

EBBR

Brussels Airport

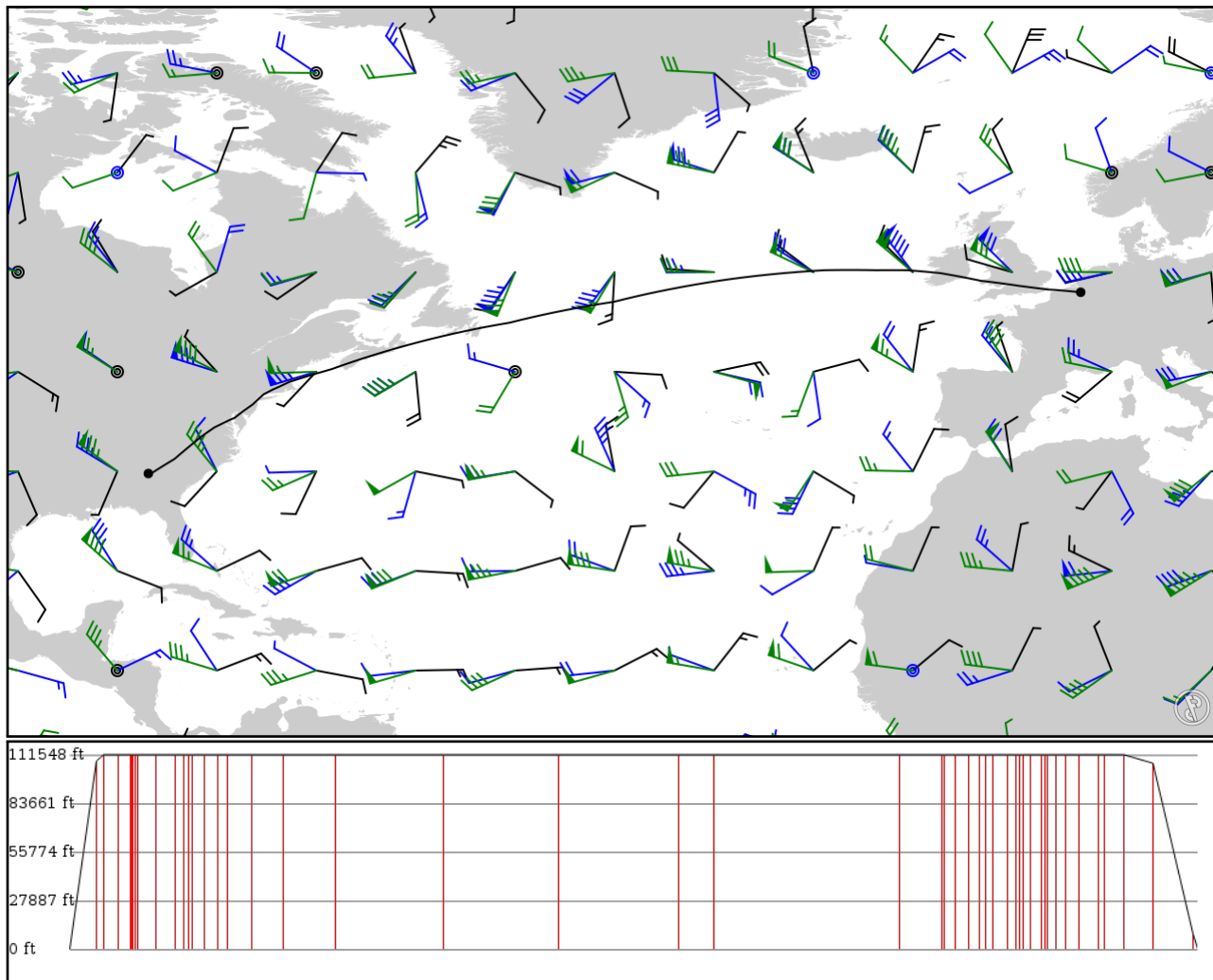
KATL

Hartsfield Jackson Atlanta Intl

2024/05/03 1144Z

EBBR KONAN **UL9** BASET **UL18** DIKAS **UL9** MALOT +53.000_--20.000 **B** +48.000_--50.000 **YYT N55B** TUSKY **J575**
BOS **J42** LAURN **J222** RBV **J191** DAVYS **J42** OOD **J150** GVE **J37** SPA **J14** AJFEB KATL

3870.93 nm / 7168.97 km



Notes

Using NAT tracks from 27/4/2017

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: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EBBR APT	-	50.89995 4.49281	0 ft 0 m	-	Brussels Airport
KONAN FIX	-	51.13083 2.00000	32,900 ft 10,028 m	95	-
DVR VOR	UL9 AWY-HI	51.16250 1.35917	34,000 ft 10,363 m	24	DOVER VOR-DME
BIG VOR	UL9 AWY-HI	51.33087 0.03481	34,000 ft 10,363 m	50	BIGGIN VOR-DME
LINDY FIX	UL9 AWY-HI	51.47056 -1.04917	34,000 ft 10,363 m	41	-
NORRY FIX	UL9 AWY-HI	51.47972 -1.12333	34,000 ft 10,363 m	2	-
CPT VOR	UL9 AWY-HI	51.49167 -1.21972	34,000 ft 10,363 m	3	COMPTON VOR-DME
KENET FIX	UL9 AWY-HI	51.52056 -1.45500	34,000 ft 10,363 m	8	-
BASET FIX	UL9 AWY-HI	51.56389 -1.71000	34,000 ft 10,363 m	9	-
DIKAS FIX	UL18 AWY-HI	51.77694 -3.25917	34,000 ft 10,363 m	59	-
STU VOR	UL9 AWY-HI	51.99472 -5.04028	34,000 ft 10,363 m	67	STRUMBLE VOR-DME
SLANY FIX	UL9 AWY-HI	52.15861 -5.84222	34,000 ft 10,363 m	31	-
DIMUS FIX	UL9 AWY-HI	52.23972 -6.25139	34,000 ft 10,363 m	15	-
ROPED FIX	UL9 AWY-HI	52.30833 -6.60472	34,000 ft 10,363 m	13	-
ABAGU FIX	UL9 AWY-HI	52.50333 -7.64667	34,000 ft 10,363 m	39	-
SHA VOR	UL9 AWY-HI	52.72101 -8.88521	34,000 ft 10,363 m	47	SHANNON VOR-DME
UNBEG FIX	UL9 AWY-HI	52.80500 -9.73000	34,000 ft 10,363 m	31	-
BURAK FIX	UL9 AWY-HI	53.00000 -12.00000	34,000 ft 10,363 m	83	-
MALOT FIX	UL9 AWY-HI	53.00000 -15.00000	34,000 ft 10,363 m	108	-
+53.000_--20.000 LATLON	- -	53.00000 -20.00000	34,000 ft 10,363 m	180	-
+52.000_--30.000 LATLON	B NAT	52.00000 -30.00000	34,000 ft 10,363 m	370	-
+50.000_--40.000 LATLON	B NAT	50.00000 -40.00000	34,000 ft 10,363 m	396	-
+48.000_--50.000 LATLON	B NAT	48.00000 -50.00000	34,000 ft 10,363 m	411	-
YYT VOR	- -	47.48550 -52.85236	34,000 ft 10,363 m	119	TORBAY VOR-DME
TUSKY FIX	N55B AWY-HI	43.56500 -67.00000	34,000 ft 10,363 m	638	-
CANAL FIX	J575 AWY-HI	42.66903 -70.02271	34,000 ft 10,363 m	143	-
SCUPP	J575	42.60306	34,000 ft	9	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-70.23037	10,363 m		
BOS	J575	42.35744	34,000 ft	36	BOSTON VOR-DME
VOR	AWY-HI	-70.98956	10,363 m		
PUT	J42	41.95547	34,000 ft	45	PUTNAM VOR-DME
VOR	AWY-HI	-71.84408	10,363 m		
HFD	J42	41.64111	34,000 ft	36	HARTFORD VOR-DME
VOR	AWY-HI	-72.54742	10,363 m		
PACER	J42	41.43982	34,000 ft	21	-
FIX	AWY-HI	-72.94043	10,363 m		
SANTT	J42	41.18887	34,000 ft	26	-
FIX	AWY-HI	-73.42329	10,363 m		
LAURN	J42	40.55161	34,000 ft	49	-
FIX	AWY-HI	-74.12046	10,363 m		
RBV	J222	40.20239	34,000 ft	27	ROBBINSVILLE VORTAC
VOR	AWY-HI	-74.49503	10,363 m		
BRAND	J191	40.03508	34,000 ft	14	-
FIX	AWY-HI	-74.73597	10,363 m		
DAVYS	J191	39.92239	34,000 ft	10	-
FIX	AWY-HI	-74.89716	10,363 m		
OOD	J42	39.63603	34,000 ft	25	WOODSTOWN VORTAC
VOR	AWY-HI	-75.30303	10,363 m		
BROSS	J150	39.19122	34,000 ft	37	-
FIX	AWY-HI	-75.88052	10,363 m		
AGARD	J150	39.04358	34,000 ft	12	-
FIX	AWY-HI	-76.06976	10,363 m		
GRACO	J150	38.94161	34,000 ft	8	-
FIX	AWY-HI	-76.19978	10,363 m		
OTT	J150	38.70586	34,000 ft	29	NOTTINGHAM VORTAC
VOR	AWY-HI	-76.74475	10,363 m		
BOOYA	J150	38.40569	34,000 ft	34	-
FIX	AWY-HI	-77.36288	10,363 m		
GVE	J150	38.01361	34,000 ft	44	GORDONSVILLE VORTAC
VOR	AWY-HI	-78.15303	10,363 m		
LYH	J37	37.25458	34,000 ft	68	LYNCHBURG VORTAC
VOR	AWY-HI	-79.23639	10,363 m		
SANNY	J37	37.00072	34,000 ft	21	-
FIX	AWY-HI	-79.55585	10,363 m		
COLZI	J37	36.22763	34,000 ft	65	-
FIX	AWY-HI	-80.50881	10,363 m		
SPA	J37	35.03364	32,500 ft	99	SPARTANBURG VORTAC
VOR	AWY-HI	-81.92700	9,906 m		
AJFEB	J14	33.64035	2,700 ft	139	-
FIX	AWY-HI	-84.17048	823 m		
KATL	-	33.63662	0 ft	12	Hartsfield Jackson Atlanta Intl
APT	-	-84.42821	0 m		

EBBR

Region: BELGIUM
Timezone: EUROPE/BRUSSELS
Runways: 3

Elevation: 184 ft / 56 m
Location: 50.899900 4.492770
Magnetic Var: 1.999 E

METAR

EBBR 031120Z 22010KT 9999 -RA SCT022 12/09 Q1011 NOSIG

TAF

TAF EBBR 030510Z 0306/0412 24012KT 8000 -RA SCT008 BKN014 PROB30 TEMPO 0306/0308 4000 RA BKN008 PROB40 TEMPO 0306/

Frequencies

REC - 121.75 MHz - ATIS DEP	REC - 132.47 MHz - ATIS ARR
COM - 130.55 MHz - ABELAG UNICOM	CLD - 121.95 MHz - CLNC DEL
GND - 118.05 MHz -	GND - 121.70 MHz -
GND - 121.87 MHz -	TWR - 118.60 MHz -
TWR - 120.77 MHz -	APP - 118.25 MHz -
APP - 120.10 MHz -	APP - 122.50 MHz -
DEP - 126.62 MHz -	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	11,917 ft	65.37	ASPHALT	843 ft	72 ft
	45 m	3,632 m	63.37		257 m	22 m
25R	148 ft	11,917 ft	245.41	ASPHALT	981 ft	0 ft
	45 m	3,632 m	243.41		299 m	0 m
07R	148 ft	10,522 ft	69.88	ASPHALT	407 ft	0 ft
	45 m	3,207 m	67.88		124 m	0 m
25L	148 ft	10,522 ft	249.91	ASPHALT	0 ft	13 ft
	45 m	3,207 m	247.91		0 m	4 m
01	164 ft	9,810 ft	14.44	ASPHALT	157 ft	0 ft
	50 m	2,990 m	12.44		48 m	0 m
19	164 ft	9,810 ft	194.45	ASPHALT	722 ft	43 ft
	50 m	2,990 m	192.45		220 m	13 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IBX	109.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
19	DME	IBM	111.15 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
25R	DME	IBR	108.90 MHz	18 nm	-	-	184 ft
				33 km	-		184 m
01	LOC-ILS	IBX	109.90 MHz	18 nm	14.45	-	184 ft
				33 km	12.45		184 m
19	LOC-ILS	IBM	111.15 MHz	18 nm	194.45	-	184 ft
				33 km	192.45		184 m
25L	LOC-ILS	IBL	110.35 MHz	18 nm	249.89	-	184 ft
				33 km	247.89		184 m
25R	LOC-ILS	IBR	108.90 MHz	18 nm	245.39	-	184 ft
				33 km	243.39		184 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	GS	IBX	109.90 MHz	10 nm	14.45	3.00	184 ft
				19 km	12.45		184 m
19	GS	IBM	111.15 MHz	10 nm	194.45	3.00	184 ft
				19 km	192.45		184 m
25L	GS	IBL	110.35 MHz	10 nm	249.89	3.00	184 ft
				19 km	247.89		184 m
25R	GS	IBR	108.90 MHz	10 nm	245.39	3.00	184 ft
				19 km	243.39		184 m

KATL

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 5

Elevation: 1,026 ft / 313 m
Location: 33.636600 -84.428000
Magnetic Var: 5.629 W

METAR

KATL 031052Z 13004KT 10SM FEW060 BKN150 OVC200 21/18 A3000 RMK A02 RAE10 SLP148 P0000 T02110178

TAF

TAF AMD KATL 030932Z 0310/0412 14003KT P6SM VCSH SCT060 BKN150 FM031500 20005KT P6SM SCT050 BKN080 FM031700 20010

Frequencies

REC - 119.65 MHz - D-ATIS	REC - 125.55 MHz - D-ATIS
COM - 122.95 MHz - UNICOM	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 121.65 MHz - ATLANTA GROUND	GND - 121.75 MHz - ATLANTA GROUND
GND - 121.90 MHz - ATLANTA GROUND	TWR - 119.10 MHz - ATLANTA TOWER
TWR - 119.30 MHz - ATLANTA TOWER	TWR - 119.50 MHz - ATLANTA TOWER
TWR - 123.85 MHz - ATLANTA TOWER	TWR - 125.32 MHz - ATLANTA TOWER
APP - 127.90 MHz - ATLANTA APPROACH	APP - 128.00 MHz - ATLANTA APPROACH
DEP - 125.65 MHz - ATLANTA DEPARTURE	DEP - 125.70 MHz - ATLANTA DEPARTURE
DEP - 135.37 MHz - ATLANTA DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	151 ft	12,400 ft	89.99	CONCRETE	0 ft	0 ft
	46 m	3,780 m	95.62		0 m	0 m
27R	151 ft	12,400 ft	270.01	CONCRETE	518 ft	0 ft
	46 m	3,780 m	275.64		158 m	0 m
09R	151 ft	9,008 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.60		0 m	0 m
27L	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
08L	151 ft	9,008 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.61		0 m	0 m
26R	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
10	151 ft	9,008 ft	89.97	CONCRETE	0 ft	0 ft
	46 m	2,746 m	95.60		0 m	0 m
28	151 ft	9,008 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	2,746 m	275.62		0 m	0 m
08R	151 ft	10,009 ft	89.98	CONCRETE	0 ft	0 ft
	46 m	3,051 m	95.60		0 m	0 m
26L	151 ft	10,009 ft	269.99	CONCRETE	0 ft	0 ft
	46 m	3,051 m	275.62		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IHFV	109.30 MHz	18 nm	-	-	993 ft
				33 km	-		993 m
08R	DME	IATL	109.90 MHz	18 nm	-	-	1,026 ft
				33 km	-		1,026 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IHZK	110.50 MHz	18 nm	-	-	978 ft
				33 km	-		978 m
09R	DME	IFUN	108.90 MHz	18 nm	-	-	987 ft
				33 km	-		987 m
10	DME	IOMO	111.55 MHz	18 nm	-	-	970 ft
				33 km	-		970 m
26L	DME	IBRU	108.70 MHz	18 nm	-	-	1,026 ft
				33 km	-		1,026 m
26R	DME	IGXZ	110.10 MHz	18 nm	-	-	1,000 ft
				33 km	-		1,000 m
27L	DME	IFSQ	108.50 MHz	18 nm	-	-	1,020 ft
				33 km	-		1,020 m
27R	DME	IAFA	111.30 MHz	18 nm	-	-	978 ft
				33 km	-		978 m
28	DME	IPKU	111.75 MHz	18 nm	-	-	970 ft
				33 km	-		970 m
08L	LOC-ILS	IHFV	109.30 MHz	18 nm	89.98	-	1,026 ft
				33 km	95.61		1,026 m
08R	LOC-ILS	IATL	109.90 MHz	18 nm	89.99	-	1,026 ft
				33 km	95.62		1,026 m
09L	LOC-ILS	IHZK	110.50 MHz	18 nm	90.01	-	968 ft
				33 km	95.64		968 m
09R	LOC-ILS	IFUN	108.90 MHz	18 nm	89.98	-	1,026 ft
				33 km	95.61		1,026 m
10	LOC-ILS	IOMO	111.55 MHz	18 nm	89.98	-	970 ft
				33 km	95.61		970 m
26L	LOC-ILS	IBRU	108.70 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
26R	LOC-ILS	IGXZ	110.10 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
27L	LOC-ILS	IFSQ	108.50 MHz	18 nm	269.98	-	1,026 ft
				33 km	275.61		1,026 m
27R	LOC-ILS	IAFA	111.30 MHz	18 nm	270.00	-	1,026 ft
				33 km	275.62		1,026 m
28	LOC-ILS	IPKU	111.75 MHz	18 nm	269.97	-	970 ft
				33 km	275.60		970 m
08L	GS	IHFV	109.30 MHz	10 nm	90.96	3.00	1,008 ft
				19 km	96.59		1,008 m
08R	GS	IATL	109.90 MHz	10 nm	90.96	3.00	1,012 ft
				19 km	96.59		1,012 m
09L	GS	IHZK	110.50 MHz	10 nm	90.02	3.00	1,017 ft
				19 km	95.65		1,017 m
09R	GS	IFUN	108.90 MHz	10 nm	90.96	3.00	1,021 ft
				19 km	96.59		1,021 m
10	GS	IOMO	111.55 MHz	10 nm	90.94	3.00	985 ft
				19 km	96.57		985 m
26L	GS	IBRU	108.70 MHz	10 nm	270.96	3.00	992 ft
				19 km	276.59		992 m
26R	GS	IGXZ	110.10 MHz	10 nm	270.96	3.00	984 ft
				19 km	276.59		984 m
27L	GS	IFSQ	108.50 MHz	10 nm	270.96	3.00	990 ft
				19 km	276.59		990 m
27R	GS	IAFA	111.30 MHz	10 nm	270.02	3.00	981 ft
				19 km	275.65		981 m
28	GS	IPKU	111.75 MHz	10 nm	270.94	3.00	990 ft
				19 km	276.57		990 m