

# EDDM

Muenchen International Airport Franz-Josef Strauss

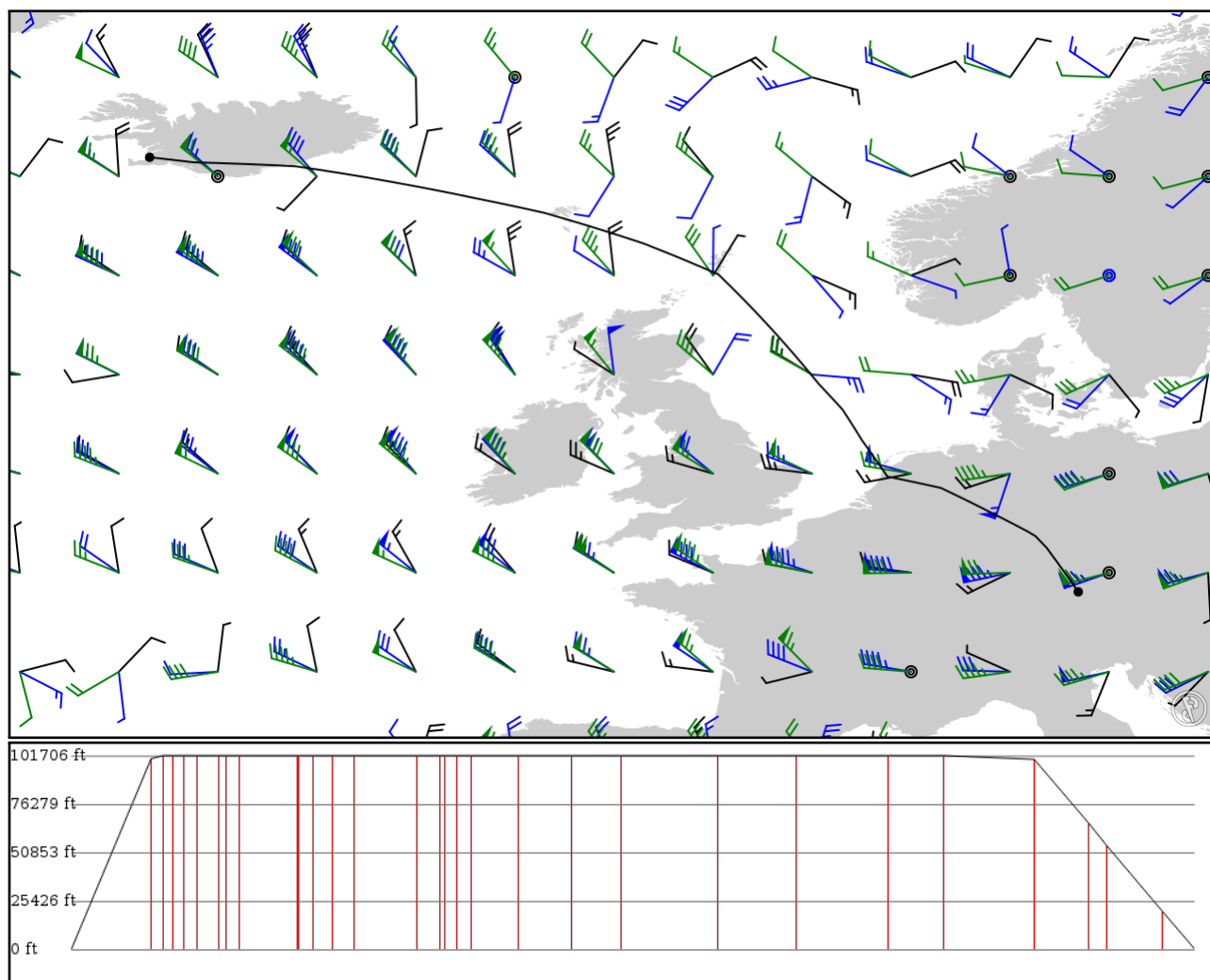
# BIRK

Reykjavik

2024/05/17 2153Z

EDDM BOREP **Y102** ALIBU **UL604** RELBI **UL602** SPY **UL7** LONAM **L7** SUM PEMOS **G11** MY **G3** NASBU BIRK

1499.69 nm / 2777.43 km



## Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 200kts
- Cruise Altitude: 31000ft
- Cruise Speed: 420kts
- Descent Rate: 1000ft/min
- Descent Speed: 200kts

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			
BOREP	-	49.96580	30,500 ft	106	-	
FIX	-	10.62780	9,296 m			
TESDU	Y102	50.20690	31,000 ft	17	-	
FIX	AWY-HI	10.39530	9,449 m			
ALIBU	Y102	50.37720	31,000 ft	12	-	
FIX	AWY-HI	10.23030	9,449 m			
DEMAB	UL604	50.54110	31,000 ft	14	-	
FIX	AWY-HI	9.95583	9,449 m			
MASEK	UL604	50.72920	31,000 ft	17	-	
FIX	AWY-HI	9.59833	9,449 m			
EDEGA	UL604	51.03470	31,000 ft	28	-	
FIX	AWY-HI	9.00778	9,449 m			
MAPOX	UL604	51.13360	31,000 ft	9	-	
FIX	AWY-HI	8.81389	9,449 m			
BIGGE	UL604	51.32560	31,000 ft	18	-	
FIX	AWY-HI	8.43278	9,449 m			
RELBI	UL604	52.11830	31,000 ft	76	-	
FIX	AWY-HI	6.81361	9,449 m			
RKN	UL602	52.13320	31,000 ft	2		REKKEN VOR-DME
DME	AWY-HI	6.76388	9,449 m			
TENLI	UL602	52.24650	31,000 ft	20	-	
FIX	AWY-HI	6.25014	9,449 m			
FLEVO	UL602	52.38530	31,000 ft	25	-	
FIX	AWY-HI	5.60217	9,449 m			
SPY	UL602	52.54030	31,000 ft	28		SPIJKERBOOR
VOR	AWY-HI	4.85378	9,449 m			
LONAM	UL7	53.83960	31,000 ft	84	-	
FIX	AWY-HI	3.94254	9,449 m			
VENAS	L7	54.30560	31,000 ft	29	-	
FIX	AWY-HI	3.65222	9,449 m			
GOLVO	L7	54.41140	31,000 ft	6	-	
FIX	AWY-HI	3.58556	9,449 m			
PELET	L7	54.65330	31,000 ft	15	-	
FIX	AWY-HI	3.43111	9,449 m			
ASKAM	L7	54.96310	31,000 ft	19	-	
FIX	AWY-HI	3.23056	9,449 m			
CUTEL	L7	55.88580	31,000 ft	62	-	
FIX	AWY-HI	2.37444	9,449 m			
ODMIX	L7	56.97000	31,000 ft	71	-	
FIX	AWY-HI	1.46750	9,449 m			
FORTY	L7	57.95000	31,000 ft	65	-	
FIX	AWY-HI	0.59583	9,449 m			
SUM	L7	59.87880	31,000 ft	129		SUMBURGH
VOR	AWY-HI	-1.28653	9,449 m			
PEMOS	-	61.00000	31,000 ft	104	-	
FIX	-	-4.00000	9,449 m			
MY	G11	62.10690	31,000 ft	122		MYGGENAES (VAGAR)
NDB	AWY-HI	-7.58768	9,449 m			
LARUX	G3	62.62170	31,000 ft	73	-	
FIX	AWY-HI	-10.00000	9,449 m			
ROSTI	G3	63.40640	30,400 ft	121	-	

Ident Type		Via	Lat Lon		Alt	Dist (nm)	Name
FIX	AWY-HI	-14.11220	9,266 m				
ING	G3	63.80310	20,200 ft	71	INGO		
VOR	AWY-HI	-16.63810	6,157 m				
MIKLA	G3	63.84830	16,600 ft	24	-		
FIX	AWY-HI	-17.57420	5,060 m				
NASBU	G3	63.94670	6,100 ft	73	-		
FIX	AWY-HI	-20.34820	1,859 m				
BIRK	-	64.13000	0 ft	43	Reykjavik		
APT	-	-21.94060	0 m				

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.943 E

## METAR

EDDM 172120Z AUTO 20003KT 140V250 9999 FEW045 12/08 Q1011 NOSIG

## TAF

TAF EDDM 171700Z 1718/1824 22007KT 9999 BKN035 BECMG 1813/1815 28005KT

## 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

## BIRK

Region: ICELAND  
Timezone: ATLANTIC/REYKJAVIK  
Runways: 2

Elevation: 43 ft / 13 m  
Location: 64.130000 -21.940600  
Magnetic Var: 12.075 W

## METAR

BIRK 172100Z 25007KT 9999 FEW019 BKN031 06/02 Q1014

## TAF

TAF BIRK 171933Z 1721/1821 29010KT 9999 SCT020 BKN030 TX09/1816Z TN03/1806Z TEMPO 1800/1808 -DZ BKN009 OVC016 BECMO 03000

## Frequencies

REC - 128.10 MHz - REYKJAVIK INFORMATION  
TWR - 118.00 MHz - REYKJAVIK TOWER  
GND - 121.70 MHz - REYKJAVIK GROUND  
APP - 119.00 MHz - REYKJAVIK APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	148 ft	5,243 ft	355.27	ASPHALT	400 ft	0 ft
	45 m	1,598 m	7.35		122 m	0 m
19	148 ft	5,243 ft	175.27	ASPHALT	0 ft	0 ft
	45 m	1,598 m	187.34		0 m	0 m
13	148 ft	4,184 ft	116.31	ASPHALT	0 ft	0 ft
	45 m	1,275 m	128.38		0 m	0 m
31	148 ft	4,184 ft	296.33	ASPHALT	374 ft	0 ft
	45 m	1,275 m	308.40		114 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19	LOC-ILS	IRK	109.90 MHz	18 nm	175.27	-	42 ft
				33 km	187.35		42 m
13	LOC-LOC	IRE	109.10 MHz	18 nm	116.32	-	42 ft
				33 km	128.40		42 m
19	GS	IRK	109.90 MHz	10 nm	175.27	3.50	42 ft
				19 km	187.35		42 m