

# EDDH

Hamburg International Airport

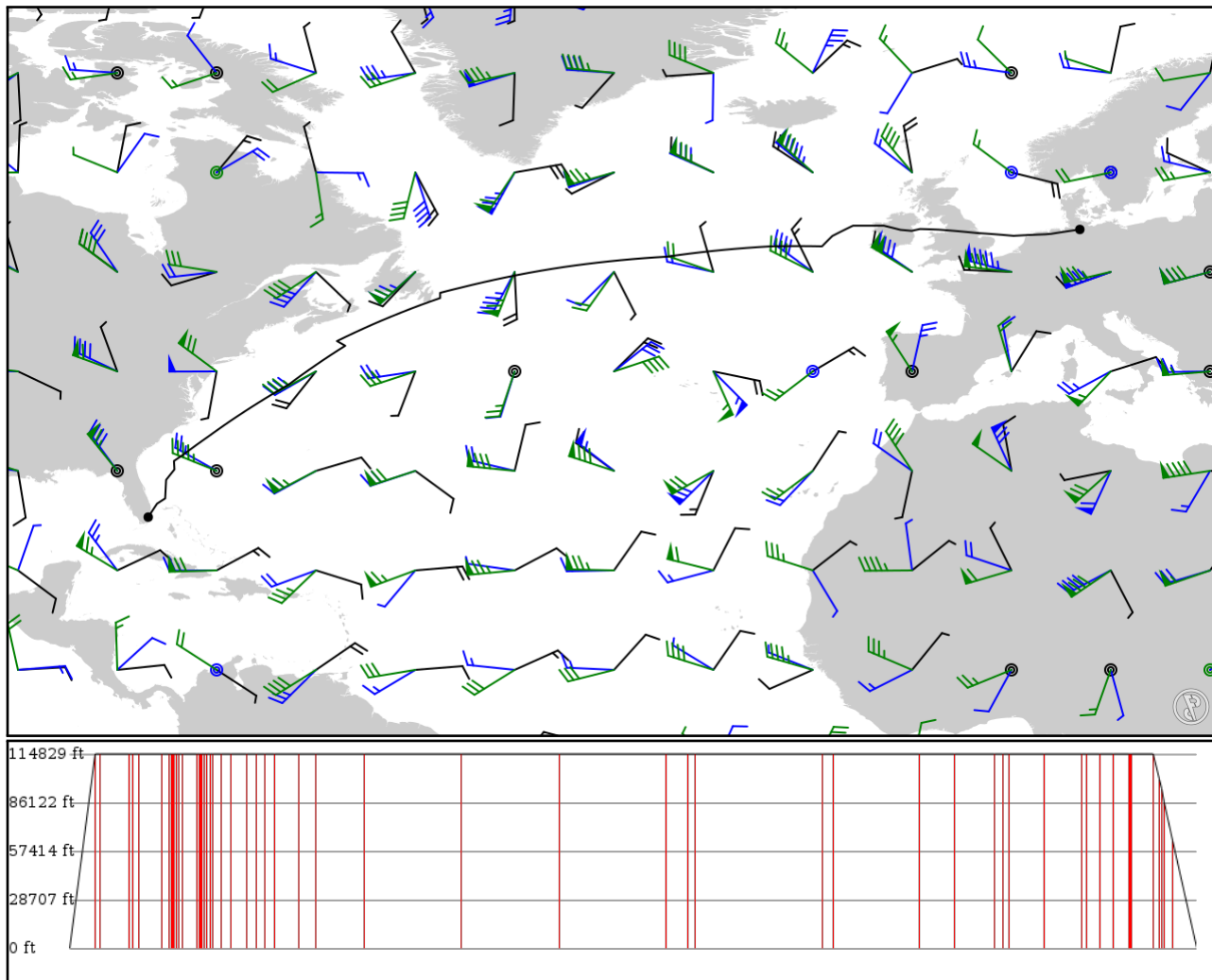
# KMIA

Miami Intl

2024/05/15 0728Z

EDDH DOBAK **UN125** EEL **UZ305** SUPUR **L60** PENIL **M144** BAGSO **V14** DUB **W13** INKUR 5400N0900W 5400N01000W  
5400N01100W 5400N01200W GISTI LIMRI **C** NISCO OMSAT **N167A** GAYBL NOVOK **M201** PERIE **AR3** CARPX **M202**  
ADOOR **BR65V** STIFF **A699** AMNDA KMIA

4392.43 nm / 8134.78 km



## Notes

Using NAT tracks from 24/9/2022

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
EDDH APT	-	53.63370 9.98526	0 ft 0 m	-	Hamburg International Airport
DOBAK FIX	-	53.21330 7.21694	35,000 ft 10,668 m	102	-
EEL VOR	UN125 AWY-HI	53.16420 6.66676	35,000 ft 10,668 m	20	EELDE (GRONINGEN)
SUPUR FIX	UZ305 AWY-HI	53.01520 3.56446	35,000 ft 10,668 m	112	-
KOLAG FIX	L60 AWY-HI	53.04350 3.25488	35,000 ft 10,668 m	11	-
SOPEK FIX	L60 AWY-LO	53.10890 2.50000	35,000 ft 10,668 m	27	-
OTBED FIX	L60 AWY-HI	53.28810 0.03194	35,000 ft 10,668 m	89	-
NISBI FIX	L60 AWY-HI	53.35810 -0.65583	35,000 ft 10,668 m	25	-
DOPEK FIX	L60 AWY-HI	53.38440 -0.92556	35,000 ft 10,668 m	9	-
ARTIX FIX	L60 AWY-HI	53.39500 -1.03583	35,000 ft 10,668 m	4	-
MOGMO FIX	L60 AWY-HI	53.41190 -1.21417	35,000 ft 10,668 m	6	-
MAMUL FIX	L60 AWY-HI	53.41810 -1.28000	35,000 ft 10,668 m	2	-
ADELU FIX	L60 AWY-HI	53.44170 -1.53694	35,000 ft 10,668 m	9	-
BOLBI FIX	L60 AWY-HI	53.46670 -1.81250	35,000 ft 10,668 m	9	-
SONEX FIX	L60 AWY-HI	53.49810 -2.17250	35,000 ft 10,668 m	13	-
PENIL FIX	L60 AWY-HI	53.61580 -3.66361	35,000 ft 10,668 m	53	-
BABRA FIX	M144 AWY-HI	53.62750 -3.94528	35,000 ft 10,668 m	10	-
GIGTO FIX	M144 AWY-HI	53.63360 -4.09750	35,000 ft 10,668 m	5	-
UNDUX FIX	M144 AWY-HI	53.64170 -4.31083	35,000 ft 10,668 m	7	-
SOPAX FIX	M144 AWY-HI	53.64690 -4.45222	35,000 ft 10,668 m	5	-
RAMOX FIX	M144 AWY-HI	53.66030 -4.83944	35,000 ft 10,668 m	13	-
OGTUG FIX	M144 AWY-HI	53.67000 -5.14722	35,000 ft 10,668 m	10	-
BAGSO FIX	M144 AWY-HI	53.68000 -5.50000	35,000 ft 10,668 m	12	-
DUB VOR	V14 AWY-LO	53.49940 -6.30711	35,000 ft 10,668 m	30	DUBLIN
INKUR FIX	W13 AWY-LO	53.59760 -7.39128	35,000 ft 10,668 m	39	-
5400N0900W LATLON	-	54.00000 -9.00000	35,000 ft 10,668 m	61	-
5400N01000W	-	54.00000	35,000 ft	35	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-10.00000	10,668 m		
5400N01100W	-	54.00000	35,000 ft	35	-
LATLON	-	-11.00000	10,668 m		
5400N01200W	-	54.00000	35,000 ft	35	-
LATLON	-	-12.00000	10,668 m		
GISTI	-	53.00000	35,000 ft	93	-
FIX	-	-14.00000	10,668 m		
LIMRI	-	52.00000	35,000 ft	70	-
FIX	-	-15.00000	10,668 m		
52/20	C	52.00000	35,000 ft	184	-
LATLON	NAT	-20.00000	10,668 m		
51/30	C	51.00000	35,000 ft	378	-
LATLON	NAT	-30.00000	10,668 m		
50/40	C	50.00000	35,000 ft	386	-
LATLON	NAT	-40.00000	10,668 m		
48/50	C	48.00000	35,000 ft	411	-
LATLON	NAT	-50.00000	10,668 m		
NICSO	C	47.50000	35,000 ft	86	-
FIX	NAT	-52.00000	10,668 m		
OMSAT	-	47.00000	35,000 ft	30	-
FIX	-	-52.00000	10,668 m		
GAYBL	N167A	42.83330	35,000 ft	492	-
FIX	AWY-HI	-62.00000	10,668 m		
NOVOK	-	42.38160	35,000 ft	44	-
FIX	-	-61.20160	10,668 m		
DRYED	M201	38.63230	35,000 ft	336	-
FIX	AWY-HI	-66.66750	10,668 m		
TILED	M201	37.26610	35,000 ft	136	-
FIX	AWY-HI	-68.97330	10,668 m		
ATUGI	M201	35.63850	35,000 ft	157	-
FIX	AWY-HI	-71.52670	10,668 m		
VEGAA	M201	35.32320	35,000 ft	29	-
FIX	AWY-HI	-72.00000	10,668 m		
PAEPR	M201	35.04200	35,000 ft	26	-
FIX	AWY-HI	-72.41660	10,668 m		
GALWY	M201	33.58340	35,000 ft	134	-
FIX	AWY-HI	-74.48670	10,668 m		
EMQUE	M201	31.99910	35,000 ft	146	-
FIX	AWY-HI	-76.68660	10,668 m		
HANRI	M201	31.76460	35,000 ft	21	-
FIX	AWY-HI	-77.00000	10,668 m		
PERIE	M201	31.22860	35,000 ft	51	-
FIX	AWY-HI	-77.79690	10,668 m		
CARPX	AR3	30.40800	35,000 ft	49	-
FIX	AWY-HI	-77.75000	10,668 m		
CANIT	M202	29.56250	35,000 ft	61	-
FIX	AWY-HI	-78.42580	10,668 m		
ETECK	M202	29.48570	35,000 ft	5	-
FIX	AWY-HI	-78.48730	10,668 m		
ADDOOR	M202	29.40010	35,000 ft	6	-
FIX	AWY-HI	-78.55570	10,668 m		
ELDER	BR65V	27.99120	35,000 ft	84	-
FIX	AWY-HI	-78.62700	10,668 m		
STIFF	BR65V	27.60520	30,500 ft	23	-
FIX	AWY-HI	-78.64610	9,296 m		
RAMJT	A699	27.52040	28,700 ft	8	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-78.78000	8,748 m		
PERMT	A699	27.41420	26,300 ft	10	-
FIX	AWY-HI	-78.94730	8,016 m		
AMNDA	A699	27.10000	19,400 ft	32	-
FIX	AWY-HI	-79.43640	5,913 m		
KMIA	-	25.79620	0 ft	90	Miami Intl
APT	-	-80.28970	0 m		

## EDDH

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 2

Elevation: 53 ft / 16 m  
Location: 53.633700 9.985260  
Magnetic Var: 3.693 E

## METAR

EDDH 150720Z AUTO 10010KT CAVOK 20/08 Q1011 BECMG 11015KT

## TAF

TAF EDDH 150500Z 1506/1612 10010KT CAVOK BECMG 1508/1510 10015G25KT PROB30 TEMPO 1511/1516 11020G30KT BECMG 1516/

## Frequencies

REC - 123.12 MHz - EDDH ATIS	GND - 121.80 MHz - HAMBURG GND
GND - 121.70 MHz - HAMBURG APRON	GND - 121.97 MHz - HAMBURG APRON
TWR - 121.27 MHz - HAMBURG TWR	TWR - 126.85 MHz - HAMBURG TWR
APP - 118.20 MHz - HAMBURG DIRECTOR	APP - 124.62 MHz - HAMBURG APP
APP - 134.25 MHz - BREMEN RADAR	APP - 136.67 MHz - BREMEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	151 ft	10,647 ft	50.18	ASPHALT	978 ft	194 ft
	46 m	3,245 m	46.49		298 m	59 m
23	151 ft	10,647 ft	230.22	ASPHALT	509 ft	239 ft
	46 m	3,245 m	226.52		155 m	73 m
15	151 ft	12,013 ft	152.89	ASPHALT	0 ft	194 ft
	46 m	3,662 m	149.20		0 m	59 m
33	151 ft	12,013 ft	332.91	ASPHALT	1,463 ft	164 ft
	46 m	3,662 m	329.22		446 m	50 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	LOC-ILS	IHHE	110.50 MHz	18 nm	50.21	-	53 ft
				33 km	46.52		53 m
15	LOC-ILS	IHHS	109.55 MHz	18 nm	152.91	-	53 ft
				33 km	149.22		53 m
23	LOC-ILS	IHHW	111.50 MHz	18 nm	230.21	-	53 ft
				33 km	226.52		53 m
33	LOC-LOC	IHHN	109.90 MHz	18 nm	332.91	-	53 ft
				33 km	329.22		53 m
05	GS	IHHE	110.50 MHz	10 nm	50.21	3.00	53 ft
				19 km	46.52		53 m
15	GS	IHHS	109.55 MHz	10 nm	152.91	3.00	53 ft
				19 km	149.22		53 m
23	GS	IHHW	111.50 MHz	10 nm	230.21	3.00	53 ft
				19 km	226.52		53 m
33	GS	IHHN	109.90 MHz	10 nm	332.91	3.00	53 ft
				19 km	329.22		53 m

## KMIA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 11 ft / 3 m  
Location: 25.796200 -80.289700  
Magnetic Var: 7.275 W

## METAR

KMIA 150653Z 17010KT 10SM SCT021 BKN060 28/24 A2990 RMK A02 SLP124 T02830239 \$

## TAF

KMIA 150536Z 1506/1612 17010KT P6SM FEW030 FM151500 21014G22KT P6SM SCT030 FM152200 24012G20KT P6SM SCT030 SCT060

## Frequencies

REC - 119.15 MHz - D-ATIS  
COM - 123.00 MHz - UNICOM  
GND - 121.80 MHz - MIAMI GROUND  
TWR - 118.30 MHz - MIAMI TOWER  
APP - 120.50 MHz - MIAMI APPROACH  
APP - 125.75 MHz - MIAMI APPROACH  
DEP - 125.50 MHz - MIAMI DEPARTURE

REC - 133.67 MHz - D-ATIS  
CLD - 135.35 MHz - CLEARANCE DELIVERY  
GND - 127.50 MHz - MIAMI GROUND  
TWR - 123.90 MHz - MIAMI TOWER  
APP - 124.85 MHz - MIAMI APPROACH  
DEP - 119.45 MHz - MIAMI DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	151 ft	13,027 ft	87.37	CONCRETE	1,371 ft	384 ft
	46 m	3,971 m	94.64		418 m	117 m
27	151 ft	13,027 ft	267.39	CONCRETE	276 ft	374 ft
	46 m	3,971 m	274.66		84 m	114 m
08R	200 ft	10,515 ft	87.38	CONCRETE	0 ft	407 ft
	61 m	3,205 m	94.65		0 m	124 m
26L	200 ft	10,515 ft	267.39	CONCRETE	0 ft	407 ft
	61 m	3,205 m	274.66		0 m	124 m
08L	151 ft	8,607 ft	87.38	CONCRETE	0 ft	387 ft
	46 m	2,624 m	94.65		0 m	118 m
26R	151 ft	8,607 ft	267.39	CONCRETE	0 ft	387 ft
	46 m	2,624 m	274.67		0 m	118 m
12	151 ft	9,366 ft	119.61	CONCRETE	0 ft	397 ft
	46 m	2,855 m	126.88		0 m	121 m
30	151 ft	9,366 ft	299.62	CONCRETE	948 ft	0 ft
	46 m	2,855 m	306.90		289 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	DME	IROY	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	DME	IMFA	110.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
12	DME	IGEM	108.90 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
26L	DME	IVIN	109.10 MHz	18 nm	-	-	12 ft
				33 km	-		12 m
26R	DME	ICNV	109.30 MHz	18 nm	-	-	8 ft
				33 km	-		8 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30	DME	IDCX	111.70 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
08R	LOC-ILS	IMFA	110.30 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
09	LOC-ILS	IBUL	110.90 MHz	18 nm	87.37	-	4 ft
				33 km	94.64		4 m
12	LOC-ILS	IGEM	108.90 MHz	18 nm	119.60	-	4 ft
				33 km	126.87		4 m
26L	LOC-ILS	IVIN	109.10 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
27	LOC-ILS	IMIA	109.50 MHz	18 nm	267.37	-	4 ft
				33 km	274.64		4 m
30	LOC-ILS	IDCX	111.70 MHz	18 nm	299.60	-	4 ft
				33 km	306.87		4 m
08L	LOC-LOC	IROY	109.30 MHz	18 nm	87.36	-	4 ft
				33 km	94.63		4 m
26R	LOC-LOC	ICNV	109.30 MHz	18 nm	267.36	-	4 ft
				33 km	274.63		4 m
08R	GS	IMFA	110.30 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
09	GS	IBUL	110.90 MHz	10 nm	87.37	3.00	4 ft
				19 km	94.64		4 m
12	GS	IGEM	108.90 MHz	10 nm	119.60	3.00	4 ft
				19 km	126.87		4 m
26L	GS	IVIN	109.10 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
27	GS	IMIA	109.50 MHz	10 nm	267.37	3.00	4 ft
				19 km	274.64		4 m
30	GS	IDCX	111.70 MHz	10 nm	299.60	3.00	4 ft
				19 km	306.87		4 m