

EDDM

Muenchen International Airport Franz-Josef Strauss

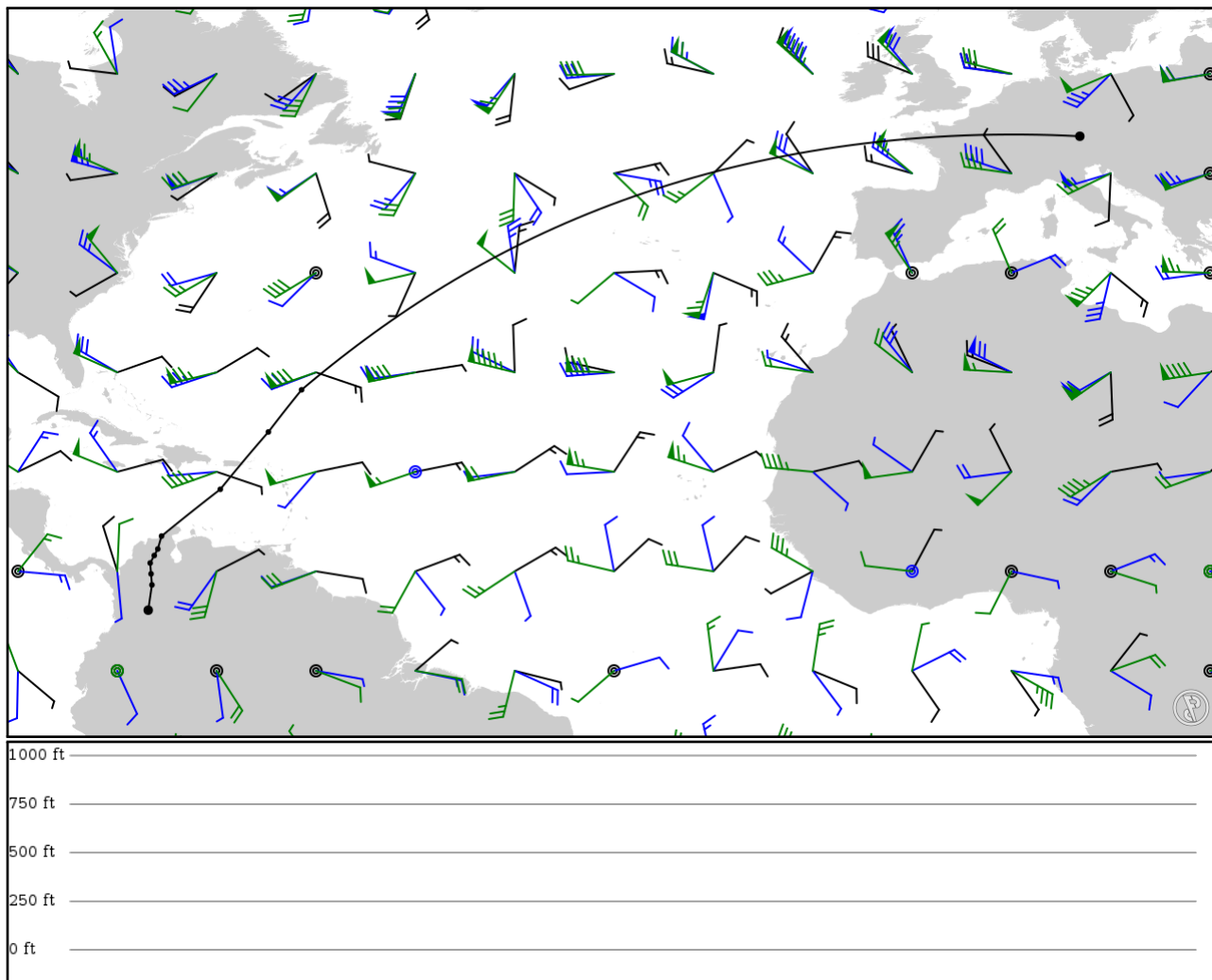
SKBO

El Dorado Intl

2024/05/23 1618Z

EDDM FIVZE SOCCO SCAPA RHC VVP **W19** ELB **UG444** EJA SKBO

5114.53 nm / 9472.11 km



Notes

Requested: EDDM FIVZE SOCCO SCAPA UL335 AMBAS RHC VVP W19 ELB UG444 EJA UQ119 ILSEV ILSE2E SKBO
Unmatched points: AMBAS UQ119 ILSEV ILSE2E

Route

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
EDDM	-	48.35380	0 ft	-		Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m			
FIVZE	-	25.00000	0 ft	3587	-	
FIX	-	-60.00000	0 m			
SOCCO	-	21.11640	0 ft	288	-	
FIX	-	-63.06190	0 m			
SCAPA	-	15.83410	0 ft	405	-	
FIX	-	-67.49950	0 m			
RHC	-	11.52750	0 ft	408		RIOHACHA
VOR	-	-72.91750	0 m			
VVP	-	10.33780	0 ft	74		VALLEDUPAR
VOR	-	-73.26250	0 m			
UGOSA	W19	9.73778	0 ft	40	-	
FIX	AWY-LO	-73.59060	0 m			
ELB	W19	9.04528	0 ft	47		EL BANCO
VOR	AWY-LO	-73.96720	0 m			
LOKOV	UG444	8.04611	0 ft	60	-	
FIX	AWY-HI	-73.88690	0 m			
EJA	UG444	7.02861	0 ft	61		BARRANCABERMEJA
VOR	AWY-HI	-73.80560	0 m			
SKBO	-	4.70160	0 ft	141		El Dorado Intl
APT	-	-74.14700	0 m			

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.945 E

METAR

EDDM 231550Z AUTO 02004KT 350V060 CAVOK 19/10 Q1014 BECMG FM1615 26020G35KT 2000 +TSRA BKN012CB

TAF

TAF EDDM 231100Z 2312/2418 04004KT 9999 BKN035 BECMG 2316/2318 27005KT TEMPO 2316/2319 23020G35KT 3000 TSRA SCT01

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

SKBO

Region: COLOMBIA
Timezone: AMERICA/BOGOTA
Runways: 2

Elevation: 8,358 ft / 2,548 m
Location: 4.701600 -74.147000
Magnetic Var: 8.198 W

METAR

SKBO 231600Z 15005KT 9999 BKN025 20/10 Q1030 NOSIG

TAF

TAF SKBO 231030Z 2312/2412 VRB02KT 9999 SCT017 BECMG 2314/2316 14012KT PROB40 TEMPO 2318/2322 DZRA BKN015 TX21/23

Frequencies

REC - 127.80 MHz - ATIS	TWR - 118.10 MHz - EL DORADO TOWER
TWR - 118.25 MHz - EL DORADO TOWER	GND - 121.80 MHz - EL DORADO GROUND
GND - 122.75 MHz - EL DORADO GROUND	APP - 121.30 MHz - BOGOTA APPROACH
APP - 119.50 MHz - BOGOTA APPROACH	APP - 119.65 MHz - BOGOTA APPROACH
APP - 119.95 MHz - BOGOTA APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	151 ft	12,479 ft	127.23	ASPHALT	0 ft	203 ft
	46 m	3,804 m	135.43		0 m	62 m
31L	151 ft	12,479 ft	307.24	ASPHALT	0 ft	203 ft
	46 m	3,804 m	315.43		0 m	62 m
13L	151 ft	12,479 ft	127.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	135.43		0 m	30 m
31R	151 ft	12,479 ft	307.24	ASPHALT	0 ft	98 ft
	46 m	3,804 m	315.44		0 m	30 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	DME	IEDR	111.30 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13R	DME	IADO	110.70 MHz	18 nm	-	-	8,361 ft
				33 km	-		8,361 m
13L	LOC-ILS	IEDR	111.30 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.44		8,358 m
13R	LOC-ILS	IADO	110.70 MHz	18 nm	127.24	-	8,358 ft
				33 km	135.44		8,358 m
13L	GS	IEDR	111.30 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.44		8,358 m
13R	GS	IADO	110.70 MHz	10 nm	127.24	3.00	8,358 ft
				19 km	135.44		8,358 m