

EDDM

Muenchen International Airport Franz-Josef Strauss

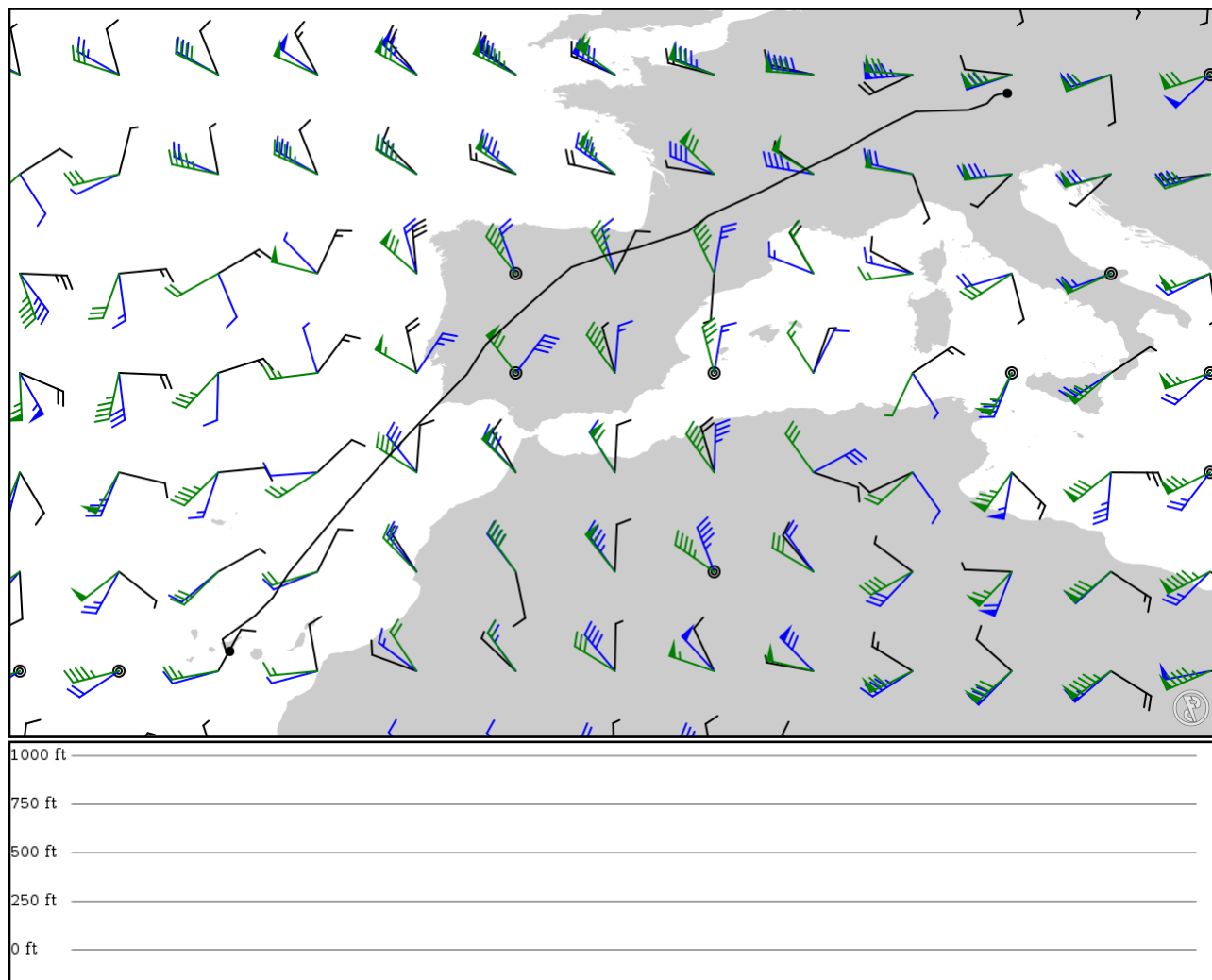
GCTS

Tenerife Sur-Reina Sofia

2024/05/01 1213Z

EDDM BEGEN MAH AMPEG MERSI KPT RAVED NEGRA ROMIR TRA **Z69** OLBEN **UN869** TBO **UN995** PPN **UN976** NEA
ELVAR BEJ BAROK BENTU MITLA SAMAR 3015N NERVO TESEL TFS GCTS

1854.33 nm / 3434.21 km



Notes

Requested: EDDM R2131 BEGEN MAH AMPEG MERSI KPT RAVED NEGRA ROMIR TRA Z69 OLBEN UN869 TBO UN995 PPN UN976 NEA UL14
Unmatched points: R2131 NEVEL 29 16 28 17 28 16

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				
BEGEN	-	48.31950	0 ft	12	-		
FIX	-	11.48150	0 m				
MAH	-	48.26340	0 ft	7	MAISACH		
VOR	-	11.31190	0 m				
AMPEG	-	48.13220	0 ft	9	-		
FIX	-	11.17810	0 m				
MERSI	-	47.98220	0 ft	10	-		
FIX	-	11.04260	0 m				
KPT	-	47.74580	0 ft	31	KEMPTEN VOR-DME		
DME	-	10.34970	0 m				
RAVED	-	47.72920	0 ft	27	-		
FIX	-	9.66944	0 m				
NEGRA	-	47.72220	0 ft	9	-		
FIX	-	9.42722	0 m				
ROMIR	-	47.71310	0 ft	12	-		
FIX	-	9.10778	0 m				
TRA	-	47.68950	0 ft	27	TRASADINGEN		
VOR	-	8.43697	0 m				
OLBEN	Z69	47.30440	0 ft	40	-		
FIX	AWY-HI	7.62944	0 m				
LUTIX	UN869	47.16500	0 ft	13	-		
FIX	AWY-HI	7.37056	0 m				
BENOT	UN869	47.05770	0 ft	10	-		
FIX	AWY-HI	7.17281	0 m				
NEMOS	UN869	46.91190	0 ft	13	-		
FIX	AWY-HI	6.90656	0 m				
VEROX	UN869	46.72750	0 ft	17	-		
FIX	AWY-HI	6.57333	0 m				
GVA10	UN869	46.41640	0 ft	28	-		
FIX	AWY-HI	6.06389	0 m				
MILPA	UN869	46.30250	0 ft	10	-		
FIX	AWY-HI	5.87972	0 m				
NINTU	UN869	46.14720	0 ft	16	-		
FIX	AWY-HI	5.55306	0 m				
MEBAK	UN869	45.70800	0 ft	46	-		
FIX	AWY-HI	4.64886	0 m				
REPSI	UN869	45.52240	0 ft	19	-		
FIX	AWY-HI	4.27528	0 m				
TITVA	UN869	45.36320	0 ft	16	-		
FIX	AWY-HI	3.95878	0 m				
LERGA	UN869	45.25730	0 ft	10	-		
FIX	AWY-HI	3.75017	0 m				
MOKDI	UN869	44.95690	0 ft	30	-		
FIX	AWY-HI	3.16694	0 m				
OLRAK	UN869	44.78440	0 ft	17	-		
FIX	AWY-HI	2.83722	0 m				
ROMAK	UN869	44.63000	0 ft	17	-		
FIX	AWY-HI	2.48889	0 m				
NASEP	UN869	44.51500	0 ft	12	-		
FIX	AWY-HI	2.23222	0 m				
NARAK	UN869	44.29530	0 ft	24	-		

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	1.74889	0 m			
AGN	UN869	43.88800	0 ft 45	AGEN		
VOR	AWY-HI	0.87286	0 m			
TBO	UN869	43.33220	0 ft 45	TARBES		
VOR	AWY-HI	0.14575	0 m			
LURAN	UN995	42.97280	0 ft 53	-		
FIX	AWY-HI	-0.97922	0 m			
PPN	UN995	42.73370	0 ft 34	PAMPLONA		
VOR	AWY-HI	-1.70200	0 m			
MIRPO	UN976	42.63110	0 ft 20	-		
FIX	AWY-HI	-2.15539	0 m			
DGO	UN976	42.45330	0 ft 33	DOMINGO		
VOR	AWY-HI	-2.88069	0 m			
NEA	UN976	42.02760	0 ft 60	TABANERA		
VOR	AWY-HI	-4.10914	0 m			
ELVAR	-	39.21940	0 ft 220	-		
FIX	-	-7.22333	0 m			
BEJ	-	38.12840	0 ft 73	BEJA VORTAC		
DME	-	-7.92669	0 m			
BAROK	-	35.96670	0 ft 164	-		
FIX	-	-10.02330	0 m			
BENTU	-	34.62830	0 ft 100	-		
FIX	-	-11.24360	0 m			
MITLA	-	31.30830	0 ft 245	-		
FIX	-	-14.08220	0 m			
SAMAR	-	30.89970	0 ft 29	-		
FIX	-	-14.41560	0 m			
3015N	-	30.00000	0 ft 61	-		
LATLON	-	-15.00000	0 m			
NERVO	-	29.33860	0 ft 52	-		
FIX	-	-15.65200	0 m			
TESEL	-	28.48830	0 ft 80	-		
FIX	-	-16.83330	0 m			
TFS	-	28.00240	0 ft 30	TENERIFE SUR VOR-DME		
DME	-	-16.68740	0 m			
GCTS	-	28.04440	0 ft 6	Tenerife Sur-Reina Sofia		
APT	-	-16.57250	0 m			

EDDM

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

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.938 E

METAR

EDDM 011150Z AUTO 08011KT CAVOK 22/08 Q1006 NOSIG

TAF

TAF EDDM 011100Z 0112/0218 08012KT CAVOK BECMG 0117/0119 08006KT BECMG 0208/0210 15010KT BECMG 0212/0214 24008KT

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	79.44		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.48		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

GCTS

Region: CANARY ISLANDS
Timezone: ATLANTIC/CANARY
Runways: 1

Elevation: 209 ft / 64 m
Location: 28.044500 -16.572500
Magnetic Var: 4.377 W

METAR

GCTS 011200Z 10019KT 9999 FEW035 24/12 Q1021 WS R07 NOSIG

TAF

TAF GCTS 010800Z 0109/0209 09020KT 9999 FEW035 TX25/0114Z TN17/0206Z PROB30 TEMPO 0109/0110 07010KT PROB40 TEMPO

Frequencies

REC - 118.67 MHz - ATIS	GND - 121.90 MHz - TENERIFE SOUTH GROUND
TWR - 119.00 MHz - TENERIFE SOUTH TOWER	TWR - 120.30 MHz - TENERIFE SOUTH TOWER
CLD - 121.75 MHz - CLEARANCE DELIVERY	APP - 127.70 MHz - TENERIFE SOUTH APPROACH
APP - 128.12 MHz - TENERIFE SOUTH APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	10,479 ft	68.48	ASPHALT	0 ft	0 ft
	45 m	3,194 m	72.86		0 m	0 m
25	148 ft	10,479 ft	248.50	ASPHALT	0 ft	0 ft
	45 m	3,194 m	252.87		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	LOC-ILS	TRS	109.70 MHz	18 nm	68.49	-	187 ft
				33 km	72.87		187 m
25	LOC-ILS	ISUR	110.90 MHz	18 nm	248.52	-	209 ft
				33 km	252.89		209 m
07	GS	TRS	109.70 MHz	10 nm	68.96	3.00	209 ft
				19 km	73.34		209 m
25	GS	ISUR	110.90 MHz	10 nm	248.96	3.00	236 ft
				19 km	253.34		236 m