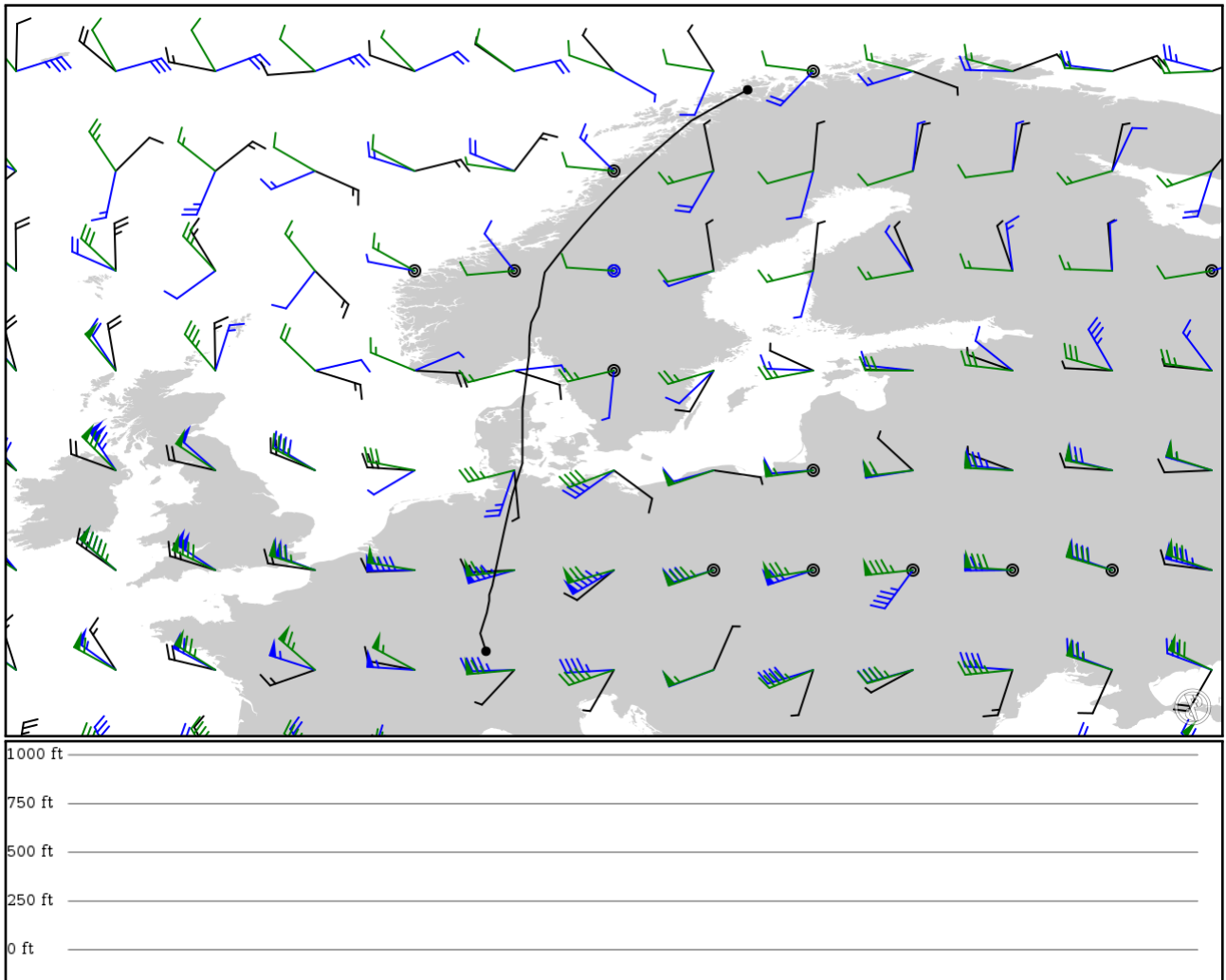


2024/05/09 0338Z

ENTC EVD **Z101** TGA **M609** TRF **P615** ALS **M852** EKERN **UP615** LBE **N850** ESTAD **UL126** ROBEG **N850** WRB **UN850**  
NATOR LSZH

1384.08 nm / 2563.32 km



## Notes

Requested: ENTC EVD Z101 TGA M609 TRF P615 ALS M852 EKERN UP615 LBE N850 ESTAD UL126 ROBEG N850 WRB UN850 KRH NATOR

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
ENTC	-	69.68287	0 ft	-	Tromso Langnes
APT	-	18.91936	0 m		
EVD	-	68.45731	0 ft	87	EVENES VOR-DME
VOR	-	16.68171	0 m		
GIRAN	Z101	65.75000	0 ft	176	-
FIX	AWY-LO	13.70083	0 m		
NUTKO	Z101	63.86917	0 ft	121	-
FIX	AWY-LO	12.00000	0 m		
MERAK	Z101	63.41583	0 ft	28	-
FIX	AWY-LO	11.62611	0 m		
TGA	Z101	62.46164	0 ft	60	TOLGA VOR-DME
VOR	AWY-LO	10.87883	0 m		
TOGAT	M609	61.99944	0 ft	27	-
FIX	AWY-LO	10.79283	0 m		
MES	M609	61.09981	0 ft	54	MESNALI VOR-DME
VOR	AWY-LO	10.64278	0 m		
BBU	M609	60.47178	0 ft	38	BRANDBU VOR-DME
VOR	AWY-LO	10.33886	0 m		
TRF	M609	59.92918	0 ft	32	TYRIFJORD NDB
NDB	AWY-LO	10.26931	0 m		
TOR	P615	59.16911	0 ft	45	TORP VOR-DME
VOR	AWY-LO	10.25927	0 m		
ARTOR	P615	58.33444	0 ft	50	-
FIX	AWY-LO	10.14889	0 m		
AAL	P615	57.10372	0 ft	74	AALBORG VOR-DME
VOR	AWY-LO	9.99558	0 m		
RADIS	P615	56.54167	0 ft	33	-
FIX	AWY-LO	9.99500	0 m		
LUTUS	P615	56.10083	0 ft	26	-
FIX	AWY-LO	9.99444	0 m		
ABINO	P615	55.96833	0 ft	7	-
FIX	AWY-LO	9.99444	0 m		
RIDSI	P615	55.59167	0 ft	22	-
FIX	AWY-LO	9.99417	0 m		
ASBIL	P615	55.37194	0 ft	13	-
FIX	AWY-LO	9.99389	0 m		
ALS	P615	54.90541	0 ft	28	ALSIE VOR
VOR	AWY-LO	9.99338	0 m		
ALASA	M852	54.80861	0 ft	5	-
FIX	AWY-LO	9.96167	0 m		
EKERN	M852	54.50583	0 ft	18	-
FIX	AWY-LO	9.86389	0 m		
LBE	UP615	53.65420	0 ft	52	ELBE VOR-DME
VOR	AWY-HI	9.59506	0 m		
ESTAD	N850	53.52528	0 ft	7	-
FIX	AWY-LO	9.56472	0 m		
TIMEN	UL126	52.63222	0 ft	54	-
FIX	AWY-HI	9.35889	0 m		
ROBEG	UL126	52.23362	0 ft	24	-
FIX	AWY-HI	9.26962	0 m		
WRB	N850	51.50570	0 ft	44	WARBURG VOR-DME
VOR	AWY-LO	9.11091	0 m		
RANAX	UN850	51.20722	0 ft	18	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	9.04611	0 m		
EDEGA	UN850	51.03472	0 ft	10	-
FIX	AWY-HI	9.00778	0 m		
AMETU	UN850	50.83306	0 ft	12	-
FIX	AWY-HI	8.96444	0 m		
SOGMI	UN850	50.52750	0 ft	18	-
FIX	AWY-HI	8.89917	0 m		
BOMBI	UN850	50.05667	0 ft	28	-
FIX	AWY-HI	8.80028	0 m		
GIGET	UN850	49.70111	0 ft	21	-
FIX	AWY-HI	8.67917	0 m		
ABUKA	UN850	49.46528	0 ft	14	-
FIX	AWY-HI	8.67917	0 m		
KRH	UN850	48.99294	0 ft	28	KARLSRUHE VOR-DME
VOR	AWY-HI	8.58424	0 m		
NATOR	UN850	48.17000	0 ft	50	-
FIX	AWY-HI	8.32139	0 m		
LSZH	-	47.46349	0 ft	43	Zurich
APT	-	8.54996	0 m		

## ENTC

Region: NORWAY  
Timezone: EUROPE/OSLO  
Runways: 1

Elevation: 28 ft / 9 m  
Location: 69.682900 18.918600  
Magnetic Var: 10.268 E

## METAR

ENTC 090250Z AUTO 18010KT 9999 SCT035/// 04/M05 Q1016 RMK WIND 2600FT 18024KT

## TAF

TAF ENTC 082300Z 0900/0924 20009KT 9999 FEW020 BKN050 BECMG 0915/0918 BKN014 TEMPO 0915/0921 4000 RA

## Frequencies

REC - 126.12 MHz - TROMSO ATIS  
APP - 123.75 MHz - TROMSO APPROACH

TWR - 118.30 MHz - TROMSO TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	148 ft	7,520 ft	193.07	ASPHALT	971 ft	0 ft
	45 m	2,292 m	182.80		296 m	0 m
36	148 ft	7,520 ft	13.05	ASPHALT	0 ft	0 ft
	45 m	2,292 m	2.79		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
36	LOC-ILS	TC	110.90 MHz	18 nm	13.07	-	28 ft
				33 km	2.80		28 m
18	LOC-ILS	TR	109.90 MHz	18 nm	193.07	-	28 ft
				33 km	182.80		28 m
36	GS	TC	110.90 MHz	10 nm	13.07	4.00	28 ft
				19 km	2.80		28 m
18	GS	TR	109.90 MHz	10 nm	193.07	4.00	28 ft
				19 km	182.80		28 m

## LSZH

Region: SWITZERLAND  
Timezone: EUROPE/ZURICH  
Runways: 3

Elevation: 1,416 ft / 432 m  
Location: 47.463500 8.549950  
Magnetic Var: 3.125 E

## METAR

LSZH 090320Z AUTO 33003KT 9999 SCT013 SCT015 BKN023 10/09 Q1024 NOSIG

## TAF

TAF LSZH 090225Z 0903/1009 34003KT 9999 SCT015 BKN020 TX18/0914Z TN08/0904Z TN07/1004Z PROB40 0903/0907 BKN014 BE

## 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	331.92		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	272.89		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	335.06	-	1,417 ft
				33 km	331.94		1,417 m
14	GS	IKL	111.75 MHz	10 nm	137.31	3.00	1,417 ft
				19 km	134.19		1,417 m
16	GS	IZH	110.50 MHz	10 nm	155.05	3.00	1,417 ft
				19 km	151.93		1,417 m
28	GS	IZW	109.75 MHz	10 nm	276.01	3.30	1,417 ft
				19 km	272.89		1,417 m
34	GS	IZS	110.75 MHz	10 nm	335.06	3.30	1,417 ft
				19 km	331.94		1,417 m