

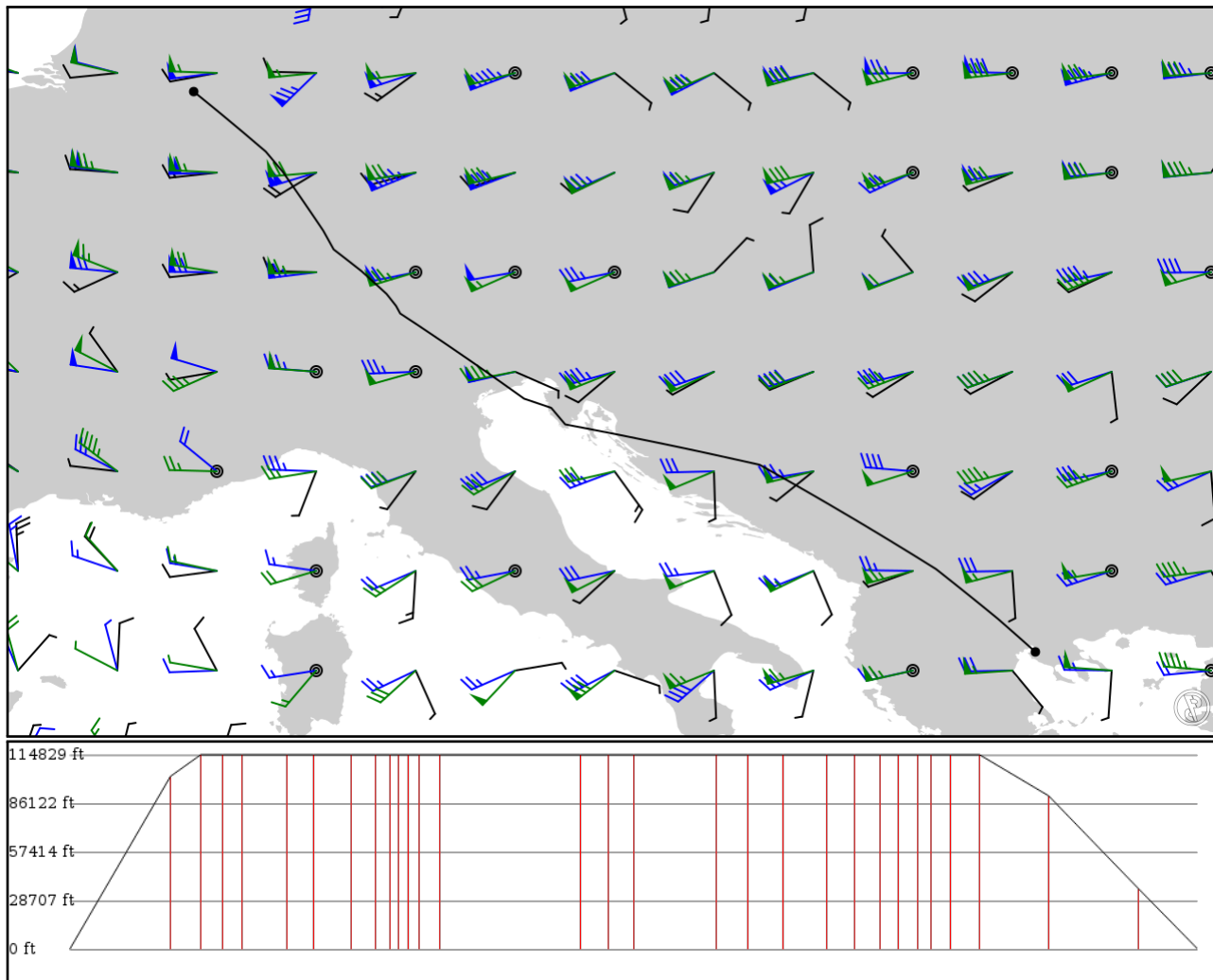
EDDL
Dusseldorf

LGTS
Thessaloniki Makedonia International Airport

2024/05/03 0239Z

EDDL TUSUK **UZ738** RIDSU **UL607** ELMEM **UN606** OTRES **UT307** DIRAB **T307** BABAG VRS **P28** PUL **L614** SOLGU **M867**
MEDUX **UM867** KOGAT **L737** ERANA LGTS

975.51 nm / 1806.65 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		
TUSUK	-	50.13560	31,100 ft	87	-
FIX	-	8.15417	9,479 m		
RIDSU	UZ738	49.74900	35,000 ft	26	-
FIX	AWY-HI	8.47989	10,668 m		
ABUKA	UL607	49.46530	35,000 ft	18	-
FIX	AWY-HI	8.67917	10,668 m		
SUNEG	UL607	49.19860	35,000 ft	17	-
FIX	AWY-HI	8.86417	10,668 m		
TEDGO	UL607	48.61840	35,000 ft	38	-
FIX	AWY-HI	9.25921	10,668 m		
UTABA	UL607	48.25500	35,000 ft	23	-
FIX	AWY-HI	9.46167	10,668 m		
MOMUK	UL607	47.83860	35,000 ft	32	-
FIX	AWY-HI	9.99694	10,668 m		
BEMKI	UL607	47.55940	35,000 ft	20	-
FIX	AWY-HI	10.30560	10,668 m		
XEBIX	UL607	47.40000	35,000 ft	11	-
FIX	AWY-HI	10.47990	10,668 m		
ELMEM	UL607	47.28560	35,000 ft	7	-
FIX	AWY-HI	10.57070	10,668 m		
BILDU	UN606	47.17040	35,000 ft	7	-
FIX	AWY-HI	10.66180	10,668 m		
OTRES	UN606	47.02350	35,000 ft	9	-
FIX	AWY-HI	10.74240	10,668 m		
DIRAB	UT307	46.81370	35,000 ft	18	-
FIX	AWY-HI	11.06230	10,668 m		
BABAG	T307	45.38690	35,000 ft	121	-
FIX	AWY-HI	13.12690	10,668 m		
VRS	-	45.21020	35,000 ft	24	VRSAR
NDB	-	13.64900	10,668 m		
PUL	P28	44.89240	35,000 ft	22	PULA
VOR	AWY-LO	13.91810	10,668 m		
PALEZ	L614	44.57500	35,000 ft	71	-
FIX	AWY-LO	15.53310	10,668 m		
SONIK	L614	44.44830	35,000 ft	27	-
FIX	AWY-LO	16.14330	10,668 m		
ELTIB	L614	44.30360	35,000 ft	30	-
FIX	AWY-LO	16.81640	10,668 m		
SOLGU	L614	44.11580	35,000 ft	38	-
FIX	AWY-LO	17.66140	10,668 m		
GILUK	M867	43.86690	35,000 ft	24	-
FIX	AWY-LO	18.10560	10,668 m		
RUDAR	M867	43.64860	35,000 ft	21	-
FIX	AWY-LO	18.48920	10,668 m		
OSLUD	M867	43.47720	35,000 ft	16	-
FIX	AWY-LO	18.78720	10,668 m		
GORAV	M867	43.30810	35,000 ft	16	-
FIX	AWY-LO	19.07780	10,668 m		
BUNEX	M867	43.18440	35,000 ft	11	-
FIX	AWY-LO	19.28870	10,668 m		
MODRA	M867	43.00700	35,000 ft	16	-

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
FIX		AWY-LO	19.58880	10,668 m		
MEDUX		M867	42.74750	35,000 ft	24	-
FIX		AWY-LO	20.02190	10,668 m		
KOGAT		UM867	42.11250	27,600 ft	59	-
FIX		AWY-HI	21.05560	8,412 m		
ERANA		L737	41.16330	10,900 ft	77	-
FIX		AWY-LO	22.23940	3,322 m		
LGTS	-	40.52010	0 ft	50	Thessaloniki Makedonia International Airport	
APT	-	22.96910	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 030220Z AUTO 23009KT 9999 OVC007 12/11 Q1004 NOSIG

TAF

TAF EDDL 022300Z 0300/0406 26010KT 8000 BKN010 TEMPO 0300/0309 4000 RA BKN006 PROB40 TEMPO 0302/0307 2000 +RA BR B

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

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Region: GREECE
Timezone: EUROPE/ATHENS
Runways: 2
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Elevation: 21 ft / 6 m
Location: 40.520100 22.969100
Magnetic Var: 5.266 E

LGTS 030150Z VRB02KT 9999 FEW025 13/13 Q1009 NOSIG

TAF LGTS 022300Z 0300/0324 VRB03KT 9999 SCT025 PROB40 TEMPO 0308/0316 5000 SHRA FEW018TCU BKN025 PROB30 TEMPO 0310

REC - 127.55 MHz - THESSALONIKI ATIS	GND - 121.70 MHz - THESSALONIKI GROUND
TWR - 118.05 MHz - THESSALONIKI TOWER	TWR - 118.10 MHz - THESSALONIKI TOWER
APP - 118.27 MHz - THESSALONIKI DIRECTOR	APP - 120.80 MHz - THESSALONIKI APPROACH

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	164 ft	11,259 ft	103.98	ASPHALT	0 ft	0 ft
	50 m	3,432 m	98.72		0 m	0 m
28	164 ft	11,259 ft	284.01	ASPHALT	0 ft	0 ft
	50 m	3,432 m	278.74		0 m	0 m
16	200 ft	7,975 ft	166.43	ASPHALT	0 ft	0 ft
	61 m	2,431 m	161.17		0 m	0 m
34	200 ft	7,975 ft	346.44	ASPHALT	0 ft	0 ft
	61 m	2,431 m	341.17		0 m	0 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	ITSL	110.30 MHz	18 nm	-	-	16 ft
				33 km	-		16 m
10	LOC-ILS	IMAK	109.50 MHz	18 nm	104.00	-	21 ft
				33 km	98.73		21 m
16	LOC-ILS	ITSL	110.30 MHz	18 nm	166.44	-	21 ft
				33 km	161.17		21 m
10	GS	IMAK	109.50 MHz	10 nm	104.00	3.00	21 ft
				19 km	98.73		21 m
16	GS	ITSL	110.30 MHz	10 nm	166.44	3.00	21 ft
				19 km	161.17		21 m