

# EDDM

Muenchen Franz-Josef Strauss

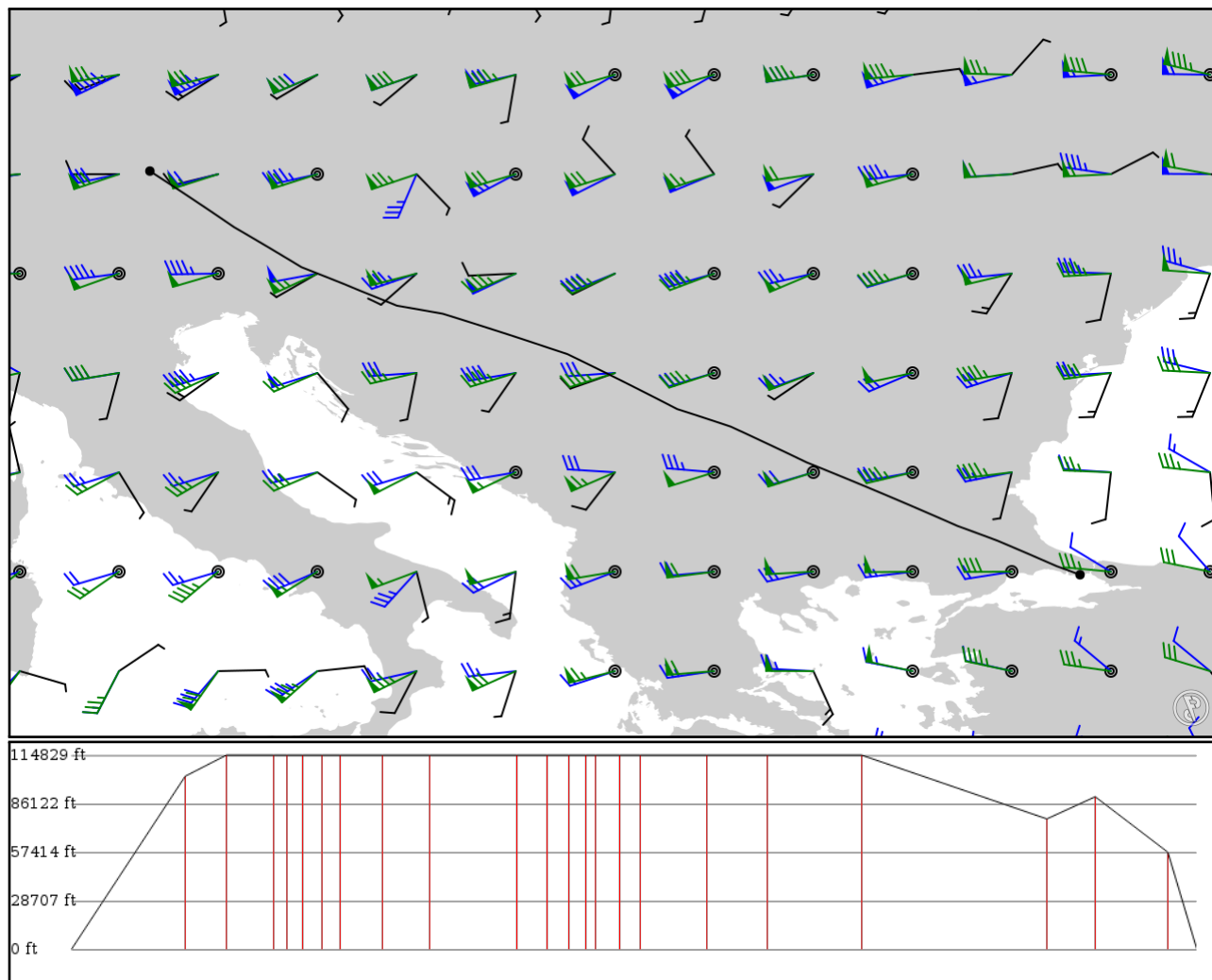
# LTBA

Istanbul Ataturk

2024/05/10 1903Z

EDDM OBEDI **UL603** ZAG **UP735** VBA **UM19** ADORU **UA4** SERCE **A4** GOTAN LTBA

859.70 nm / 1592.17 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		
OBEDI	-	47.32790	31,200 ft	87	-
FIX	-	13.32975	9,510 m		
ELKAT	UL603	46.99100	35,000 ft	31	-
FIX	AWY-HI	13.90551	10,668 m		
KFT	UL603	46.59758	35,000 ft	35	KLAGENFURT VOR-DME
VOR	AWY-HI	14.56232	10,668 m		
KLGY	UL603	46.51430	35,000 ft	10	-
FIX	AWY-HI	14.77517	10,668 m		
ARLON	UL603	46.41382	35,000 ft	12	-
FIX	AWY-HI	15.02976	10,668 m		
VALLU	UL603	46.29159	35,000 ft	14	-
FIX	AWY-HI	15.33632	10,668 m		
PODET	UL603	46.17138	35,000 ft	14	-
FIX	AWY-HI	15.62680	10,668 m		
ZAG	UL603	45.89556	35,000 ft	32	ZAGREB VOR-DME
VOR	AWY-HI	16.30670	10,668 m		
VBA	UP735	45.74779	35,000 ft	36	BARNA VOR-DME
VOR	AWY-HI	17.14673	10,668 m		
REDA	UM19	45.29278	35,000 ft	66	-
FIX	AWY-HI	18.57806	10,668 m		
TUVAR	UM19	45.12667	35,000 ft	23	-
FIX	AWY-HI	19.07750	10,668 m		
SMI	UM19	45.00947	35,000 ft	16	MITROVICA VOR-DME
VOR	AWY-HI	19.43078	10,668 m		
OMAKA	UM19	44.89167	35,000 ft	12	-
FIX	AWY-HI	19.67383	10,668 m		
KOPUK	UM19	44.81606	35,000 ft	8	-
FIX	AWY-HI	19.82869	10,668 m		
REDA	UM19	44.64383	35,000 ft	18	-
FIX	AWY-HI	20.17844	10,668 m		
ORVAN	UM19	44.49189	35,000 ft	15	-
FIX	AWY-HI	20.48333	10,668 m		
NEPOS	UM19	44.00622	35,000 ft	50	-
FIX	AWY-HI	21.43761	10,668 m		
ETIDA	UM19	43.68583	35,000 ft	46	-
FIX	AWY-HI	22.41778	10,668 m		
PENEV	UM19	43.03167	35,000 ft	72	-
FIX	AWY-HI	23.80944	10,668 m		
ADORU	UM19	41.87167	23,500 ft	140	-
FIX	AWY-HI	26.56833	7,163 m		
SERCE	UA4	41.59889	27,500 ft	36	-
FIX	AWY-HI	27.30778	8,382 m		
GOTAN	A4	41.13639	17,500 ft	55	-
FIX	AWY-LO	28.38417	5,334 m		
LTBA	-	40.97914	0 ft	21	Istanbul Ataturk
APT	-	28.81283	0 m		

## EDDM

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

Elevation: 1,484 ft / 452 m  
Location: 48.353800 11.786100  
Magnetic Var: 3.941 E

## METAR

EDDM 101820Z AUTO VRB02KT CAVOK 17/07 Q1021 NOSIG

## TAF

TAF EDDM 101700Z 1018/1124 VRB03KT CAVOK BECMG 1106/1108 06007KT BECMG 1118/1120 VRB03KT

## 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

## LTBA

Region: TURKEY  
Timezone: EUROPE/ISTANBUL  
Runways: 1

Elevation: 163 ft / 50 m  
Location: 40.976100 28.814200  
Magnetic Var: 6.066 E

## METAR

LTBA 101820Z 03020KT 9999 SCT022 BKN110 15/10 Q1012 RMK RWY23 03017KT

## TAF

TAF LTBA 101640Z 1018/1118 04021G32KT 9999 SCT028 BKN090 BECMG 1019/1022 -SHRA PROB40 TEMPO 1102/1106 4000 SHRA V

## Frequencies

REC - 130.25 MHz - D-ATIS ARRIVAL	REC - 128.20 MHz - D-ATIS DEPARTURE
TWR - 118.02 MHz - YESILKOY TOWER	TWR - 118.10 MHz - YESILKOY TOWER
TWR - 118.17 MHz - YESILKOY TOWER	TWR - 118.37 MHz - YESILKOY TOWER
TWR - 119.80 MHz - YESILKOY TOWER	TWR - 121.35 MHz - YESILKOY TOWER
TWR - 121.60 MHz - YESILKOY TOWER	TWR - 121.97 MHz - YESILKOY TOWER
TWR - 123.52 MHz - YESILKOY TOWER	TWR - 125.30 MHz - YESILKOY TOWER
TWR - 125.90 MHz - YESILKOY TOWER	TWR - 126.05 MHz - YESILKOY TOWER
TWR - 126.80 MHz - YESILKOY TOWER	APP - 118.95 MHz - YESILKOY APPROACH
APP - 119.35 MHz - YESILKOY APPROACH	APP - 119.47 MHz - YESILKOY APPROACH
APP - 120.12 MHz - YESILKOY APPROACH	APP - 120.45 MHz - YESILKOY APPROACH
APP - 120.50 MHz - YESILKOY APPROACH	APP - 120.70 MHz - YESILKOY APPROACH
APP - 121.10 MHz - YESILKOY APPROACH	APP - 121.25 MHz - YESILKOY APPROACH
APP - 122.47 MHz - YESILKOY APPROACH	APP - 122.57 MHz - YESILKOY APPROACH
APP - 122.67 MHz - YESILKOY APPROACH	APP - 124.45 MHz - YESILKOY APPROACH
APP - 126.42 MHz - YESILKOY APPROACH	APP - 127.10 MHz - YESILKOY APPROACH
APP - 127.82 MHz - YESILKOY APPROACH	APP - 128.72 MHz - YESILKOY APPROACH
APP - 130.30 MHz - YESILKOY APPROACH	APP - 131.12 MHz - YESILKOY APPROACH
APP - 132.05 MHz - YESILKOY APPROACH	APP - 132.32 MHz - YESILKOY APPROACH
APP - 132.47 MHz - YESILKOY APPROACH	APP - 132.77 MHz - YESILKOY APPROACH
APP - 132.95 MHz - YESILKOY APPROACH	APP - 133.07 MHz - YESILKOY APPROACH
APP - 133.22 MHz - YESILKOY APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	197 ft	8,513 ft	58.45	ASPHALT	492 ft	207 ft
	60 m	2,595 m	52.38		150 m	63 m
23	197 ft	8,513 ft	238.47	ASPHALT	0 ft	197 ft
	60 m	2,595 m	232.40		0 m	60 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	IIST	110.30 MHz	18 nm	-	-	82 ft
				33 km	-		82 m
23	DME	IATA	111.90 MHz	18 nm	-	-	163 ft
				33 km	-		163 m
05	LOC-ILS	IIST	110.30 MHz	18 nm	58.46	-	163 ft
				33 km	52.39		163 m
23	LOC-ILS	IATA	111.90 MHz	18 nm	238.46	-	163 ft
				33 km	232.39		163 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	GS	IIST	110.30 MHz	10 nm	58.46	3.00	163 ft
				19 km	52.39		163 m
23	GS	IATA	111.90 MHz	10 nm	238.46	3.20	163 ft
				19 km	232.39		163 m