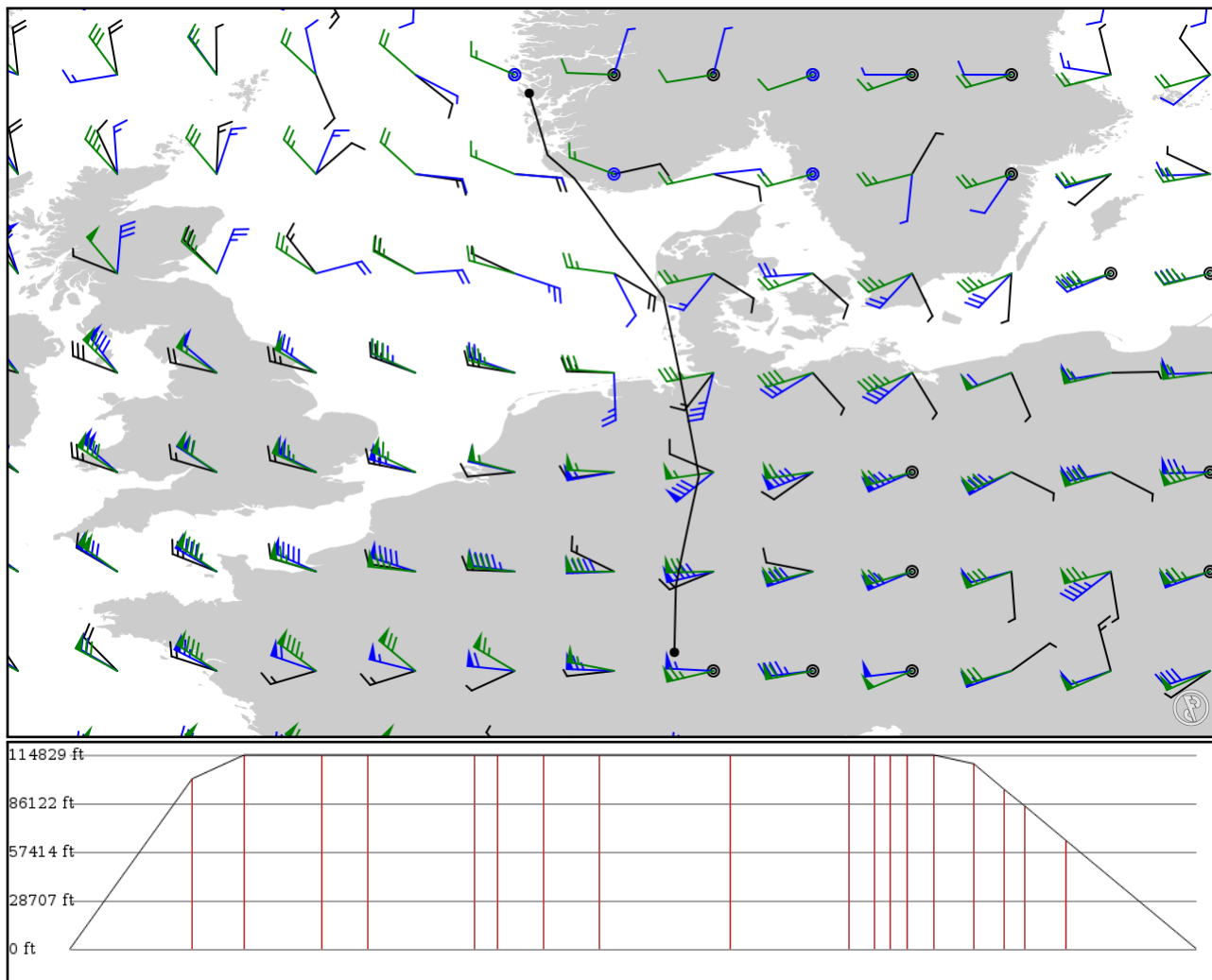


2024/06/16 1902Z

ENBR ZOL P992 BAVTA Z710 LUTIR UZ710 WRB UN850 KRH LSZH

793.00 nm / 1468.63 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
ENBR	-	60.29360	0 ft	-	Bergen Lufthavn Flesland
APT	-	5.21806	0 m		
ZOL	-	58.87500	30,700 ft	86	SOLA (STAVANGER)
VOR	-	5.64007	9,357 m		
BIVKI	P992	58.34660	35,000 ft	36	-
FIX	AWY-HI	6.24608	10,668 m		
ELGIK	P992	57.49300	35,000 ft	55	-
FIX	AWY-HI	6.87711	10,668 m		
LINVI	P992	57.00000	35,000 ft	31	-
FIX	AWY-HI	7.22732	10,668 m		
NARBA	P992	55.85330	35,000 ft	74	-
FIX	AWY-HI	8.11389	10,668 m		
BAVTA	P992	55.60310	35,000 ft	16	-
FIX	AWY-HI	8.30000	10,668 m		
LUTIR	Z710	55.06420	35,000 ft	32	-
FIX	AWY-HI	8.41611	10,668 m		
MEBUS	UZ710	54.40780	35,000 ft	39	-
FIX	AWY-HI	8.55417	10,668 m		
GULMI	UZ710	52.89750	35,000 ft	91	-
FIX	AWY-HI	8.85333	10,668 m		
WRB	UZ710	51.50570	35,000 ft	84	WARBURG
VOR	AWY-HI	9.11091	10,668 m		
RANAX	UN850	51.20720	35,000 ft	18	-
FIX	AWY-HI	9.04611	10,668 m		
EDEGA	UN850	51.03470	35,000 ft	10	-
FIX	AWY-HI	9.00778	10,668 m		
AMETU	UN850	50.83310	35,000 ft	12	-
FIX	AWY-HI	8.96444	10,668 m		
SOGMI	UN850	50.52750	35,000 ft	18	-
FIX	AWY-HI	8.89917	10,668 m		
BOMBI	UN850	50.05670	33,400 ft	28	-
FIX	AWY-HI	8.80028	10,180 m		
GIGET	UN850	49.70110	28,800 ft	21	-
FIX	AWY-HI	8.72667	8,778 m		
ABUKA	UN850	49.46530	25,800 ft	14	-
FIX	AWY-HI	8.67917	7,864 m		
KRH	UN850	48.99290	19,600 ft	28	KARLSRUHE
VOR	AWY-HI	8.58424	5,974 m		
LSZH	-	47.46350	0 ft	91	Zurich
APT	-	8.54995	0 m		

ENBR

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 1

Elevation: 166 ft / 51 m
Location: 60.293600 5.218060
Magnetic Var: 2.008 E

METAR

ENBR 161820Z VRB03KT 9999 -SHRA FEW015 SCT025CB BKN050 12/12 Q1005 TEMPO SHRA BKN020CB RMK WIND 1200FT 22006KT

TAF

TAF ENBR 161700Z 1618/1718 24008KT 9999 -SHRA FEW025TCU BKN050 TEMPO 1618/1619 3000 TSGS BKN015CB TEMPO 1619/1621

Frequencies

REC - 125.25 MHz - FLESLAND INFORMATION
TWR - 119.10 MHz - FLESLAND TOWER
APP - 125.00 MHz - FLESLAND APPROACH EAST
GND - 121.90 MHz - FLESLAND GROUND
APP - 121.00 MHz - FLESLAND APPROACH WEST
CLD - 118.85 MHz - FLESLAND DIRECTOR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17	148 ft	9,791 ft	170.53	ASPHALT	876 ft	0 ft
	45 m	2,984 m	168.52		267 m	0 m
35	148 ft	9,791 ft	350.53	ASPHALT	889 ft	0 ft
	45 m	2,984 m	348.53		271 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	LOC-ILS	BR	109.90 MHz	18 nm	170.56	-	165 ft
				33 km	168.56		165 m
35	LOC-ILS	BG	110.50 MHz	18 nm	350.55	-	165 ft
				33 km	348.54		165 m
17	GS	BR	109.90 MHz	10 nm	170.53	3.10	166 ft
				19 km	168.52		166 m
35	GS	BG	110.50 MHz	10 nm	350.53	3.00	166 ft
				19 km	348.52		166 m

LSZH

Region: SWITZERLAND
Timezone: EUROPE/ZURICH
Runways: 3

Elevation: 1,416 ft / 432 m
Location: 47.463500 8.549950
Magnetic Var: 3.137 E

METAR

LSZH 161820Z 30006KT 9999 FEW055 20/12 Q1012 NOSIG

TAF

TAF LSZH 161725Z 1618/1724 26009KT 9999 FEW060 TX24/1715Z TN13/1704Z PROB30 TEMPO 1618/1620 29008KT PROB40 TEMPO

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	151.90		0 m	19 m
34	197 ft	12,181 ft	335.05	CONCRETE	1,542 ft	49 ft
	60 m	3,713 m	331.91		470 m	15 m
14	197 ft	10,816 ft	137.29	CONCRETE	492 ft	75 ft
	60 m	3,297 m	134.16		150 m	23 m
32	197 ft	10,816 ft	317.31	CONCRETE	0 ft	82 ft
	60 m	3,297 m	314.18		0 m	25 m
10	197 ft	8,196 ft	95.99	CONCRETE	0 ft	62 ft
	60 m	2,498 m	92.86		0 m	19 m
28	197 ft	8,196 ft	276.02	CONCRETE	0 ft	276 ft
	60 m	2,498 m	272.88		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	134.17		1,417 m
16	LOC-ILS	IZH	110.50 MHz	18 nm	155.05	-	1,417 ft
				33 km	151.91		1,417 m
28	LOC-ILS	IZW	109.75 MHz	18 nm	276.01	-	1,417 ft
				33 km	272.87		1,417 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
34	LOC-ILS	IZS	110.75 MHz	18 nm	335.06	-	1,417 ft
				33 km	331.92		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.17		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.91		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.87		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.92		1,417 m