

ZGGG

Guangzhou Baiyun Intl.

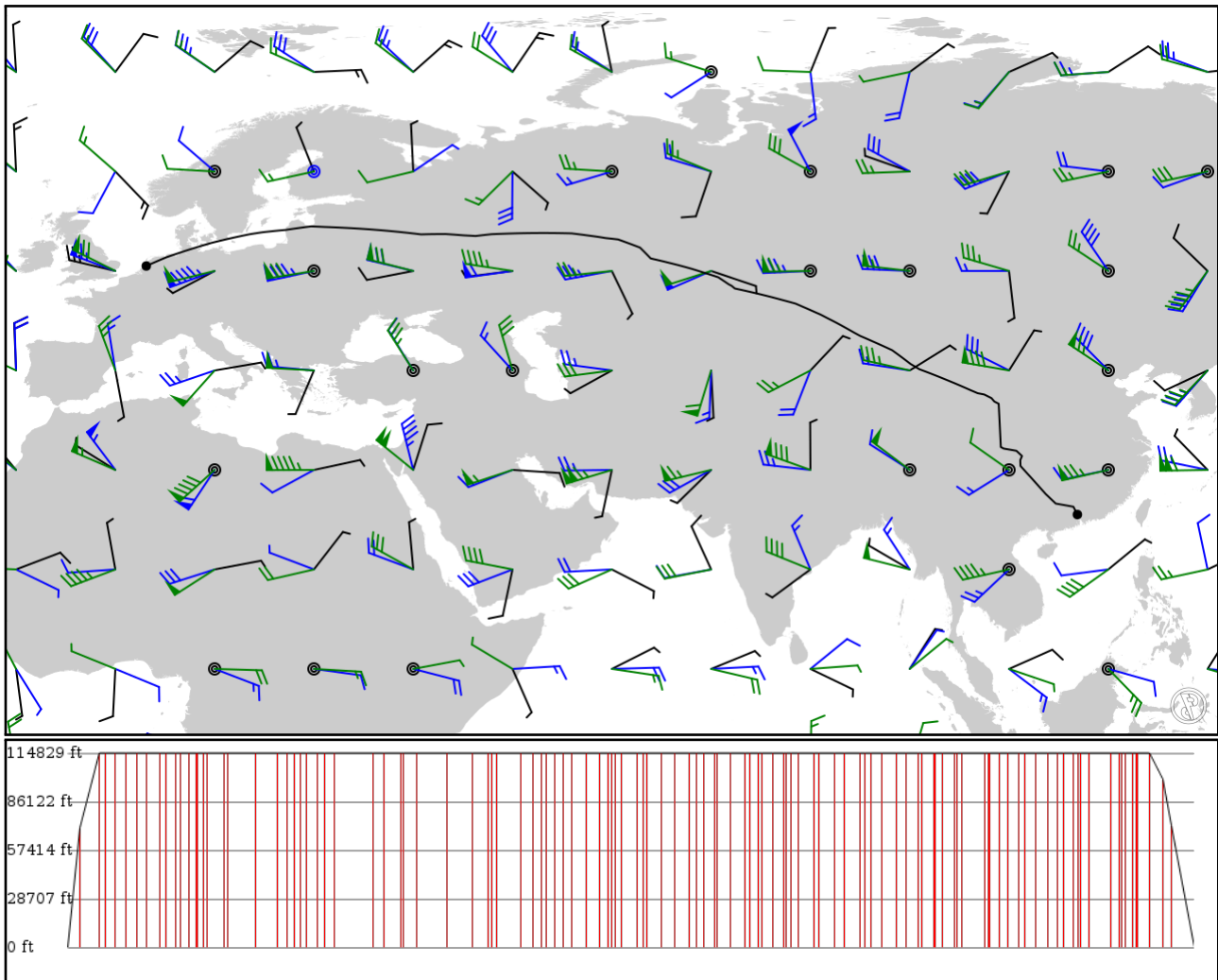
EHAM

Amsterdam Schiphol

2024/05/17 0113Z

ZGGG VEROK **G586** QP **B330** SJG **G586** LAGEX **V50** UNRIX QJG **W30** CKG CKG **W30** DS **B213** GAO **W504** VENON DOREX
B330 XIXAN **W565** DNC **W622** BUKPU **W197** ANDIM **B215** IBANO **G470** IPMUN **W192** FKG **A368** DIMUT KRG
5000N07300E BANOS **A369** AST **G111** KST **R482** GUPRI **B212** IMANA **R834** OK **R487** RP **R480** CW **R489** MF **MF7T**
LAPUR **FE5T** AR **FE4T** BELAG **A494** OPOKA **M869** LEP LEP **M864** KOLJA **M611** CDA **Z701** GOBOT **UZ701** LUGUM EHAM

5163.54 nm / 9562.88 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
ZGGG	-	23.39040	0 ft	-	Guangzhou Baiyun Intl.
APT	-	113.30300	0 m		
VEROK	-	24.29830	21,500 ft	60	-
FIX	-	112.83500	6,553 m		
NODOG	G586	24.57670	35,000 ft	85	-
FIX	AWY-HI	111.29500	10,668 m		
QP	G586	24.67000	35,000 ft	28	ERTANG
NDB	AWY-HI	110.77700	10,668 m		
MAMSI	B330	25.20500	35,000 ft	44	-
FIX	AWY-HI	110.21200	10,668 m		
SJG	B330	25.77670	35,000 ft	47	SANJIANG
VOR	AWY-HI	109.61000	10,668 m		
LAGEX	G586	26.43000	35,000 ft	50	-
FIX	AWY-HI	109.02700	10,668 m		
XONID	V50	27.05670	35,000 ft	48	-
FIX	AWY-HI	108.46700	10,668 m		
TAXOR	V50	27.82830	35,000 ft	59	-
FIX	AWY-HI	107.77300	10,668 m		
OTLEK	V50	28.18830	35,000 ft	27	-
FIX	AWY-HI	107.44000	10,668 m		
UNRIX	V50	28.76670	35,000 ft	44	-
FIX	AWY-HI	106.91700	10,668 m		
QJG	-	29.05170	35,000 ft	21	QIJIANG
VOR	-	106.66500	10,668 m		
CKG	W30	29.72170	35,000 ft	40	CHONGQING VOR-DME
DME	AWY-HI	106.64300	10,668 m		
CKG	-	29.74670	35,000 ft	1	JIANGBEI
VOR	-	106.65300	10,668 m		
DS	W30	30.20000	35,000 ft	29	HELIUSHUI
NDB	AWY-HI	106.84800	10,668 m		
TOROD	B213	30.28670	35,000 ft	7	-
FIX	AWY-HI	106.75500	10,668 m		
ANSAR	B213	30.65670	35,000 ft	30	-
FIX	AWY-HI	106.35700	10,668 m		
GAO	B213	30.81000	35,000 ft	12	NANCHONG
VOR	AWY-HI	106.18800	10,668 m		
VENON	W504	31.07000	35,000 ft	78	-
FIX	AWY-HI	104.70300	10,668 m		
DOREX	-	31.24670	35,000 ft	19	-
FIX	-	104.37500	10,668 m		
OMBON	B330	33.35670	35,000 ft	126	-
FIX	AWY-HI	104.27200	10,668 m		
ELPAN	B330	34.97670	35,000 ft	97	-
FIX	AWY-HI	104.19200	10,668 m		
BESMI	B330	35.77670	35,000 ft	48	-
FIX	AWY-HI	104.15200	10,668 m		
XIXAN	B330	36.28000	35,000 ft	30	-
FIX	AWY-HI	104.12500	10,668 m		
DNC	W565	36.54040	35,000 ft	29	LANZHOU
VOR	AWY-HI	103.61900	10,668 m		
BUKPU	W622	36.93670	35,000 ft	28	-
FIX	AWY-HI	103.28300	10,668 m		
ANDIM	W197	37.35830	35,000 ft	47	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	102.44000	10,668 m		
LAXEV	B215	37.50500	35,000 ft	37	-
FIX	AWY-HI	101.68500	10,668 m		
NOGEX	B215	37.83000	35,000 ft	41	-
FIX	AWY-HI	100.91800	10,668 m		
OMGUP	B215	39.23000	35,000 ft	175	-
FIX	AWY-HI	97.62670	10,668 m		
TODOD	B215	39.63170	35,000 ft	52	-
FIX	AWY-HI	96.62330	10,668 m		
NIXUK	B215	40.20000	35,000 ft	76	-
FIX	AWY-HI	95.14500	10,668 m		
IBANO	B215	40.30670	35,000 ft	14	-
FIX	AWY-HI	94.86670	10,668 m		
BIKNO	G470	40.91500	35,000 ft	59	-
FIX	AWY-HI	93.84830	10,668 m		
IPMUN	G470	42.51830	35,000 ft	136	-
FIX	AWY-HI	91.69500	10,668 m		
KEXAB	W192	43.55830	35,000 ft	118	-
FIX	AWY-HI	89.39330	10,668 m		
FKG	W192	44.17330	35,000 ft	71	FUKANG
VOR	AWY-HI	87.98330	10,668 m		
VARMI	A368	44.33500	35,000 ft	16	-
FIX	AWY-HI	87.68500	10,668 m		
UGPEL	A368	44.55170	35,000 ft	21	-
FIX	AWY-HI	87.28670	10,668 m		
SALMO	A368	45.69830	35,000 ft	111	-
FIX	AWY-HI	85.22170	10,668 m		
PIBIG	A368	46.25500	35,000 ft	56	-
FIX	AWY-HI	84.13500	10,668 m		
TCH	A368	46.66830	35,000 ft	41	TACHENG
VOR	AWY-HI	83.34500	10,668 m		
SARIN	A368	46.86560	35,000 ft	22	-
FIX	AWY-HI	82.88810	10,668 m		
AGUSA	A368	47.23330	35,000 ft	40	-
FIX	AWY-HI	82.06060	10,668 m		
TOLKI	A368	47.57080	35,000 ft	37	-
FIX	AWY-HI	81.27780	10,668 m		
AGZ	A368	47.93110	35,000 ft	39	AYAGUZ
VOR	AWY-HI	80.44970	10,668 m		
OSNER	A368	48.35530	35,000 ft	67	-
FIX	AWY-HI	78.90250	10,668 m		
DODEM	A368	48.70330	35,000 ft	55	-
FIX	AWY-HI	77.60390	10,668 m		
TAGAL	A368	48.94390	35,000 ft	40	-
FIX	AWY-HI	76.64030	10,668 m		
GORBO	A368	49.05440	35,000 ft	19	-
FIX	AWY-HI	76.18330	10,668 m		
ULKAP	A368	49.12470	35,000 ft	12	-
FIX	AWY-HI	75.89220	10,668 m		
DIMUT	A368	49.30780	35,000 ft	33	-
FIX	AWY-HI	75.09830	10,668 m		
KRG	-	49.68720	35,000 ft	71	KARAGANDA
VOR	-	73.37380	10,668 m		
5000N07300E	-	50.00000	35,000 ft	23	-
LATLON	-	73.00000	10,668 m		
BANOS	-	50.18780	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	72.64560	10,668 m		
AST	A369	51.00160	35,000 ft	67	NUR-SULTAN
VOR	AWY-HI	71.43340	10,668 m		
DIDAL	G111	51.48560	35,000 ft	64	-
FIX	AWY-HI	69.91470	10,668 m		
ATBAN	G111	51.97330	35,000 ft	64	-
FIX	AWY-HI	68.36440	10,668 m		
ATNON	G111	52.19690	35,000 ft	32	-
FIX	AWY-HI	67.56390	10,668 m		
LATKO	G111	52.41890	35,000 ft	33	-
FIX	AWY-HI	66.74080	10,668 m		
GITNA	G111	52.74970	35,000 ft	52	-
FIX	AWY-HI	65.42170	10,668 m		
DOKUT	G111	52.80390	35,000 ft	8	-
FIX	AWY-HI	65.20830	10,668 m		
KST	G111	53.18690	35,000 ft	63	KOSTANAY
VOR	AWY-HI	63.56260	10,668 m		
LANOR	R482	54.09330	35,000 ft	62	-
FIX	AWY-HI	62.67830	10,668 m		
GUPRI	R482	54.45030	35,000 ft	24	-
FIX	AWY-HI	62.31530	10,668 m		
RUKES	B212	54.82580	35,000 ft	41	-
FIX	AWY-HI	61.32940	10,668 m		
KOKET	B212	54.96690	35,000 ft	15	-
FIX	AWY-HI	60.94810	10,668 m		
IMANA	B212	55.39190	35,000 ft	47	-
FIX	AWY-HI	59.76530	10,668 m		
OGMAN	R834	55.55530	35,000 ft	51	-
FIX	AWY-HI	58.29000	10,668 m		
AKASI	R834	55.61530	35,000 ft	12	-
FIX	AWY-HI	57.93000	10,668 m		
KOLIR	R834	55.70360	35,000 ft	19	-
FIX	AWY-HI	57.36830	10,668 m		
ROLEP	R834	55.83360	35,000 ft	33	-
FIX	AWY-HI	56.41670	10,668 m		
NOGRI	R834	56.10030	35,000 ft	71	-
FIX	AWY-HI	54.34830	10,668 m		
SURUL	R834	56.11860	35,000 ft	25	-
FIX	AWY-HI	53.58500	10,668 m		
INTEP	R834	56.14500	35,000 ft	72	-
FIX	AWY-HI	51.40500	10,668 m		
ATPAL	R834	56.14220	35,000 ft	39	-
FIX	AWY-HI	50.21280	10,668 m		
BESUN	R834	56.10670	35,000 ft	76	-
FIX	AWY-HI	47.92000	10,668 m		
BOKSA	R834	56.09000	35,000 ft	19	-
FIX	AWY-HI	47.34640	10,668 m		
NAMER	R834	56.06330	35,000 ft	27	-
FIX	AWY-HI	46.51810	10,668 m		
OK	R834	56.00690	35,000 ft	50	LYSKOVO
NDB	AWY-HI	45.02470	10,668 m		
RP	R487	55.79530	35,000 ft	64	SOSNOVSKOYE
NDB	AWY-HI	43.16030	10,668 m		
CW	R480	55.86780	35,000 ft	46	KRASNAYA GORBATKA
NDB	AWY-HI	41.78440	10,668 m		
ABOKA	R489	55.99440	35,000 ft	56	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	40.11170	10,668 m		
MF	R489	56.02610	35,000 ft	16	LARIONOVO
NDB	AWY-HI	39.63420	10,668 m		
DIPAT	MF7T	56.01330	35,000 ft	53	-
FIX	AWY-HI	38.03670	10,668 m		
LAPUR	MF7T	56.01000	35,000 ft	5	-
FIX	AWY-HI	37.86080	10,668 m		
AR	FE5T	55.98330	35,000 ft	35	BUZHAROVO
NDB	AWY-HI	36.79920	10,668 m		
BELAG	FE4T	56.16170	35,000 ft	51	-
FIX	AWY-HI	35.28780	10,668 m		
OLIDI	A494	56.20310	35,000 ft	13	-
FIX	AWY-HI	34.90110	10,668 m		
GAPSA	A494	56.27810	35,000 ft	24	-
FIX	AWY-HI	34.19280	10,668 m		
ROMEL	A494	56.55310	35,000 ft	104	-
FIX	AWY-HI	31.07610	10,668 m		
APTUK	A494	56.58280	35,000 ft	13	-
FIX	AWY-HI	30.67420	10,668 m		
MABUD	A494	56.60110	35,000 ft	8	-
FIX	AWY-HI	30.41390	10,668 m		
BIBAK	A494	56.69110	35,000 ft	46	-
FIX	AWY-HI	29.01580	10,668 m		
OPOKA	A494	56.75170	35,000 ft	36	-
FIX	AWY-HI	27.90170	10,668 m		
BETAL	M869	56.81920	35,000 ft	47	-
FIX	AWY-HI	26.46940	10,668 m		
BARVA	M869	56.85390	35,000 ft	30	-
FIX	AWY-HI	25.54670	10,668 m		
RIA	M869	56.92090	35,000 ft	52	RIGA
VOR	AWY-HI	23.96520	10,668 m		
VALED	M869	56.71970	35,000 ft	50	-
FIX	AWY-HI	22.46190	10,668 m		
LEP	M869	56.51860	35,000 ft	46	LIEPAJA VOR-DME
DME	AWY-HI	21.09200	10,668 m		
LEP	-	56.51280	35,000 ft	0	LIEPAJA
VOR	-	21.08470	10,668 m		
LASMA	M864	56.43530	35,000 ft	29	-
FIX	AWY-HI	20.21530	10,668 m		
ADAXA	M864	56.29780	35,000 ft	44	-
FIX	AWY-HI	18.89830	10,668 m		
NINTA	M864	56.22880	35,000 ft	20	-
FIX	AWY-HI	18.28560	10,668 m		
DIPEB	M864	56.18250	35,000 ft	10	-
FIX	AWY-HI	17.97640	10,668 m		
KOLJA	M864	56.00000	35,000 ft	40	-
FIX	AWY-HI	16.81470	10,668 m		
ELVIX	M611	55.41190	35,000 ft	98	-
FIX	AWY-HI	14.09420	10,668 m		
MALIV	M611	55.16270	35,000 ft	39	-
FIX	AWY-HI	13.03690	10,668 m		
ODARU	M611	55.09580	35,000 ft	10	-
FIX	AWY-HI	12.76140	10,668 m		
CDA	M611	55.00150	35,000 ft	14	CODAN
VOR	AWY-HI	12.37920	10,668 m		
MARIP	Z701	54.72310	35,000 ft	37	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	11.42080	10,668 m		
GOBOT	Z701	54.62280	35,000 ft	13	-
FIX	AWY-HI	11.08610	10,668 m		
EVIVU	UZ701	54.57890	35,000 ft	5	-
FIX	AWY-HI	10.94030	10,668 m		
ABANO	UZ701	54.12920	35,000 ft	57	-
FIX	AWY-HI	9.50000	10,668 m		
GASTU	UZ701	53.63330	30,300 ft	60	-
FIX	AWY-HI	8.00528	9,235 m		
LUGUM	UZ701	53.30720	22,000 ft	38	-
FIX	AWY-HI	7.06782	6,706 m		
EHAM	-	52.30810	0 ft	102	Amsterdam Schiphol
APT	-	4.76417	0 m		

ZGGG

Region: CHINA
Timezone: ASIA/SHANGHAI
Runways: 3

Elevation: 50 ft / 15 m
Location: 23.390400 113.303000
Magnetic Var: 3.299 W

METAR

ZGGG 170100Z 08002MPS 040V140 CAVOK 27/18 Q1014 NOSIG

TAF

TAF ZGGG 162101Z 1700/1724 14003MPS 8000 SCT040 TX32/1707Z TN23/1722Z

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

EHAM

Region: NETHERLANDS
Timezone: EUROPE/AMSTERDAM
Runways: 6

Elevation: -11 ft / -3 m
Location: 52.308100 4.764170
Magnetic Var: 2.045 E

METAR

EHAM 170055Z 30006KT 8000 FEW004 BKN005 13/13 Q1007 BECMG BKN004

TAF

TAF TAF EHAM 162317Z 1700/1806 32008KT 9999 BKN005 BECMG 1700/1703 4500 BR PROB40 TEMPO 1700/1707 1800 SCT002 BKN004

Frequencies

GND - 121.55 MHz - SCHIPHOL GROUND	GND - 121.70 MHz - SCHIPHOL GROUND
GND - 121.80 MHz - SCHIPHOL GROUND	GND - 121.90 MHz - SCHIPHOL GROUND
GND - 121.60 MHz - SCHIPHOL GROUND	TWR - 119.22 MHz - SCHIPHOL TOWER
TWR - 118.10 MHz - SCHIPHOL TOWER	TWR - 118.27 MHz - SCHIPHOL TOWER
TWR - 119.90 MHz - SCHIPHOL TOWER	APP - 118.80 MHz - AMSTERDAM RADAR
APP - 120.55 MHz - AMSTERDAM RADAR	APP - 127.78 MHz - AMSTERDAM RADAR
APP - 119.05 MHz - SCHIPHOL APPROACH	APP - 118.08 MHz - SCHIPHOL APPROACH
APP - 126.68 MHz - SCHIPHOL APPROACH	APP - 118.40 MHz - SCHIPHOL ARRIVAL
APP - 131.15 MHz - SCHIPHOL ARRIVAL	DEP - 121.20 MHz - SCHIPHOL DEPARTURE
REC - 122.20 MHz - SCHIPHOL ATIS	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	145 ft	11,319 ft	86.77	ASPHALT	325 ft	0 ft
	44 m	3,450 m	84.73		99 m	0 m
27	145 ft	11,319 ft	266.81	ASPHALT	0 ft	0 ft
	44 m	3,450 m	264.77		0 m	0 m
18L	150 ft	11,150 ft	183.24	ASPHALT	1,886 ft	0 ft
	46 m	3,399 m	181.20		575 m	0 m
36R	150 ft	11,150 ft	3.24	ASPHALT	0 ft	0 ft
	46 m	3,399 m	1.19		0 m	0 m
18C	145 ft	10,813 ft	183.22	ASPHALT	0 ft	0 ft
	44 m	3,296 m	181.17		0 m	0 m
36C	145 ft	10,813 ft	3.22	ASPHALT	1,473 ft	0 ft
	44 m	3,296 m	1.17		449 m	0 m
18R	190 ft	12,467 ft	183.19	ASPHALT	886 ft	0 ft
	58 m	3,800 m	181.15		270 m	0 m
36L	190 ft	12,467 ft	3.19	ASPHALT	0 ft	0 ft
	58 m	3,800 m	1.14		0 m	0 m
06	150 ft	11,288 ft	57.85	ASPHALT	814 ft	0 ft
	46 m	3,441 m	55.81		248 m	0 m
24	150 ft	11,288 ft	237.89	ASPHALT	0 ft	0 ft
	46 m	3,441 m	235.84		0 m	0 m
04	140 ft	6,624 ft	41.18	ASPHALT	0 ft	0 ft
	43 m	2,019 m	39.14		0 m	0 m
22	140 ft	6,624 ft	221.20	ASPHALT	0 ft	0 ft
	43 m	2,019 m	219.15		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	KAG	110.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
18R	DME	VPB	110.10 MHz	18 nm 33 km	- -	-	-11 ft -11 m
22	DME	SCH	109.15 MHz	18 nm 33 km	- -	-	-11 ft -11 m
27	DME	BVB	111.55 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36C	DME	MSA	108.75 MHz	18 nm 33 km	- -	-	-11 ft -11 m
36R	DME	ABA	111.95 MHz	18 nm 33 km	- -	-	-11 ft -11 m
06	LOC-ILS	KAG	110.55 MHz	18 nm 33 km	57.88 55.83	-	-11 ft -11 m
18C	LOC-ILS	ZWA	109.50 MHz	18 nm 33 km	183.22 181.17	-	-11 ft -11 m
18R	LOC-ILS	VPB	110.10 MHz	18 nm 33 km	183.19 181.14	-	-11 ft -11 m
22	LOC-ILS	SCH	109.15 MHz	18 nm 33 km	221.20 219.15	-	-11 ft -11 m
27	LOC-ILS	BVB	111.55 MHz	18 nm 33 km	266.79 264.74	-	-11 ft -11 m
36C	LOC-ILS	MSA	108.75 MHz	18 nm 33 km	3.22 1.17	-	-11 ft -11 m
36R	LOC-ILS	ABA	111.95 MHz	18 nm 33 km	3.24 1.19	-	-11 ft -11 m
06	GS	KAG	110.55 MHz	10 nm 19 km	57.88 55.83	3.00	-11 ft -11 m
18C	GS	ZWA	109.50 MHz	10 nm 19 km	183.22 181.17	3.00	-11 ft -11 m
18R	GS	VPB	110.10 MHz	10 nm 19 km	183.19 181.14	3.00	-11 ft -11 m
22	GS	SCH	109.15 MHz	10 nm 19 km	221.20 219.15	3.00	-11 ft -11 m
27	GS	BVB	111.55 MHz	10 nm 19 km	266.79 264.74	3.00	-11 ft -11 m
36C	GS	MSA	108.75 MHz	10 nm 19 km	3.22 1.17	3.00	-11 ft -11 m
36R	GS	ABA	111.95 MHz	10 nm 19 km	3.24 1.19	3.00	-11 ft -11 m