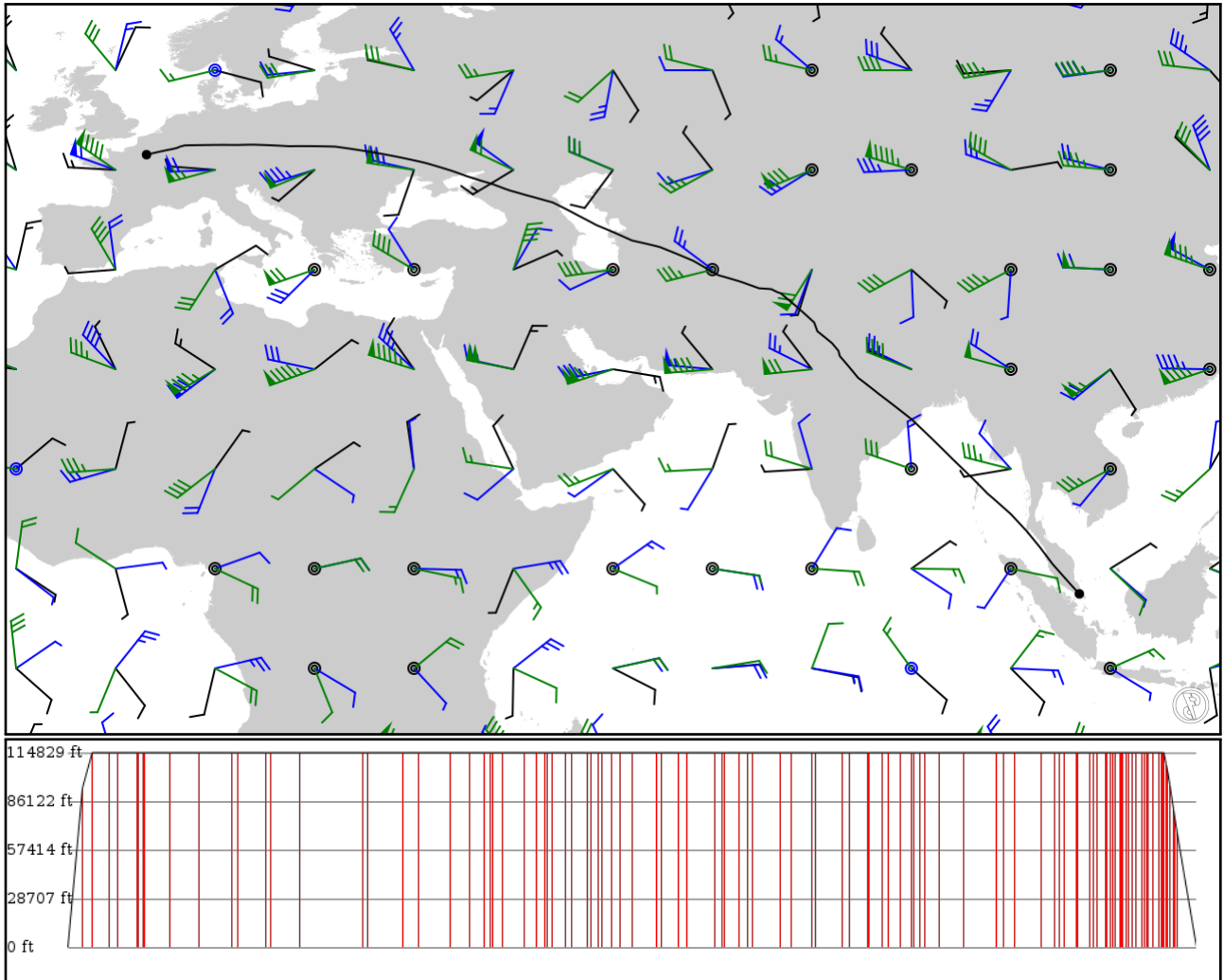
LFPG

Paris Charles De Gaulle

2024/05/03 0332Z

WSSS DAMAL R325 VIH W531 VPL B579 PUT L759 AGG L760 DPN W31E ELKUX A466 SAMAR LA J161 PS KOTAL
A455 RAMSO A453 MURAD M696 LEMOD N644 BIBIM B450 TESMI B494 OLGIN UM991 NM B493 KOROP UL984 ADOKI
L984 SKAVI UL984 PADKA L984 SOPAV UL984 OKL L984 PIGMI UL984 BOMBI L984 FFM UL984 NOSPA UN858
BITBU Y180 DIK J910 IDOSA UN857 RAPOR J115 RENZA LFPG

5857.34 nm / 10847.80 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
WSSS APT	-	1.35192 103.99560	0 ft 0 m	-	Singapore Changi Intl. Airport
DAMAL FIX	-	2.33194 103.08667	28,600 ft 8,717 m	80	-
LATUK FIX	R325 AWY-LO	2.92111 102.56278	35,000 ft 10,668 m	47	-
ANSOM FIX	R325 AWY-LO	4.07333 101.53861	35,000 ft 10,668 m	92	-
VIH VOR	R325 AWY-LO	4.57303 101.09361	35,000 ft 10,668 m	40	IPOH VOR-DME
VILAT FIX	W531 AWY-LO	5.89111 100.09917	35,000 ft 10,668 m	99	-
ANDOK FIX	W531 AWY-LO	6.02222 100.00000	35,000 ft 10,668 m	9	-
VPL VOR	W531 AWY-LO	6.35542 99.74739	35,000 ft 10,668 m	25	LANGKAWI VOR-DME
DALAN FIX	B579 AWY-LO	6.46889 99.65556	35,000 ft 10,668 m	8	-
PUT VOR	B579 AWY-LO	8.11523 98.30630	35,000 ft 10,668 m	127	PHUKET VOR-DME
TAVUN FIX	L759 AWY-LO	10.00000 96.55333	35,000 ft 10,668 m	153	-
MIPAK FIX	L759 AWY-LO	11.89194 94.41667	35,000 ft 10,668 m	169	-
LADER FIX	L759 AWY-LO	12.20000 94.04167	35,000 ft 10,668 m	28	-
NISUN FIX	L759 AWY-LO	13.93478 92.33033	35,000 ft 10,668 m	144	-
LIBDI FIX	L759 AWY-LO	14.25142 91.99703	35,000 ft 10,668 m	27	-
MABUR FIX	L759 AWY-LO	16.01667 90.16833	35,000 ft 10,668 m	149	-
LEMEX FIX	L759 AWY-LO	19.90925 86.15600	35,000 ft 10,668 m	327	-
BBS VOR	L759 AWY-LO	20.24478 85.81131	35,000 ft 10,668 m	28	BHUBANESHWAR VOR-DME
OTABA FIX	L759 AWY-LO	22.18403 83.32300	35,000 ft 10,668 m	181	-
IBUDA FIX	L759 AWY-LO	23.06728 82.16481	35,000 ft 10,668 m	83	-
KKJ VOR	L759 AWY-LO	24.81487 79.91868	35,000 ft 10,668 m	161	KHAJURAHO VOR-DME
NOBOM FIX	L759 AWY-LO	26.15028 78.81519	35,000 ft 10,668 m	100	-
AGG VOR	L759 AWY-LO	27.15075 77.94753	35,000 ft 10,668 m	76	AGRA VOR-DME
GURTI FIX	L760 AWY-LO	27.72931 77.79450	35,000 ft 10,668 m	35	-
ITBAN FIX	L760 AWY-LO	27.82872 77.71321	35,000 ft 10,668 m	7	-
DPN VOR	L760 AWY-LO	28.56672 77.09486	35,000 ft 10,668 m	55	DELHI VOR-DME
ELKUX	W31E	29.84158	35,000 ft	112	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	75.51145	10,668 m		
ASARI	A466	30.80425	35,000 ft	60	-
FIX	AWY-LO	75.15871	10,668 m		
SAMAR	A466	31.34667	35,000 ft	44	-
FIX	AWY-LO	74.56583	10,668 m		
LA	-	31.49972	35,000 ft	12	LAHORE VOR-DME
VOR	-	74.40002	10,668 m		
SARPO	J161	31.81333	35,000 ft	26	-
FIX	AWY-LO	74.04778	10,668 m		
CADIZ	J161	32.63667	35,000 ft	68	-
FIX	AWY-LO	73.11611	10,668 m		
BALKA	J161	32.98833	35,000 ft	29	-
FIX	AWY-LO	72.69611	10,668 m		
PS	J161	33.97537	35,000 ft	83	PESHAWAR VOR-DME
VOR	AWY-LO	71.51716	10,668 m		
KOTAL	-	34.09972	35,000 ft	19	-
FIX	-	71.14944	10,668 m		
RAMSO	A455	34.43000	35,000 ft	38	-
FIX	AWY-LO	70.47500	10,668 m		
MIXEL	A453	34.45529	35,000 ft	19	-
FIX	AWY-LO	70.08185	10,668 m		
MURAD	A453	34.51667	35,000 ft	46	-
FIX	AWY-LO	69.15000	10,668 m		
VUSAR	M696	34.83950	35,000 ft	48	-
FIX	AWY-LO	68.25777	10,668 m		
SERGO	M696	35.24028	35,000 ft	60	-
FIX	AWY-LO	67.12167	10,668 m		
RESOT	M696	35.92500	35,000 ft	121	-
FIX	AWY-LO	64.77000	10,668 m		
LEMOD	M696	36.16667	35,000 ft	27	-
FIX	AWY-LO	64.29167	10,668 m		
KENAL	N644	37.05667	35,000 ft	90	-
FIX	AWY-LO	62.77833	10,668 m		
MEKOL	N644	37.50000	35,000 ft	45	-
FIX	AWY-LO	62.00000	10,668 m		
ABDAN	N644	38.59500	35,000 ft	140	-
FIX	AWY-LO	59.36667	10,668 m		
BODBA	N644	38.88667	35,000 ft	38	-
FIX	AWY-LO	58.62833	10,668 m		
TABIP	N644	39.00000	35,000 ft	15	-
FIX	AWY-LO	58.33333	10,668 m		
KEKAL	N644	39.36833	35,000 ft	74	-
FIX	AWY-LO	56.80833	10,668 m		
ABEKO	N644	39.57500	35,000 ft	43	-
FIX	AWY-LO	55.89833	10,668 m		
BIBIM	N644	39.69500	35,000 ft	25	-
FIX	AWY-LO	55.35833	10,668 m		
TABAB	B450	40.90333	35,000 ft	145	-
FIX	AWY-LO	52.60833	10,668 m		
MARAL	B450	41.36000	35,000 ft	57	-
FIX	AWY-LO	51.50000	10,668 m		
LASKA	B450	42.38500	35,000 ft	106	-
FIX	AWY-LO	49.55333	10,668 m		
OLMAT	B450	42.52806	35,000 ft	14	-
FIX	AWY-LO	49.28361	10,668 m		
KZ	B450	43.83472	35,000 ft	137	KIZLYAR NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-LO	46.71389	10,668 m		
IBOLI	B450	44.06500	35,000 ft	39	-
FIX	AWY-LO	45.87000	10,668 m		
TONSO	B450	44.63500	35,000 ft	95	-
FIX	AWY-LO	43.78333	10,668 m		
LASON	B450	44.69000	35,000 ft	8	-
FIX	AWY-LO	43.59167	10,668 m		
TESMI	B450	45.10917	35,000 ft	67	-
FIX	AWY-LO	42.11250	10,668 m		
LEGNA	B494	45.32139	35,000 ft	28	-
FIX	AWY-LO	41.50500	10,668 m		
UH	B494	45.85194	35,000 ft	67	TIKHORETSK NDB
NDB	AWY-LO	40.09000	10,668 m		
INSER	B494	46.18139	35,000 ft	51	-
FIX	AWY-LO	38.95833	10,668 m		
UBARO	B494	46.26667	35,000 ft	12	-
FIX	AWY-LO	38.68500	10,668 m		
RAMKA	B494	46.49667	35,000 ft	33	-
FIX	AWY-LO	37.95000	10,668 m		
OLGIN	B494	46.65833	35,000 ft	23	-
FIX	AWY-LO	37.42167	10,668 m		
RASPU	UM991	47.24646	35,000 ft	75	-
FIX	AWY-HI	35.78839	10,668 m		
REPLI	UM991	48.11810	35,000 ft	128	-
FIX	AWY-HI	32.88666	10,668 m		
NM	UM991	48.96639	35,000 ft	168	NEMYRIV NDB
NDB	AWY-HI	28.84826	10,668 m		
KOROP	B493	49.14971	35,000 ft	41	-
FIX	AWY-LO	27.84324	10,668 m		
NALAD	UL984	49.38803	35,000 ft	56	-
FIX	AWY-HI	26.44989	10,668 m		
DIBED	UL984	49.88833	35,000 ft	135	-
FIX	AWY-HI	23.05833	10,668 m		
LUXAR	UL984	49.93000	35,000 ft	72	-
FIX	AWY-HI	21.17528	10,668 m		
ADOKI	UL984	49.93583	35,000 ft	20	-
FIX	AWY-HI	20.64583	10,668 m		
SKAVI	L984	49.94028	35,000 ft	28	-
FIX	AWY-LO	19.90000	10,668 m		
PADKA	UL984	49.93388	35,000 ft	62	-
FIX	AWY-HI	18.28327	10,668 m		
SOPAV	L984	49.93092	35,000 ft	8	-
FIX	AWY-LO	18.05238	10,668 m		
VAMBO	UL984	50.01708	35,000 ft	62	-
FIX	AWY-HI	16.43003	10,668 m		
DOBIL	UL984	50.03869	35,000 ft	19	-
FIX	AWY-HI	15.93739	10,668 m		
PEMUR	UL984	50.05467	35,000 ft	15	-
FIX	AWY-HI	15.53824	10,668 m		
LETNA	UL984	50.09203	35,000 ft	43	-
FIX	AWY-HI	14.42218	10,668 m		
OKL	UL984	50.09648	35,000 ft	6	PRAHA VOR-DME
VOR	AWY-HI	14.26281	10,668 m		
RAK	L984	50.09706	35,000 ft	22	RAKOVNIK NDB
NDB	AWY-LO	13.69072	10,668 m		
BALTU	L984	50.08946	35,000 ft	14	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	13.32652	10,668 m		
DONAD	L984	50.08081	35,000 ft	12	-
FIX	AWY-LO	13.00000	10,668 m		
OKG	L984	50.06515	35,000 ft	22	CHEB VOR-DME
VOR	AWY-LO	12.40574	10,668 m		
OKG06	L984	50.06763	35,000 ft	5	-
FIX	AWY-LO	12.26397	10,668 m		
ABERU	L984	50.06936	35,000 ft	9	-
FIX	AWY-LO	12.02787	10,668 m		
KULOK	L984	50.07278	35,000 ft	15	-
FIX	AWY-LO	11.63056	10,668 m		
LONLI	L984	50.07472	35,000 ft	15	-
FIX	AWY-LO	11.22639	10,668 m		
SULUS	L984	50.07528	35,000 ft	19	-
FIX	AWY-LO	10.72889	10,668 m		
PIGMI	L984	50.07389	35,000 ft	15	-
FIX	AWY-LO	10.32306	10,668 m		
LOHRE	UL984	50.06694	35,000 ft	32	-
FIX	AWY-HI	9.48639	10,668 m		
ESATI	UL984	50.06306	35,000 ft	11	-
FIX	AWY-HI	9.19000	10,668 m		
BOMBI	UL984	50.05667	35,000 ft	15	-
FIX	AWY-HI	8.80028	10,668 m		
FFM	L984	50.05374	35,000 ft	6	FRANKFURT VORTAC
VOR	AWY-LO	8.63709	10,668 m		
RUDUS	UL984	50.04750	35,000 ft	21	-
FIX	AWY-HI	8.07833	10,668 m		
OBIGA	UL984	50.03083	35,000 ft	36	-
FIX	AWY-HI	7.13833	10,668 m		
ADENU	UL984	50.02555	35,000 ft	8	-
FIX	AWY-HI	6.90833	10,668 m		
NOSPA	UL984	50.02056	35,000 ft	7	-
FIX	AWY-HI	6.71139	10,668 m		
BITBU	UN858	49.98222	35,000 ft	6	-
FIX	AWY-HI	6.56045	10,668 m		
NUDRI	Y180	49.89333	32,900 ft	13	-
FIX	AWY-LO	6.24139	10,028 m		
DIK	Y180	49.86139	31,900 ft	4	DIEKIRCH NDB
NDB	AWY-LO	6.12972	9,723 m		
IDOSA	J910	49.74165	29,200 ft	12	-
FIX	AWY-LO	5.86978	8,900 m		
TOLVU	UN857	49.62528	24,800 ft	20	-
FIX	AWY-HI	5.37167	7,559 m		
RAPOR	UN857	49.59139	23,400 ft	6	-
FIX	AWY-HI	5.21306	7,132 m		
RENSA	J115	49.53306	20,600 ft	13	-
FIX	AWY-LO	4.88556	6,279 m		
LFPG	-	49.00974	0 ft	96	Paris Charles De Gaulle
APT	-	2.56262	0 m		

WSSS

Region: SINGAPORE

Timezone: ASIA/SINGAPORE

Runways: 2

Elevation: 20 ft / 6 m

Location: 1.355510 103.988000

Magnetic Var: 0.198 E

METAR

WSSS 030300Z 11006KT 080V140 9999 FEW020TCU BKN300 31/26 Q1010 NOSIG

TAF

TAF AMD WSSS 030120Z 0301/0406 15008KT 9999 FEW015 SCT020 TEMPO 0304/0308 3000 TSRA FEW012CB BKN015

Frequencies

DEP - 123.70 MHz - SINGAPORE RADAR	DEP - 127.30 MHz - SINGAPORE RADAR
DEP - 133.80 MHz - SINGAPORE RADAR	DEP - 133.25 MHz - SINGAPORE RADAR
DEP - 135.80 MHz - SINGAPORE RADAR	DEP - 134.20 MHz - SINGAPORE RADAR
DEP - 133.35 MHz - SINGAPORE RADAR	DEP - 134.40 MHz - SINGAPORE RADAR
DEP - 128.10 MHz - SINGAPORE RADAR	DEP - 255.40 MHz - SINGAPORE RADAR
DEP - 124.05 MHz - SINGAPORE RADAR	APP - 120.30 MHz - SINGAPORE APPROACH
APP - 124.60 MHz - SINGAPORE APPROACH	APP - 119.30 MHz - SINGAPORE ARRIVAL
TWR - 118.60 MHz - SINGAPORE TOWER	TWR - 118.25 MHz - SINGAPORE TOWER
GND - 124.30 MHz - SINGAPORE GROUND	GND - 121.72 MHz - SINGAPORE GROUND
GND - 121.85 MHz - SINGAPORE GROUND	GND - 121.00 MHz - SINGAPORE GROUND EMERGENCY
GND - 122.55 MHz - SINGAPORE GROUND	CLD - 121.65 MHz - SINGAPORE DELIVERY
CLD - 119.60 MHz - SINGAPORE DELIVERY	REC - 128.60 MHz -
REC - 128.02 MHz -	CHANGI AIRPORT INFORMATION (D-ATIS)
CHANGI AIRPORT ARRIVAL INFORMATION	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20R	197 ft	13,187 ft	202.88	ASPHALT	2,428 ft	390 ft
	60 m	4,020 m	202.68		740 m	119 m
02C	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20C	197 ft	13,187 ft	202.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	202.68		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02C	DME	ICE	108.30 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
02L	DME	ICW	110.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
20C	DME	ICC	109.70 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
20R	DME	ICH	108.90 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
02C	LOC-ILS	ICE	108.30 MHz	18 nm	22.88	-	20 ft
				33 km	22.68		20 m
02L	LOC-ILS	ICW	110.90 MHz	18 nm	22.88	-	20 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	22.68		20 m
20C	LOC-ILS	ICC	109.70 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
20R	LOC-ILS	ICH	108.90 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
02C	GS	ICE	108.30 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
02L	GS	ICW	110.90 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
20C	GS	ICC	109.70 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m
20R	GS	ICH	108.90 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m

LFPG

Region: FRANCE
Timezone: EUROPE/PARIS
Runways: 4

Elevation: 392 ft / 119 m
Location: 49.009700 2.562570
Magnetic Var: 1.493 E

METAR

LFPG 030300Z 25011KT CAVOK 10/06 Q1011 NOSIG

TAF

TAF LFPG 022300Z 0300/0406 24008KT CAVOK TX17/0315Z TN08/0304Z PROB40 TEMPO 0312/0318 23010G20KT 4000 -SHRA SCT03

Frequencies

REC - 128.32 MHz - ATIS	REC - 127.12 MHz - ATIS
TWR - 120.90 MHz - DE GAULLE TOWER	TWR - 125.32 MHz - DE GAULLE TOWER
TWR - 119.62 MHz - DE GAULLE TOWER	TWR - 119.25 MHz - DE GAULLE TOWER
TWR - 118.65 MHz - DE GAULLE TOWER	TWR - 123.60 MHz - DE GAULLE TOWER
TWR - 120.65 MHz - DE GAULLE TOWER	GND - 121.90 MHz - DE GAULLE GROUND
GND - 125.30 MHz - DE GAULLE GROUND	GND - 121.70 MHz - DE GAULLE GROUND
CLD - 121.80 MHz - CLEARANCE DELIVERY	APP - 118.15 MHz - DE GAULLE APPROACH
APP - 119.85 MHz - DE GAULLE APPROACH	APP - 121.15 MHz - DE GAULLE APPROACH
APP - 125.82 MHz - DE GAULLE APPROACH	APP - 126.42 MHz - DE GAULLE APPROACH
DEP - 124.35 MHz - DE GAULLE DEPARTURE	DEP - 126.57 MHz - DE GAULLE DEPARTURE
DEP - 131.20 MHz - DE GAULLE DEPARTURE	DEP - 133.37 MHz - DE GAULLE DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	148 ft	13,713 ft	85.31	ASPHALT	0 ft	489 ft
	45 m	4,180 m	83.82		0 m	149 m
26R	148 ft	13,713 ft	265.35	ASPHALT	1,877 ft	279 ft
	45 m	4,180 m	263.86		572 m	85 m
09L	197 ft	8,866 ft	85.32	ASPHALT	0 ft	0 ft
	60 m	2,703 m	83.83		0 m	0 m
27R	197 ft	8,866 ft	265.35	ASPHALT	0 ft	0 ft
	60 m	2,703 m	263.85		0 m	0 m
08R	197 ft	8,833 ft	85.33	ASPHALT	0 ft	489 ft
	60 m	2,692 m	83.83		0 m	149 m
26L	197 ft	8,833 ft	265.35	ASPHALT	0 ft	486 ft
	60 m	2,692 m	263.86		0 m	148 m
09R	148 ft	13,746 ft	85.30	ASPHALT	0 ft	0 ft
	45 m	4,190 m	83.81		0 m	0 m
27L	148 ft	13,746 ft	265.34	ASPHALT	1,959 ft	0 ft
	45 m	4,190 m	263.85		597 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08R	DME	DSE	108.55 MHz	18 nm	-	-	358 ft
				33 km	-		358 m
09L	DME	PNE	109.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
09R	DME	CGE	110.10 MHz	18 nm	-	-	392 ft
				33 km	-		392 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	DSU	108.35 MHz	18 nm	-	-	338 ft
				33 km	-		338 m
27L	DME	CGW	110.70 MHz	18 nm	-	-	407 ft
				33 km	-		407 m
27R	DME	PNW	110.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
08L	LOC-ILS	GLE	108.70 MHz	18 nm	85.33	-	392 ft
				33 km	83.84		392 m
08R	LOC-ILS	DSE	108.55 MHz	18 nm	85.34	-	392 ft
				33 km	83.85		392 m
09L	LOC-ILS	PNE	109.35 MHz	18 nm	85.33	-	392 ft
				33 km	83.84		392 m
09R	LOC-ILS	CGE	110.10 MHz	18 nm	85.32	-	392 ft
				33 km	83.83		392 m
26L	LOC-ILS	DSU	108.35 MHz	18 nm	265.34	-	392 ft
				33 km	263.85		392 m
26R	LOC-ILS	GAU	111.95 MHz	18 nm	265.33	-	392 ft
				33 km	263.84		392 m
27L	LOC-ILS	CGW	110.70 MHz	18 nm	265.32	-	392 ft
				33 km	263.83		392 m
27R	LOC-ILS	PNW	110.35 MHz	18 nm	265.33	-	392 ft
				33 km	263.84		392 m
08L	GS	GLE	108.70 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.84		392 m
08R	GS	DSE	108.55 MHz	10 nm	85.34	3.00	392 ft
				19 km	83.85		392 m
09L	GS	PNE	109.35 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.84		392 m
09R	GS	CGE	110.10 MHz	10 nm	85.32	3.00	392 ft
				19 km	83.83		392 m
26L	GS	DSU	108.35 MHz	10 nm	265.34	3.00	392 ft
				19 km	263.85		392 m
26R	GS	GAU	111.95 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.84		392 m
27L	GS	CGW	110.70 MHz	10 nm	265.32	3.00	392 ft
				19 km	263.83		392 m
27R	GS	PNW	110.35 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.84		392 m