

# EDDM

Muenchen International Airport Franz-Josef Strauss

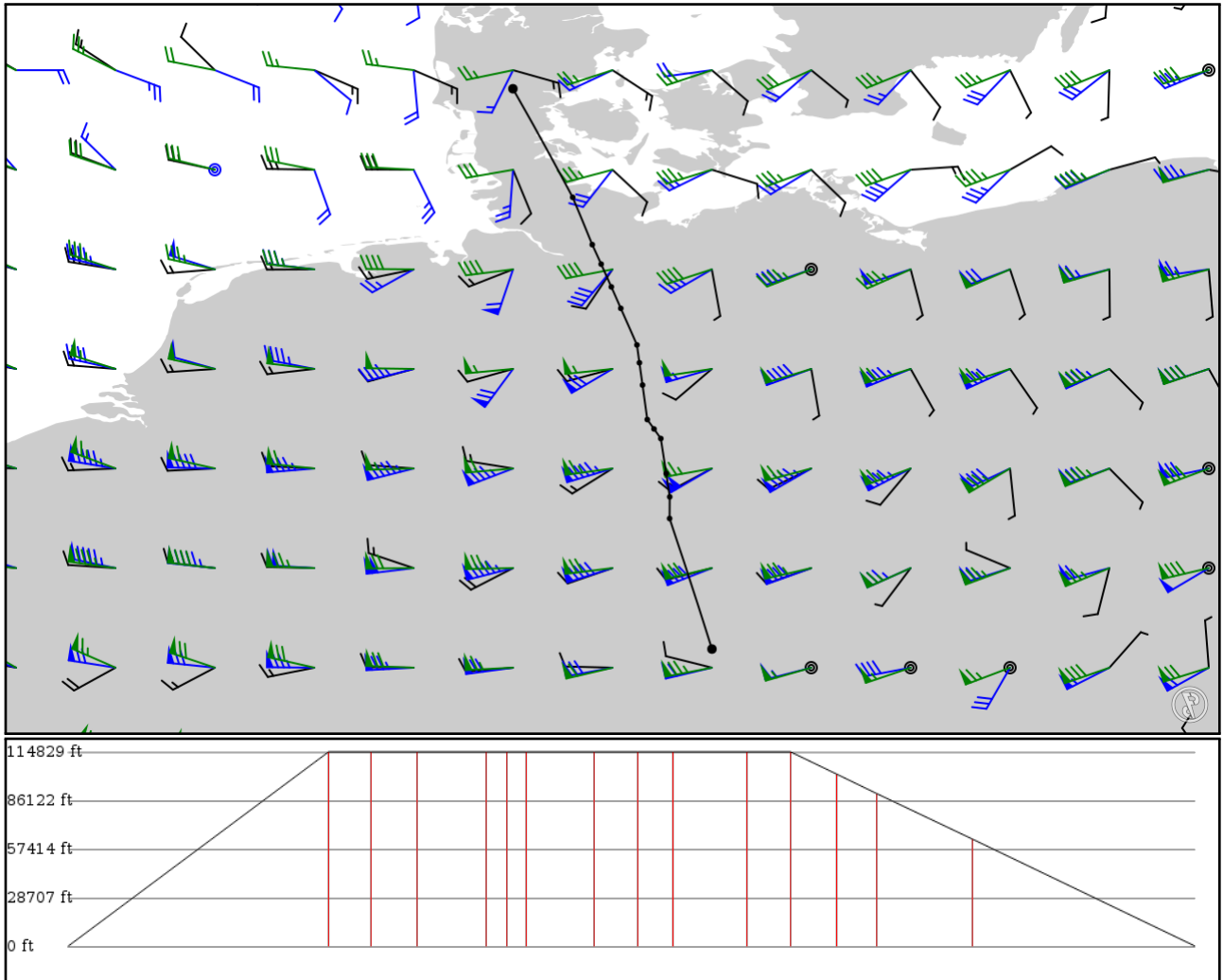
# EKBI

Billund

2024/05/20 0727Z

EDDM LONLI **UM726** LASTO **UM852** ABGEB EKBI

455.90 nm / 844.33 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
EDDM	-	48.35380	0 ft	-		Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m			
LONLI	-	50.07470	35,000 ft	105	-	
FIX	-	11.22640	10,668 m			
LASGA	UM726	50.36060	35,000 ft	17	-	
FIX	AWY-HI	11.22810	10,668 m			
NARUS	UM726	50.66830	35,000 ft	18	-	
FIX	AWY-HI	11.18150	10,668 m			
LASTO	UM726	51.12900	35,000 ft	27	-	
FIX	AWY-HI	11.11070	10,668 m			
SOMIX	UM852	51.25530	35,000 ft	8	-	
FIX	AWY-HI	11.02070	10,668 m			
BIRKA	UM852	51.37940	35,000 ft	8	-	
FIX	AWY-HI	10.93170	10,668 m			
LARET	UM852	51.83440	35,000 ft	27	-	
FIX	AWY-HI	10.86930	10,668 m			
POVEL	UM852	52.12840	35,000 ft	17	-	
FIX	AWY-HI	10.82780	10,668 m			
HLZ	UM852	52.36340	35,000 ft	14	HEHLINGEN	
VOR	AWY-HI	10.79520	10,668 m			
ULSEN	UM852	52.84580	35,000 ft	29	-	
FIX	AWY-HI	10.58190	10,668 m			
DENIX	UM852	53.12880	35,000 ft	17	-	
FIX	AWY-HI	10.45690	10,668 m			
AMLUH	UM852	53.42900	31,000 ft	18	-	
FIX	AWY-HI	10.32250	9,449 m			
HAM	UM852	53.68560	27,500 ft	15	HAMBURG	
VOR	AWY-HI	10.20500	8,382 m			
ABGEB	UM852	54.30940	19,300 ft	38	-	
FIX	AWY-HI	9.94667	5,883 m			
EKBI	-	55.74050	0 ft	90	Billund	
APT	-	9.15708	0 m			

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.944 E

## METAR

EDDM 200720Z AUTO VRB02KT CAVOK 17/11 Q1012 BECMG 08005KT

## TAF

TAF EDDM 200500Z 2006/2112 VRB02KT CAVOK BECMG 2008/2010 07006KT PROB30 TEMPO 2106/2108 BKN012

## 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	79.44		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.48		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

## EKBI

Region: DENMARK / FAROE ISLANDS  
Timezone: EUROPE/COPENHAGEN  
Runways: 1

Elevation: 247 ft / 75 m  
Location: 55.740500 9.157080  
Magnetic Var: 3.495 E

## METAR

EKBI 200720Z AUTO 03006KT 350V060 9999 NCD 19/07 Q1013

## TAF

TAF EKBI 200504Z 2006/2106 VRB02KT CAVOK BECMG 2008/2011 10010KT TEMPO 2011/2017 FEW050CB

## Frequencies

REC - 118.77 MHz - ATIS  
TWR - 119.00 MHz - BILLUND TOWER  
APP - 119.25 MHz - BILLUND ARRIVAL  
GND - 131.90 MHz - BILLUND HANDLING  
APP - 127.57 MHz - BILLUND APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	10,180 ft	86.84	ASPHALT	492 ft	0 ft
	45 m	3,103 m	83.35		150 m	0 m
27	148 ft	10,180 ft	266.88	ASPHALT	492 ft	0 ft
	45 m	3,103 m	263.39		150 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
27	DME	LEL	110.70 MHz	18 nm	-	-	246 ft
				33 km	-		246 m
09	LOC-ILS	BIL	111.70 MHz	18 nm	86.85	-	247 ft
				33 km	83.36		247 m
27	LOC-ILS	LEL	110.70 MHz	18 nm	266.86	-	247 ft
				33 km	263.36		247 m
09	GS	BIL	111.70 MHz	10 nm	87.70	3.00	247 ft
				19 km	84.21		247 m
27	GS	LEL	110.70 MHz	10 nm	267.70	3.00	247 ft
				19 km	264.21		247 m