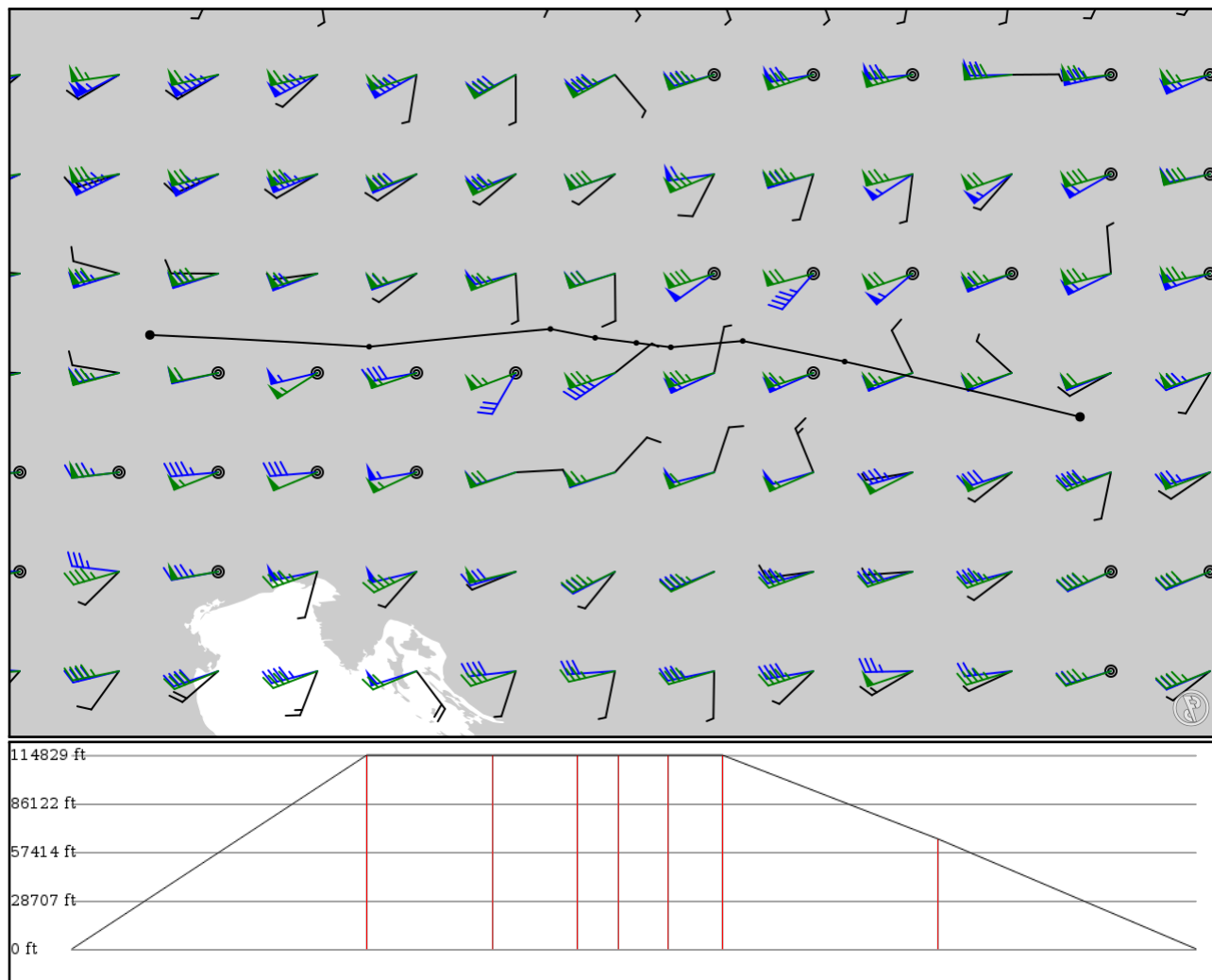


2024/05/23 0632Z

LHDC PATAK **UY300** NIT **UM991** OKR **UM141** LNZ EDDM

404.39 nm / 748.93 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: no
- Use PACOTS: no
- Use low airways: no
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LHDC	-	47.48942	0 ft	-	DEBRECEN
APT	-	21.61458	0 m		
PATAK	-	48.07295	35,000 ft	106	-
FIX	-	19.12736	10,668 m		
NIT	UY300	48.29044	35,000 ft	45	NITRA VOR-DME
VOR	AWY-HI	18.05064	10,668 m		
OKR	UM991	48.22387	35,000 ft	30	STEFANIK NORTH NDB
NDB	AWY-HI	17.29032	10,668 m		
TOVKA	UM141	48.27016	35,000 ft	14	-
FIX	AWY-HI	16.92632	10,668 m		
WGM	UM141	48.32386	35,000 ft	17	WAGRAM VOR-DME
VOR	AWY-HI	16.49095	10,668 m		
STO	UM141	48.41714	35,000 ft	19	STOCKERAU VOR-DME
VOR	AWY-HI	16.01859	10,668 m		
LNZ	UM141	48.22971	19,900 ft	77	LINZ VOR-DME
VOR	AWY-HI	14.10316	6,066 m		
EDDM	-	48.35379	0 ft	92	Muenchen Franz-Josef Strauss
APT	-	11.78612	0 m		

## LHDC

Region: HUNGARY  
Timezone: EUROPE/BUDAPEST  
Runways: 1

Elevation: 358 ft / 109 m  
Location: 47.488900 21.615300  
Magnetic Var: 5.983 E

## METAR

LHDC 230545Z AUTO 00000KT 9999 BKN007 BKN089 16/15 Q1013 NOSIG

## TAF

UNKNOWN

## Frequencies

REC - 125.90 MHz - INFO

TWR - 125.90 MHz -

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	131 ft	8,205 ft	47.94	CONCRETE	0 ft	66 ft
	40 m	2,501 m	41.96		0 m	20 m
23L	131 ft	8,205 ft	227.96	CONCRETE	978 ft	59 ft
	40 m	2,501 m	221.98		298 m	18 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05R	LOC-ILS	DCN	110.10 MHz	18 nm	47.87	-	359 ft
				33 km	41.88		359 m
05R	GS	DCN	110.10 MHz	10 nm	48.67	3.00	359 ft
				19 km	42.68		359 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 230620Z AUTO VRB02KT CAVOK 15/11 Q1017 NOSIG

## TAF

TAF EDDM 230500Z 2306/2412 VRB03KT CAVOK BECMG 2308/2310 06005KT BECMG 2316/2318 28005KT TEMPO 2316/2319 23025G40

## 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