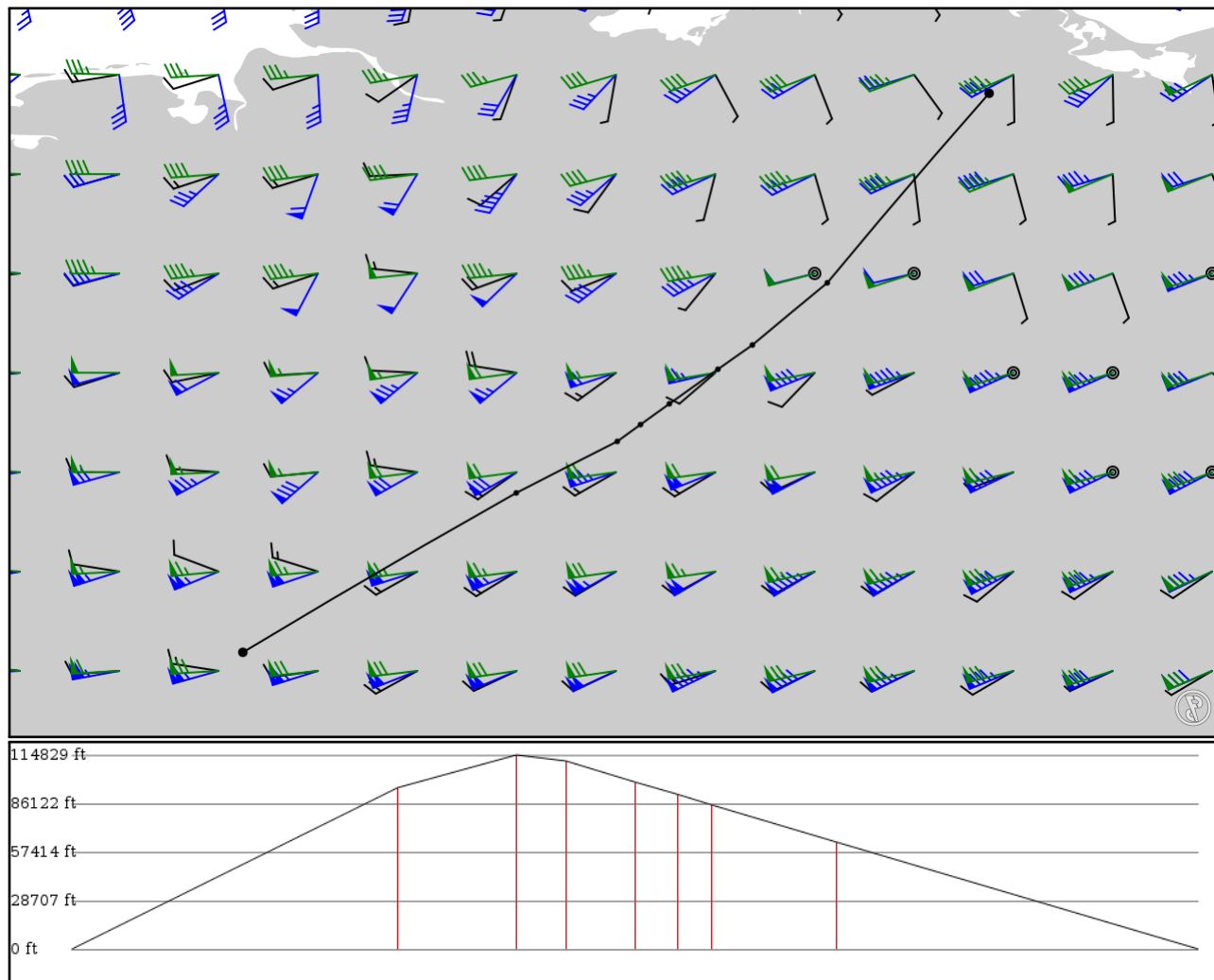


2024/06/05 2153Z

ETNU SOBLU **UN746** MAG **UZ20** BIRKA **T177** ERSIL EDDF

282.05 nm / 522.35 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
ETNU	-	53.60220	0 ft	-	Neubrandenburg
APT	-	13.30600	0 m	-	
SOBLU	-	52.39220	29,100 ft	81	-
FIX	-	12.27280	8,870 m	-	
MAG	UN746	51.99500	35,000 ft	29	MAGDEBURG
VOR	AWY-HI	11.79430	10,668 m	-	
DIBDO	UZ20	51.83970	33,900 ft	12	-
FIX	AWY-HI	11.57390	10,333 m	-	
KENIG	UZ20	51.61960	30,100 ft	17	-
FIX	AWY-HI	11.26440	9,174 m	-	
ORTAG	UZ20	51.48680	27,900 ft	10	-
FIX	AWY-HI	11.07980	8,504 m	-	
BIRKA	UZ20	51.37940	26,000 ft	8	-
FIX	AWY-HI	10.93170	7,925 m	-	
ERSIL	T177	51.05060	19,300 ft	31	-
FIX	AWY-LO	10.28660	5,883 m	-	
EDDF	-	50.03260	0 ft	90	Frankfurt
APT	-	8.54067	0 m	-	

ETNU

Region: GERMANY - MILITARY
Timezone: EUROPE/BERLIN
Runways: 1

Elevation: 228 ft / 69 m
Location: 53.602200 13.306000
Magnetic Var: 4.714 E

METAR

UNKNOWN

TAF

UNKNOWN

Frequencies

TWR - 132.65 MHz - BERLIN INFO
TWR - 119.17 MHz -
APP - 123.30 MHz - RADAR

TWR - 122.05 MHz - INFO
TWR - 122.10 MHz -
APP - 129.00 MHz - RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	7,500 ft	88.89	CONCRETE	0 ft	0 ft
	45 m	2,286 m	84.17		0 m	0 m
27	148 ft	7,500 ft	268.92	CONCRETE	0 ft	0 ft
	45 m	2,286 m	264.20		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
27	LOC-ILS	INEW	108.75 MHz	18 nm	268.65	-	206 ft
				33 km	263.93		206 m
27	GS	INEW	108.75 MHz	10 nm	269.80	3.00	274 ft
				19 km	265.09		274 m

EDDF

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 4

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.183 E

METAR

EDDF 052120Z AUTO 27005KT CAVOK 13/11 Q1016 NOSIG

TAF

TAF TAF EDDF 051700Z 0518/0624 25010KT 9999 BKN040 PROB40 TEMPO 0518/0520 30015G25KT SHRA BKN030CB BECMG 0521/0524

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.38		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.40		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.44		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.46		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.46		0 m	37 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m