

EDDM

Muenchen Franz-Josef Strauss

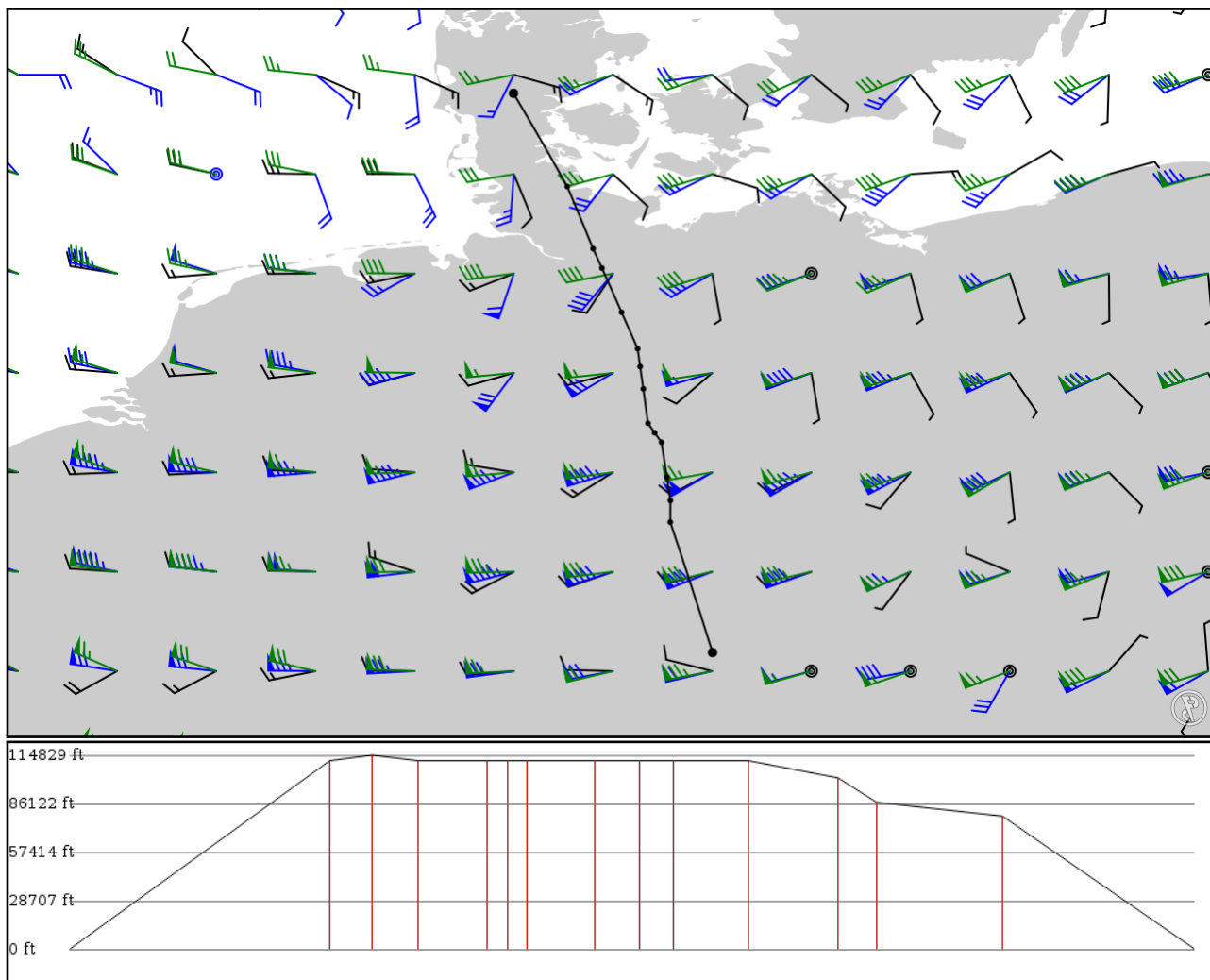
EKBI

Billund

2024/05/05 0400Z

EDDM LONLI **UM726** LASTO **UM852** EKERN EKBI

455.74 nm / 844.02 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
EDDM	-	48.35379	0 ft	-	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m		
LONLI	-	50.07472	34,000 ft	105	-
FIX	-	11.22639	10,363 m		
LASGA	UM726	50.36056	35,000 ft	17	-
FIX	AWY-HI	11.22806	10,668 m		
NARUS	UM726	50.66833	34,000 ft	18	-
FIX	AWY-HI	11.18167	10,363 m		
LASTO	UM726	51.12903	34,000 ft	27	-
FIX	AWY-HI	11.11066	10,363 m		
SOMIX	UM852	51.25453	34,000 ft	8	-
FIX	AWY-HI	11.01969	10,363 m		
BIRKA	UM852	51.37944	34,000 ft	8	-
FIX	AWY-HI	10.93167	10,363 m		
LARET	UM852	51.83444	34,000 ft	27	-
FIX	AWY-HI	10.86944	10,363 m		
POVEL	UM852	52.12833	34,000 ft	17	-
FIX	AWY-HI	10.82778	10,363 m		
HLZ	UM852	52.36339	34,000 ft	14	HEHLINGEN VOR-DME
VOR	AWY-HI	10.79522	10,363 m		
ULSEN	UM852	52.84583	34,000 ft	30	-
FIX	AWY-HI	10.58194	10,363 m		
AMLUH	UM852	53.42889	30,900 ft	36	-
FIX	AWY-HI	10.32250	9,418 m		
HAM	UM852	53.68558	26,500 ft	15	HAMBURG VORTAC
VOR	AWY-HI	10.20500	8,077 m		
EKERN	UM852	54.50583	24,000 ft	50	-
FIX	AWY-HI	9.86389	7,315 m		
EKBI	-	55.73618	0 ft	77	Billund
APT	-	9.15206	0 m		

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.939 E

METAR

EDDM 050320Z AUTO 26003KT 4000 BR NSC 06/06 Q1012 BECMG 7000

TAF

TAF AMD EDDM 050146Z 0501/0606 VRB03KT CAVOK TEMPO 0501/0505 2500 BCFG BECMG 0504/0506 24005KT BECMG 0508/0511 2500

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

EKBI

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

Elevation: 247 ft / 75 m
Location: 55.740500 9.157080
Magnetic Var: 3.489 E

METAR

EKBI 050320Z AUTO 03002KT 9999 SCT076/// BKN100/// 06/05 Q1009

TAF

TAF EKBI 042309Z 0500/0524 07008KT 9999 BKN025 TEMPO 0500/0506 4000 BR BECMG 0506/0509 -RADZ BKN012 TEMPO 0509/0512 4000 BR

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	263.37		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