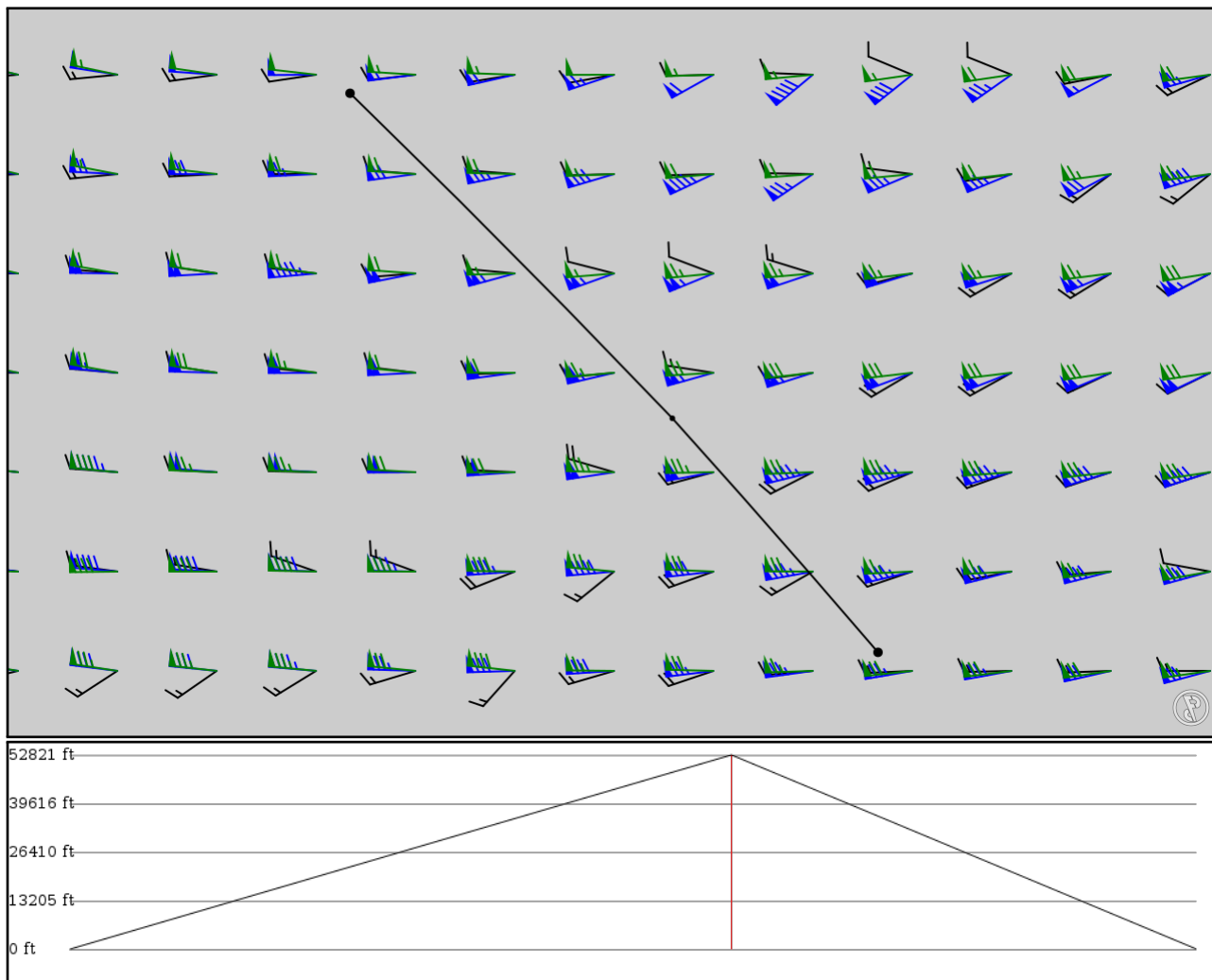


2024/05/02 2244Z

EDDL BUGUR EDDS

182.65 nm / 338.26 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
EDDL	-	51.28940	0 ft	-	Dusseldorf
APT	-	6.76662	0 m		
BUGUR	-	49.77810	16,100 ft	107	-
FIX	-	8.26556	4,907 m		
EDDS	-	48.68980	0 ft	75	Stuttgart
APT	-	9.22197	0 m		

EDDL

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

Elevation: 145 ft / 44 m
Location: 51.289400 6.766620
Magnetic Var: 2.674 E

METAR

EDDL 022220Z AUTO 25007KT 6000 -RA BKN008 BKN012 14/14 Q1003 RESHRA TEMPO 4000 RA

TAF

TAF EDDL 021700Z 0218/0324 25006KT CAVOK TEMPO 0218/0221 27014KT TSRA BKN030CB PROB40 TEMPO 0218/0221 28020G35KT

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	230.03		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	50.02		145 m
05R	LOC-ILS	IDSE	110.15 MHz	18 nm	52.70	-	145 ft
				33 km	50.03		145 m
23L	LOC-ILS	IDSW	109.90 MHz	18 nm	232.70	-	145 ft
				33 km	230.03		145 m
23R	LOC-ILS	IDNW	109.30 MHz	18 nm	232.69	-	145 ft
				33 km	230.02		145 m
05L	GS	IDNE	110.95 MHz	10 nm	52.69	3.00	145 ft
				19 km	50.02		145 m
05R	GS	IDSE	110.15 MHz	10 nm	52.70	3.00	145 ft
				19 km	50.03		145 m
23L	GS	IDSW	109.90 MHz	10 nm	232.70	3.00	145 ft
				19 km	230.03		145 m
23R	GS	IDNW	109.30 MHz	10 nm	232.69	3.00	145 ft
				19 km	230.02		145 m

EDDS

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

Elevation: 1,271 ft / 387 m
Location: 48.689800 9.221970
Magnetic Var: 3.320 E

METAR

EDDS 022220Z AUTO 20007KT 150V260 9999 FEW017 BKN022 OVC026 11/09 Q1007

TAF

TAF TAF EDDS 021700Z 0218/0318 23008KT 9999 SCT030 TEMPO 0218/0221 4500 SHRA BKN030CB

Frequencies

REC - 126.13 MHz - STUTTGART ATIS	COM - 122.80 MHz - STUTTGART UNICOM
CLD - 121.90 MHz - STUTTGART DELIVERY	GND - 118.60 MHz - STUTTGART GROUND
TWR - 118.80 MHz - STUTTGART TOWER	TWR - 119.05 MHz - STUTTGART TOWER
APP - 119.85 MHz - STUTTGART DIRECTOR	APP - 119.20 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	10,985 ft	74.04	CONCRETE	997 ft	138 ft
	45 m	3,348 m	70.72		304 m	42 m
25	148 ft	10,985 ft	254.07	CONCRETE	0 ft	144 ft
	45 m	3,348 m	250.75		0 m	44 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	ISTE	115.45 MHz	18 nm	-	-	1,332 ft
				33 km	-		1,332 m
25	DME	ISTW	115.45 MHz	18 nm	-	-	1,332 ft
				33 km	-		1,332 m
07	LOC-ILS	ISTE	109.50 MHz	18 nm	74.05	-	1,271 ft
				33 km	70.73		1,271 m
25	LOC-ILS	ISTW	109.90 MHz	18 nm	254.05	-	1,271 ft
				33 km	250.73		1,271 m
07	GS	ISTE	109.50 MHz	10 nm	74.05	3.00	1,271 ft
				19 km	70.73		1,271 m
25	GS	ISTW	109.90 MHz	10 nm	254.05	3.00	1,271 ft
				19 km	250.73		1,271 m