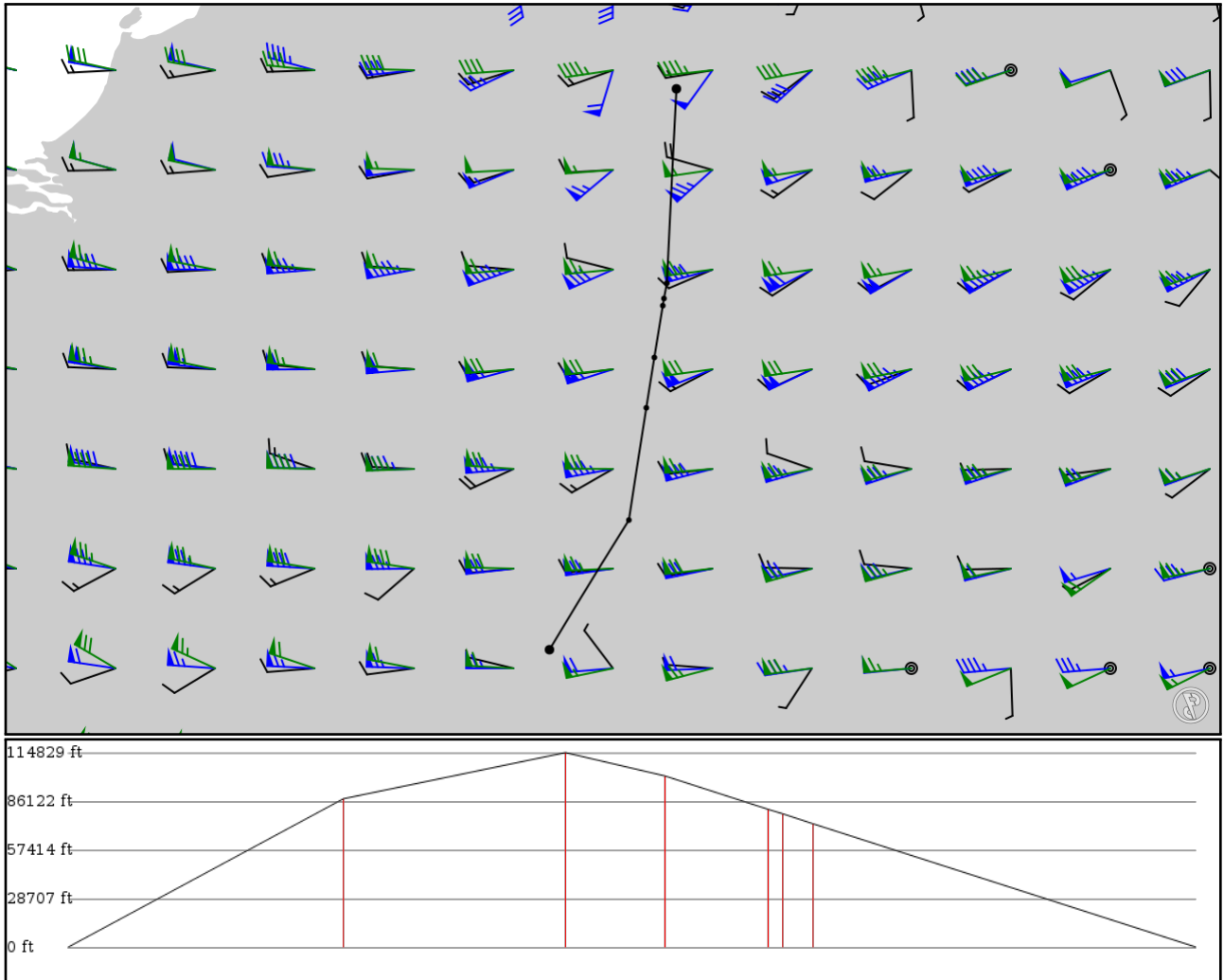


2024/05/03 0202Z

LSZH TEDGO **UN851** MASEK EDDV

306.44 nm / 567.53 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
LSZH	-	47.46350	0 ft	-	Zurich
APT	-	8.54995	0 m		
TEDGO	-	48.61840	26,700 ft	74	-
FIX	-	9.25921	8,138 m		
HAREM	UN851	49.61840	35,000 ft	60	-
FIX	AWY-HI	9.41456	10,668 m		
LOHRE	UN851	50.06690	30,800 ft	27	-
FIX	AWY-HI	9.48639	9,388 m		
ARNIX	UN851	50.52890	24,800 ft	27	-
FIX	AWY-HI	9.56167	7,559 m		
FUL	UN851	50.59250	24,000 ft	3	FULDA
VOR	AWY-HI	9.57217	7,315 m		
MASEK	UN851	50.72920	22,200 ft	8	-
FIX	AWY-HI	9.59833	6,767 m		
EDDV	-	52.46020	0 ft	104	Hannover
APT	-	9.68352	0 m		

## LSZH

Region: SWITZERLAND  
Timezone: EUROPE/ZURICH  
Runways: 3

Elevation: 1,416 ft / 432 m  
Location: 47.463500 8.549950  
Magnetic Var: 3.123 E

## METAR

LSZH 030120Z AUTO 25008KT 9999 DZ FEW009 BKN014 BKN046 09/07 Q1012 NOSIG

## TAF

TAF LSZH 022325Z 0300/0406 25008KT 9999 BKN025 TX14/0315Z TN08/0304Z TN05/0404Z PROB40 TEMPO 0311/0317 30008KT SH

## Frequencies

REC - 125.72 MHz - ATIS	GND - 121.90 MHz - ZURICH GROUND
GND - 118.15 MHz - ZURICH GROUND	GND - 119.75 MHz - ZURICH GROUND
GND - 121.75 MHz - ZURICH APRON	GND - 121.70 MHz - ZURICH APRON
GND - 121.85 MHz - ZURICH APRON	GND - 121.97 MHz - ZURICH APRON
TWR - 118.10 MHz - ZURICH TOWER	TWR - 120.22 MHz - ZURICH TOWER
TWR - 119.70 MHz - ZURICH TOWER	APP - 118.00 MHz - ZURICH ARRIVAL
APP - 135.22 MHz - ZURICH APPROACH	APP - 125.32 MHz - ZURICH FINAL
APP - 120.75 MHz - ZURICH FINAL	DEP - 125.95 MHz - ZURICH DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	197 ft	12,181 ft	155.03	CONCRETE	0 ft	62 ft
	60 m	3,713 m	151.91		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.93		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.17		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.19		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.87		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.90		0 m	84 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14	DME	IKL	108.30 MHz	18 nm	-	-	1,460 ft
				33 km	-		1,460 m
16	DME	IZH	110.50 MHz	18 nm	-	-	1,400 ft
				33 km	-		1,400 m
28	DME	IZW	109.75 MHz	18 nm	-	-	1,416 ft
				33 km	-		1,416 m
34	DME	IZS	110.75 MHz	18 nm	-	-	1,410 ft
				33 km	-		1,410 m
14	LOC-ILS	IKL	111.75 MHz	18 nm	137.31	-	1,417 ft
				33 km	134.19		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.93		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.89		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm 33 km	335.06 331.94	-	1,417 ft 1,417 m
14	GS	IKL	111.75 MHz	10 nm 19 km	137.31 134.19	3.00	1,417 ft 1,417 m
16	GS	IZH	110.50 MHz	10 nm 19 km	155.05 151.93	3.00	1,417 ft 1,417 m
28	GS	IZW	109.75 MHz	10 nm 19 km	276.01 272.89	3.30	1,417 ft 1,417 m
34	GS	IZS	110.75 MHz	10 nm 19 km	335.06 331.94	3.30	1,417 ft 1,417 m

## EDDV

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 3

Elevation: 183 ft / 56 m  
Location: 52.460200 9.683520  
Magnetic Var: 3.555 E

## METAR

EDDV 030120Z AUTO 11004KT CAVOK 16/11 Q1002

## TAF

TAF AMD EDDV 030002Z 0300/0324 11006KT CAVOK PROB40 TEMPO 0300/0303 FEW040CB BECMG 0304/0308 24012KT TEMPO 0304/0

## Frequencies

REC - 136.57 MHz - HANNOVER ATIS  
APP - 118.05 MHz - BREMEN RADAR  
TWR - 120.17 MHz - HANNOVER TOWER

APP - 131.32 MHz - BREMEN RADAR  
DEP - 119.60 MHz - HANNOVER DIRECTOR  
GND - 121.95 MHz - HANNOVER GROUND

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09C	75 ft	2,557 ft	92.64	ASPHALT	197 ft	0 ft
	23 m	779 m	89.08		60 m	0 m
27C	75 ft	2,557 ft	272.65	ASPHALT	558 ft	0 ft
	23 m	779 m	269.09		170 m	0 m
09R	148 ft	7,669 ft	92.60	CONCRETE	0 ft	0 ft
	45 m	2,338 m	89.05		0 m	0 m
27L	148 ft	7,669 ft	272.63	CONCRETE	0 ft	0 ft
	45 m	2,338 m	269.07		0 m	0 m
09L	148 ft	10,509 ft	92.57	CONCRETE	0 ft	0 ft
	45 m	3,203 m	89.02		0 m	0 m
27R	148 ft	10,509 ft	272.61	CONCRETE	0 ft	0 ft
	45 m	3,203 m	269.05		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IHNE	108.30 MHz	18 nm	92.59	-	187 ft
				33 km	89.04		187 m
09R	LOC-ILS	IHSE	108.70 MHz	18 nm	92.62	-	183 ft
				33 km	89.07		183 m
27L	LOC-ILS	IHSW	109.50 MHz	18 nm	272.62	-	183 ft
				33 km	269.07		183 m
27R	LOC-ILS	IHNW	108.90 MHz	18 nm	272.59	-	183 ft
				33 km	269.04		183 m
09L	GS	IHNE	108.30 MHz	10 nm	92.59	3.00	187 ft
				19 km	89.04		187 m
09R	GS	IHSE	108.70 MHz	10 nm	92.62	3.00	183 ft
				19 km	89.07		183 m
27L	GS	IHSW	109.50 MHz	10 nm	272.62	3.00	183 ft
				19 km	269.07		183 m
27R	GS	IHNW	108.90 MHz	10 nm	272.59	3.00	183 ft
				19 km	269.04		183 m