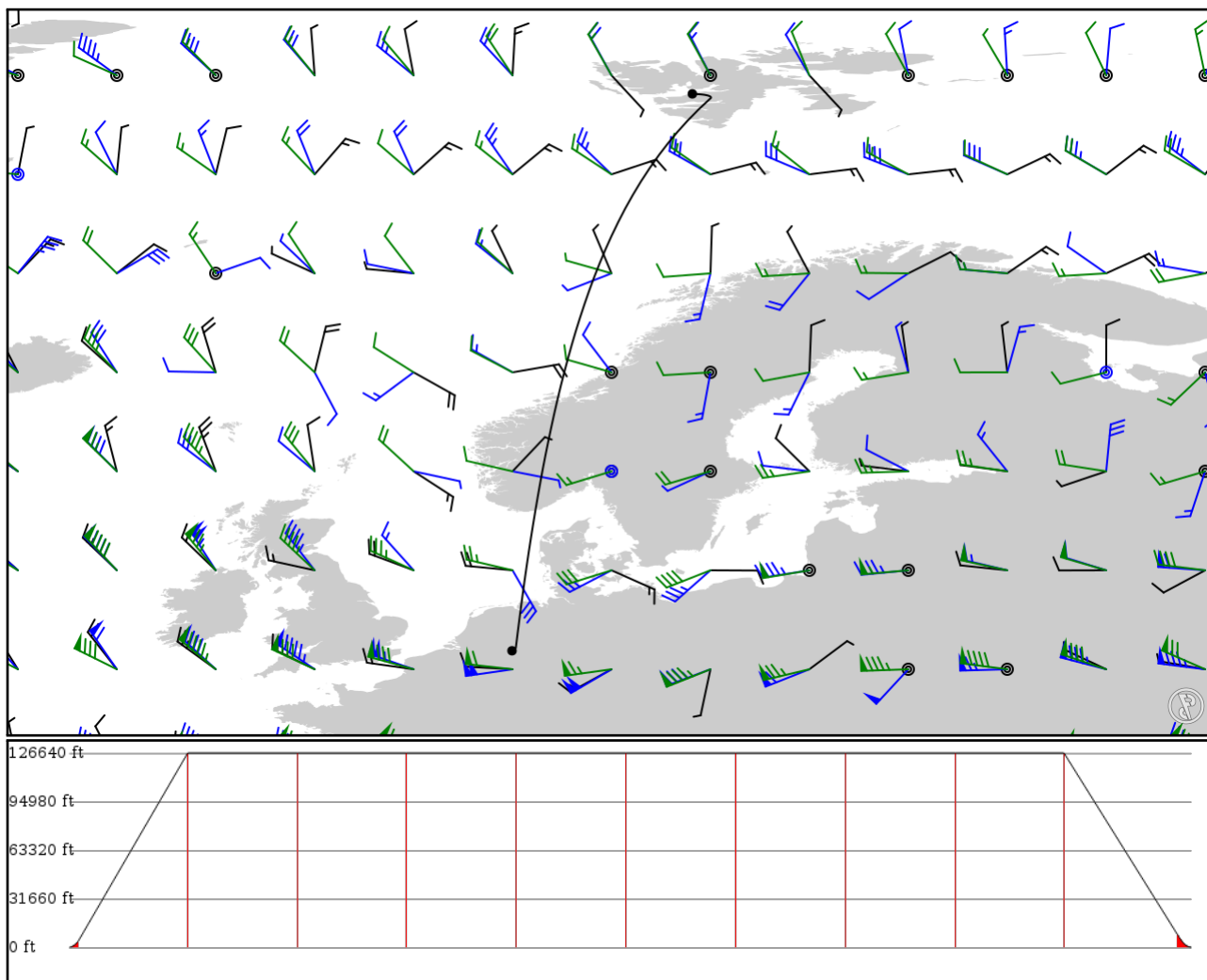


2024/05/14 1737Z

EDDL +51.34\_+006.88 +51.35\_+006.90 +51.36\_+006.91 +51.37\_+006.93 +51.38\_+006.94 +51.40\_+006.95  
+51.41\_+006.96 +51.42\_+006.96 +51.44\_+006.97 +51.45\_+006.97 +51.47\_+006.97 +54.13\_+007.32  
+56.79\_+007.71 +59.44\_+008.16 +62.10\_+008.68 +64.75\_+009.31 +67.40\_+010.08 +70.05\_+011.03  
+72.69\_+012.26 +75.32\_+013.93 +78.01\_+016.38 +78.03\_+016.40 +78.04\_+016.41 +78.06\_+016.42  
+78.07\_+016.42 +78.09\_+016.41 +78.10\_+016.40 +78.11\_+016.38 +78.13\_+016.36 +78.14\_+016.33  
+78.15\_+016.30 +78.17\_+016.26 +78.18\_+016.21 +78.19\_+016.16 +78.20\_+016.11 +78.21\_+016.05  
+78.21\_+015.99 +78.22\_+015.92 +78.22\_+015.86 ENSB

1640.79 nm / 3038.75 km



## Notes

Departing runway 5 EDDL. Arriving runway 10 ENSB.

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDL	-	51.29592	0 ft	-	-
APT	-	6.78622	0 m		
+51.34_+006.88	-	51.33972	120 ft	4	-
LATLON	-	6.87838	37 m		
+51.35_+006.90	-	51.34946	170 ft	0	-
LATLON	-	6.89552	52 m		
+51.36_+006.91	-	51.36009	230 ft	0	-
LATLON	-	6.91125	70 m		
+51.37_+006.93	-	51.37154	310 ft	0	-
LATLON	-	6.92543	94 m		
+51.38_+006.94	-	51.38372	390 ft	0	-
LATLON	-	6.93796	119 m		
+51.40_+006.95	-	51.39653	480 ft	0	-
LATLON	-	6.94875	146 m		
+51.41_+006.96	-	51.40988	580 ft	0	-
LATLON	-	6.95770	177 m		
+51.42_+006.96	-	51.42367	700 ft	0	-
LATLON	-	6.96477	213 m		
+51.44_+006.97	-	51.43779	820 ft	0	-
LATLON	-	6.96988	250 m		
+51.45_+006.97	-	51.45213	950 ft	0	-
LATLON	-	6.97299	290 m		
+51.47_+006.97	-	51.46659	1,090 ft	0	-
LATLON	-	6.97409	332 m		
+54.13_+007.32	-	54.12572	38,600 ft	160	-
LATLON	-	7.31696	11,765 m		
+56.79_+007.71	-	56.78527	38,600 ft	160	-
LATLON	-	7.70713	11,765 m		
+59.44_+008.16	-	59.44341	38,600 ft	160	-
LATLON	-	8.15689	11,765 m		
+62.10_+008.68	-	62.09974	38,600 ft	160	-
LATLON	-	8.68338	11,765 m		
+64.75_+009.31	-	64.75369	38,600 ft	160	-
LATLON	-	9.31095	11,765 m		
+67.40_+010.08	-	67.40441	38,600 ft	160	-
LATLON	-	10.07526	11,765 m		
+70.05_+011.03	-	70.05061	38,600 ft	160	-
LATLON	-	11.03070	11,765 m		
+72.69_+012.26	-	72.69020	38,600 ft	160	-
LATLON	-	12.26456	11,765 m		
+75.32_+013.93	-	75.31964	38,600 ft	160	-
LATLON	-	13.92581	11,765 m		
+78.01_+016.38	-	78.01490	2,530 ft	165	-
LATLON	-	16.38003	771 m		
+78.03_+016.40	-	78.02886	2,320 ft	0	-
LATLON	-	16.39855	707 m		
+78.04_+016.41	-	78.04309	2,110 ft	0	-
LATLON	-	16.41117	643 m		
+78.06_+016.42	-	78.05750	1,920 ft	0	-
LATLON	-	16.41776	585 m		
+78.07_+016.42	-	78.07197	1,740 ft	0	-
LATLON	-	16.41827	530 m		
+78.09_+016.41	-	78.08640	1,560 ft	0	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	16.41267	475 m		
+78.10_+016.40	-	78.10067	1,390 ft	0	-
LATLON	-	16.40100	424 m		
+78.11_+016.38	-	78.11468	1,230 ft	0	-
LATLON	-	16.38332	375 m		
+78.13_+016.36	-	78.12832	1,090 ft	0	-
LATLON	-	16.35977	332 m		
+78.14_+016.33	-	78.14148	950 ft	0	-
LATLON	-	16.33050	290 m		
+78.15_+016.30	-	78.15407	820 ft	0	-
LATLON	-	16.29573	250 m		
+78.17_+016.26	-	78.16599	700 ft	0	-
LATLON	-	16.25571	213 m		
+78.18_+016.21	-	78.17714	580 ft	0	-
LATLON	-	16.21073	177 m		
+78.19_+016.16	-	78.18746	480 ft	0	-
LATLON	-	16.16115	146 m		
+78.20_+016.11	-	78.19684	390 ft	0	-
LATLON	-	16.10732	119 m		
+78.21_+016.05	-	78.20524	310 ft	0	-
LATLON	-	16.04966	94 m		
+78.21_+015.99	-	78.21257	230 ft	0	-
LATLON	-	15.98859	70 m		
+78.22_+015.92	-	78.21879	170 ft	0	-
LATLON	-	15.92460	52 m		
+78.22_+015.86	-	78.22385	120 ft	0	-
LATLON	-	15.85817	37 m		
ENSB	-	78.24329	0 ft	4	-
APT	-	15.51634	0 m		

## EDDL

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

Elevation: 145 ft / 44 m  
Location: 51.289400 6.766620  
Magnetic Var: 2.679 E

## METAR

EDDL 141720Z AUTO 13012KT CAVOK 26/10 Q1004 NOSIG

## TAF

TAF EDDL 141100Z 1412/1518 15013KT CAVOK PROB30 TEMPO 1412/1414 15015G25KT BECMG 1416/1418 16007KT BECMG 1419/1421 15013KT CAVOK

## Frequencies

REC - 123.77 MHz - ATIS	CLD - 121.77 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - GROUND	GND - 121.60 MHz - GROUND
GND - 121.67 MHz - GROUND	TWR - 118.30 MHz - TOWER
TWR - 124.35 MHz - TOWER	APP - 128.55 MHz - LANGEN RADAR
APP - 121.35 MHz - LANGEN RADAR	APP - 128.50 MHz - LANGEN RADAR
APP - 128.65 MHz - DUSSELDORF DIRECTOR	DEP - 133.77 MHz - DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	148 ft	9,851 ft	52.68	CONCRETE	984 ft	659 ft
	45 m	3,003 m	50.00		300 m	201 m
23L	148 ft	9,851 ft	232.71	CONCRETE	984 ft	702 ft
	45 m	3,003 m	230.03		300 m	214 m
05L	148 ft	8,866 ft	52.68	CONCRETE	994 ft	906 ft
	45 m	2,702 m	50.00		303 m	276 m
23R	148 ft	8,866 ft	232.70	CONCRETE	971 ft	928 ft
	45 m	2,702 m	230.02		296 m	283 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IDNE	110.95 MHz	18 nm	52.69	-	145 ft
				33 km	50.01		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.02		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.02		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.01		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.01		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.02		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.02		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.01		145 m

## ENSB

Region: NORWAY  
Timezone: ARCTIC/LONGYEARBYEN  
Runways: 1

Elevation: 94 ft / 29 m  
Location: 78.246100 15.465600  
Magnetic Var: 11.201 E

## METAR

ENSB 141720Z VRB03KT 9999 FEW035 BKN120 01/M03 Q1004 RMK WIND 1400FT 11008KT

## TAF

TAF ENSB 141100Z 1412/1512 13012KT 9999 BKN030 TEMPO 1412/1415 24009KT

## Frequencies

TWR - 118.10 MHz - SVALBARD TOWER

REC - 119.85 MHz - SVALBARD INFORMATION

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	8,154 ft	105.17	ASPHALT	712 ft	0 ft
	45 m	2,485 m	93.97		217 m	0 m
28	148 ft	8,154 ft	285.27	ASPHALT	374 ft	0 ft
	45 m	2,485 m	274.07		114 m	0 m

## Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	LB	110.30 MHz	18 nm	105.42	-	111 ft
				33 km	94.22		111 m
28	LOC-LOC	LA	109.50 MHz	18 nm	302.89	-	153 ft
				33 km	291.69		153 m
10	GS	LB	110.30 MHz	10 nm	105.73	3.00	88 ft
				19 km	94.53		88 m