

# KORD

Chicago O'Hare International

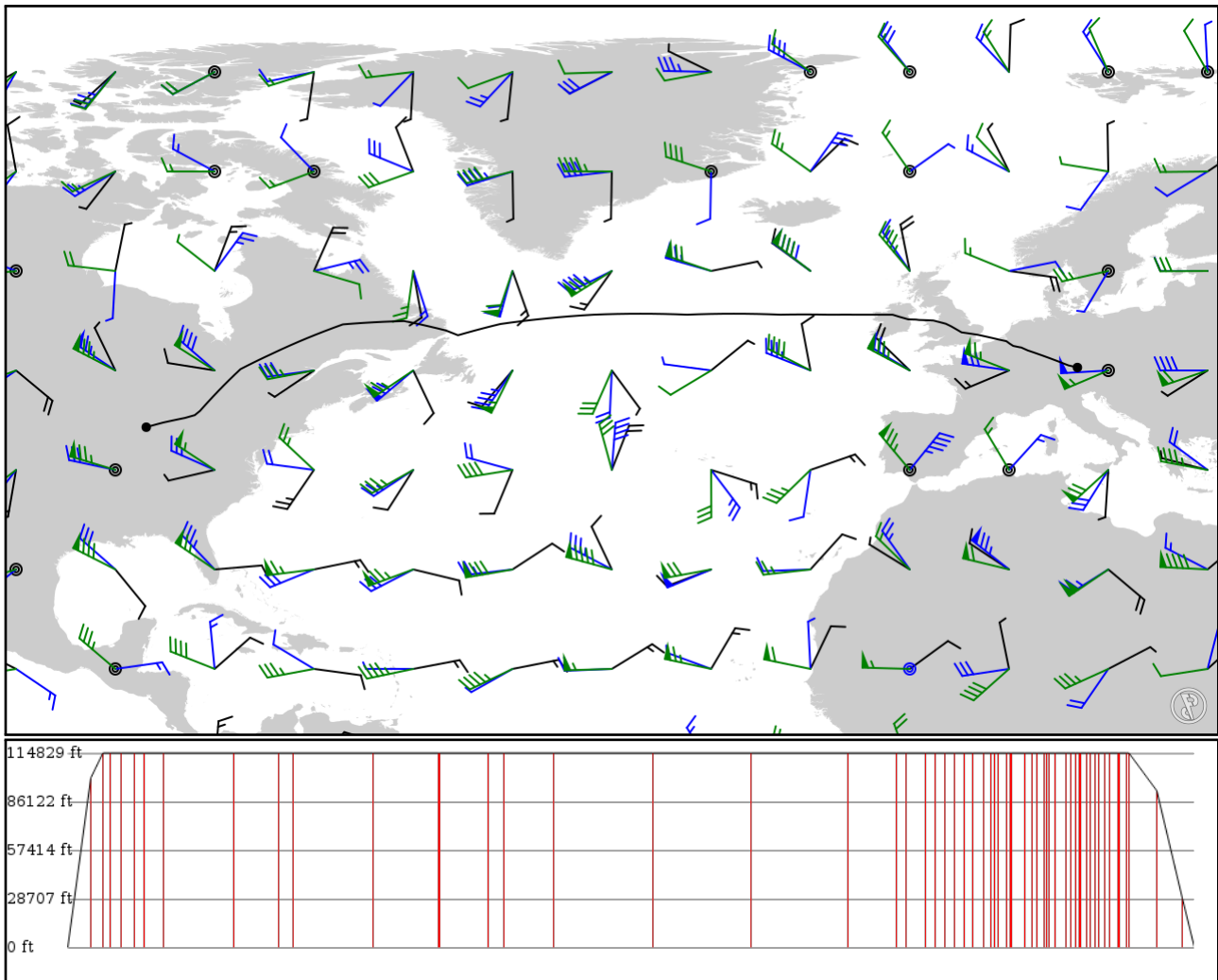
# EDDM

Muenchen International Airport Franz-Josef Strauss

2024/05/09 0419Z

KORD PMM **J547** FNT **Q824** HOCKE **Q923** YVO **J545** MT **J551** YWK **V39** YZR YR **AR29** YMH RIKAL T BEXET  
5400N01200W 5400N01100W 5400N01000W 5400N0900W 5400N0800W OLAP0 **L149** DUB **L975** LIFFY **Q36** NUGRA **Y53**  
SAPCO **UN57** WELIN **N57** HEIDI **M189** CLN **L608** SASKI **L179** NIK **UM624** REMBA **UL607** PELIX **UZ210** LIRSU **UZ315**  
RIDAR EDDM

4083.54 nm / 7562.72 km



## Notes

Using NAT tracks from 6/3/2024

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
KORD APT	-	41.97340 -87.90660	0 ft 0 m	-	Chicago O'Hare International
PMM VOR	-	42.46600 -86.10480	30,500 ft 9,296 m	85	PULLMAN
HASTE FIX	J547 AWY-HI	42.67100 -85.16740	35,000 ft 10,668 m	43	-
DEWIT FIX	J547 AWY-HI	42.80250 -84.55000	35,000 ft 10,668 m	28	-
FNT VOR	J547 AWY-HI	42.96680 -83.74700	35,000 ft 10,668 m	36	FLINT
HOCKE FIX	Q824 AWY-HI	43.26210 -82.71060	35,000 ft 10,668 m	48	-
KARIT FIX	Q923 AWY-HI	43.72310 -82.14440	35,000 ft 10,668 m	37	-
DUTEL FIX	Q923 AWY-HI	44.66640 -81.29640	35,000 ft 10,668 m	67	-
YVO VOR	Q923 AWY-HI	48.17530 -77.82030	35,000 ft 10,668 m	255	VAL-D'OR
MT NDB	J545 AWY-HI	49.79960 -74.49550	35,000 ft 10,668 m	163	CHIBOO (CHIBOUGAMAU)
ILUGO FIX	J551 AWY-HI	50.32090 -73.37970	35,000 ft 10,668 m	53	-
YWK VOR	J551 AWY-HI	52.96010 -66.85350	35,000 ft 10,668 m	290	WABUSH
YYR VOR	V39 AWY-LO	53.31970 -60.29470	35,000 ft 10,668 m	237	GOOSE (GOOSE BAY)
YR NDB	- -	53.33780 -60.36580	35,000 ft 10,668 m	2	GOOSE (GOOSE BAY)
YMH NDB	AR29 AWY-LO	52.31460 -55.83150	35,000 ft 10,668 m	175	MARY'S HARBOUR
RIKAL FIX	- -	51.80000 -54.53330	35,000 ft 10,668 m	57	-
53/50 LATLON	T NAT	53.00000 -50.00000	35,000 ft 10,668 m	181	-
54/40 LATLON	T NAT	54.00000 -40.00000	35,000 ft 10,668 m	361	-
54/30 LATLON	T NAT	54.00000 -30.00000	35,000 ft 10,668 m	352	-
54/20 LATLON	T NAT	54.00000 -20.00000	35,000 ft 10,668 m	352	-
DOGAL FIX	T NAT	54.00000 -15.00000	35,000 ft 10,668 m	176	-
BEXET FIX	T NAT	54.00000 -14.00000	35,000 ft 10,668 m	35	-
5400N01200W LATLON	- -	54.00000 -12.00000	35,000 ft 10,668 m	70	-
5400N01100W LATLON	- -	54.00000 -11.00000	35,000 ft 10,668 m	35	-
5400N01000W LATLON	- -	54.00000 -10.00000	35,000 ft 10,668 m	35	-
5400N0900W LATLON	- -	54.00000 -9.00000	35,000 ft 10,668 m	35	-
5400N0800W	-	54.00000	35,000 ft	35	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-8.00000	10,668 m		
OLAPO	-	53.78030	35,000 ft	28	-
FIX	-	-7.29461	10,668 m		
DUB	L149	53.49940	35,000 ft	38	DUBLIN
VOR	AWY-LO	-6.30711	10,668 m		
LIFFY	L975	53.48010	35,000 ft	28	-
FIX	AWY-LO	-5.50000	10,668 m		
RULAV	Q36	53.43720	35,000 ft	12	-
FIX	AWY-HI	-5.16694	10,668 m		
ABGEP	Q36	53.42750	35,000 ft	10	-
FIX	AWY-HI	-4.86111	10,668 m		
ALAVA	Q36	53.39530	35,000 ft	31	-
FIX	AWY-HI	-3.97139	10,668 m		
NOSLO	Q36	53.38170	35,000 ft	11	-
FIX	AWY-HI	-3.64500	10,668 m		
EPOXI	Q36	53.33310	35,000 ft	7	-
FIX	AWY-HI	-3.45500	10,668 m		
NUGRA	Q36	53.02940	35,000 ft	45	-
FIX	AWY-HI	-2.30389	10,668 m		
PEDIG	Y53	52.74670	35,000 ft	27	-
FIX	AWY-LO	-1.71944	10,668 m		
SAPCO	Y53	52.54030	35,000 ft	18	-
FIX	AWY-LO	-1.35694	10,668 m		
WELIN	UN57	52.24720	35,000 ft	25	-
FIX	AWY-HI	-0.85222	10,668 m		
HEIDI	N57	52.11220	35,000 ft	11	-
FIX	AWY-LO	-0.62333	10,668 m		
POTON	M189	52.08440	35,000 ft	7	-
FIX	AWY-LO	-0.42722	10,668 m		
ADMIS	M189	51.99690	35,000 ft	22	-
FIX	AWY-LO	0.17667	10,668 m		
CLN	M189	51.84850	35,000 ft	37	CLACTON
VOR	AWY-LO	1.14759	10,668 m		
LOGAN	L608	51.74760	35,000 ft	18	-
FIX	AWY-HI	1.61183	10,668 m		
SUMUM	L608	51.63720	35,000 ft	19	-
FIX	AWY-HI	2.10778	10,668 m		
INLOD	L608	51.58040	35,000 ft	9	-
FIX	AWY-LO	2.35893	10,668 m		
SASKI	L608	51.54810	35,000 ft	5	-
FIX	AWY-LO	2.50000	10,668 m		
KEGIT	L179	51.40700	35,000 ft	24	-
FIX	AWY-LO	3.10660	10,668 m		
COA	L179	51.34810	35,000 ft	9	COSTA
VOR	AWY-LO	3.35528	10,668 m		
HELEN	L179	51.23530	35,000 ft	20	-
FIX	AWY-LO	3.86971	10,668 m		
NIK	L179	51.16500	35,000 ft	12	NICKY
VOR	AWY-LO	4.18389	10,668 m		
BUB	UM624	50.90230	35,000 ft	20	BRUSSELS
VOR	AWY-HI	4.53808	10,668 m		
REMB	UM624	50.66220	35,000 ft	20	-
FIX	AWY-HI	4.91403	10,668 m		
SPI	UL607	50.51470	35,000 ft	28	SPRIMONT
VOR	AWY-HI	5.62361	10,668 m		
PELIX	UL607	50.49690	35,000 ft	5	-

Ident Type	Via		Lat Lon	Alt		Dist (nm)	Name
FIX	AWY-HI	5.76250	10,668 m				
OSLUM	UZ210	50.26780	35,000 ft	23	-		
FIX	AWY-HI	6.27500	10,668 m				
LIRSU	UZ210	50.18670	35,000 ft	8	-		
FIX	AWY-HI	6.45333	10,668 m				
LALMI	UZ315	49.34860	28,200 ft	104	-		
FIX	AWY-HI	8.82694	8,595 m				
RIDAR	UZ315	48.58840	8,900 ft	90	-		
FIX	AWY-HI	10.80280	2,713 m				
EDDM	-	48.35380	0 ft	41	Muenchen International Airport Franz-Josef Strauss		
APT	-	11.78610	0 m				

## KORD

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 6

Elevation: 680 ft / 207 m  
Location: 41.973400 -87.906600  
Magnetic Var: 4.110 W

## METAR

KORD 090351Z 06008KT 10SM OVC100 17/08 A2972 RMK AO2 SLP060 T01670078

## TAF

TAF AMD KORD 090256Z 0903/1006 07012KT P6SM FEW060 BKN090 FM090400 06013KT P6SM VCSH BKN050 OVC090 FM090800 04014

## Frequencies

REC - 135.40 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 119.25 MHz - CLEARANCE DELIVERY	CLD - 121.60 MHz - CLEARANCE DELIVERY
GND - 118.05 MHz - O'HARE GROUND	GND - 121.67 MHz - O'HARE GROUND
GND - 121.75 MHz - O'HARE GROUND	GND - 121.90 MHz - O'HARE GROUND
GND - 124.12 MHz - O'HARE GROUND	GND - 134.12 MHz - O'HARE GROUND
TWR - 120.75 MHz - O'HARE TOWER	TWR - 121.15 MHz - O'HARE TOWER
TWR - 126.90 MHz - O'HARE TOWER	TWR - 127.92 MHz - O'HARE TOWER
TWR - 132.70 MHz - O'HARE TOWER	TWR - 128.15 MHz - O'HARE TOWER
TWR - 133.00 MHz - O'HARE TOWER	APP - 119.00 MHz - CHICAGO APPROACH
APP - 133.62 MHz - CHICAGO APPROACH	APP - 124.35 MHz - CHICAGO APPROACH
APP - 125.70 MHz - CHICAGO APPROACH	DEP - 125.00 MHz - CHICAGO DEPARTURE
DEP - 125.40 MHz - CHICAGO DEPARTURE	DEP - 127.40 MHz - CHICAGO DEPARTURE
DEP - 128.80 MHz - CHICAGO DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10C	200 ft	10,789 ft	89.85	CONCRETE	0 ft	397 ft
	61 m	3,289 m	93.96		0 m	121 m
28C	200 ft	10,789 ft	269.88	CONCRETE	0 ft	381 ft
	61 m	3,289 m	273.99		0 m	116 m
10L	151 ft	12,996 ft	89.87	CONCRETE	0 ft	394 ft
	46 m	3,961 m	93.99		0 m	120 m
28R	151 ft	12,996 ft	269.91	CONCRETE	0 ft	285 ft
	46 m	3,961 m	274.02		0 m	87 m
04R	151 ft	8,074 ft	41.40	CONCRETE	0 ft	850 ft
	46 m	2,461 m	45.51		0 m	259 m
22L	151 ft	8,074 ft	221.41	CONCRETE	0 ft	584 ft
	46 m	2,461 m	225.52		0 m	178 m
09R	151 ft	7,949 ft	89.98	CONCRETE	0 ft	148 ft
	46 m	2,423 m	94.09		0 m	45 m
27L	151 ft	7,949 ft	270.00	CONCRETE	0 ft	197 ft
	46 m	2,423 m	274.11		0 m	60 m
09L	151 ft	7,484 ft	89.99	CONCRETE	0 ft	397 ft
	46 m	2,281 m	94.10		0 m	121 m
27R	151 ft	7,484 ft	270.00	CONCRETE	0 ft	397 ft
	46 m	2,281 m	274.12		0 m	121 m
10R	151 ft	7,484 ft	89.85	CONCRETE	0 ft	400 ft
	46 m	2,281 m	93.96		0 m	122 m
28L	151 ft	7,484 ft	269.87	CONCRETE	0 ft	400 ft
	46 m	2,281 m	273.98		0 m	122 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	ISAJ	111.75 MHz	18 nm	-	-	668 ft
				33 km	-		668 m
10L	DME	IMED	111.10 MHz	18 nm	-	-	678 ft
				33 km	-		678 m
27L	DME	IIAC	110.50 MHz	18 nm	-	-	641 ft
				33 km	-		641 m
27R	DME	IABU	111.75 MHz	18 nm	-	-	668 ft
				33 km	-		668 m
28R	DME	ITSL	111.10 MHz	18 nm	-	-	678 ft
				33 km	-		678 m
04R	LOC-ILS	IFJU	110.10 MHz	18 nm	41.41	-	680 ft
				33 km	45.52		680 m
09L	LOC-ILS	ISAJ	111.75 MHz	18 nm	90.00	-	680 ft
				33 km	94.11		680 m
09R	LOC-ILS	IJAV	110.50 MHz	18 nm	89.99	-	680 ft
				33 km	94.10		680 m
10L	LOC-ILS	IMED	111.10 MHz	18 nm	89.89	-	680 ft
				33 km	94.00		680 m
10C	LOC-ILS	ISXH	108.95 MHz	18 nm	89.86	-	680 ft
				33 km	93.97		680 m
10R	LOC-ILS	IIZJ	110.75 MHz	18 nm	89.86	-	680 ft
				33 km	93.97		680 m
22L	LOC-ILS	ILQQ	110.10 MHz	18 nm	221.41	-	680 ft
				33 km	225.52		680 m
27L	LOC-ILS	IIAC	110.50 MHz	18 nm	269.99	-	680 ft
				33 km	274.10		680 m
27R	LOC-ILS	IABU	111.75 MHz	18 nm	270.00	-	680 ft
				33 km	274.11		680 m
28L	LOC-ILS	IVQX	110.75 MHz	18 nm	269.87	-	680 ft
				33 km	273.98		680 m
28C	LOC-ILS	IVZE	108.95 MHz	18 nm	269.87	-	680 ft
				33 km	273.98		680 m
28R	LOC-ILS	ITSL	111.10 MHz	18 nm	269.88	-	680 ft
				33 km	273.99		680 m
04R	GS	IFJU	110.10 MHz	10 nm	41.41	3.00	680 ft
				19 km	45.52		680 m
09L	GS	ISAJ	111.75 MHz	10 nm	90.00	3.00	680 ft
				19 km	94.11		680 m
09R	GS	IJAV	110.50 MHz	10 nm	89.99	3.00	680 ft
				19 km	94.10		680 m
10L	GS	IMED	111.10 MHz	10 nm	89.89	3.00	680 ft
				19 km	94.00		680 m
10C	GS	ISXH	108.95 MHz	10 nm	89.86	3.00	680 ft
				19 km	93.97		680 m
10R	GS	IIZJ	110.75 MHz	10 nm	89.86	3.00	680 ft
				19 km	93.97		680 m
22L	GS	ILQQ	110.10 MHz	10 nm	221.41	3.00	680 ft
				19 km	225.52		680 m
27L	GS	IIAC	110.50 MHz	10 nm	269.99	3.00	680 ft
				19 km	274.10		680 m
27R	GS	IABU	111.75 MHz	10 nm	270.00	3.00	680 ft
				19 km	274.11		680 m
28L	GS	IVQX	110.75 MHz	10 nm	269.87	3.00	680 ft
				19 km	273.98		680 m
28C	GS	IVZE	108.95 MHz	10 nm	269.87	3.00	680 ft
				19 km	273.98		680 m
28R	GS	ITSL	111.10 MHz	10 nm	269.88	3.00	680 ft
				19 km	273.99		680 m

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.940 E

## METAR

EDDM 090350Z AUTO 34002KT 9999 FEW014 09/09 Q1025 NOSIG

## TAF

TAF EDDM 082300Z 0900/1006 30002KT 9999 BKN025 BECMG 0905/0907 05006KT BECMG 0917/0919 VRB02KT

## Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m