

EDDF

Frankfurt am Main

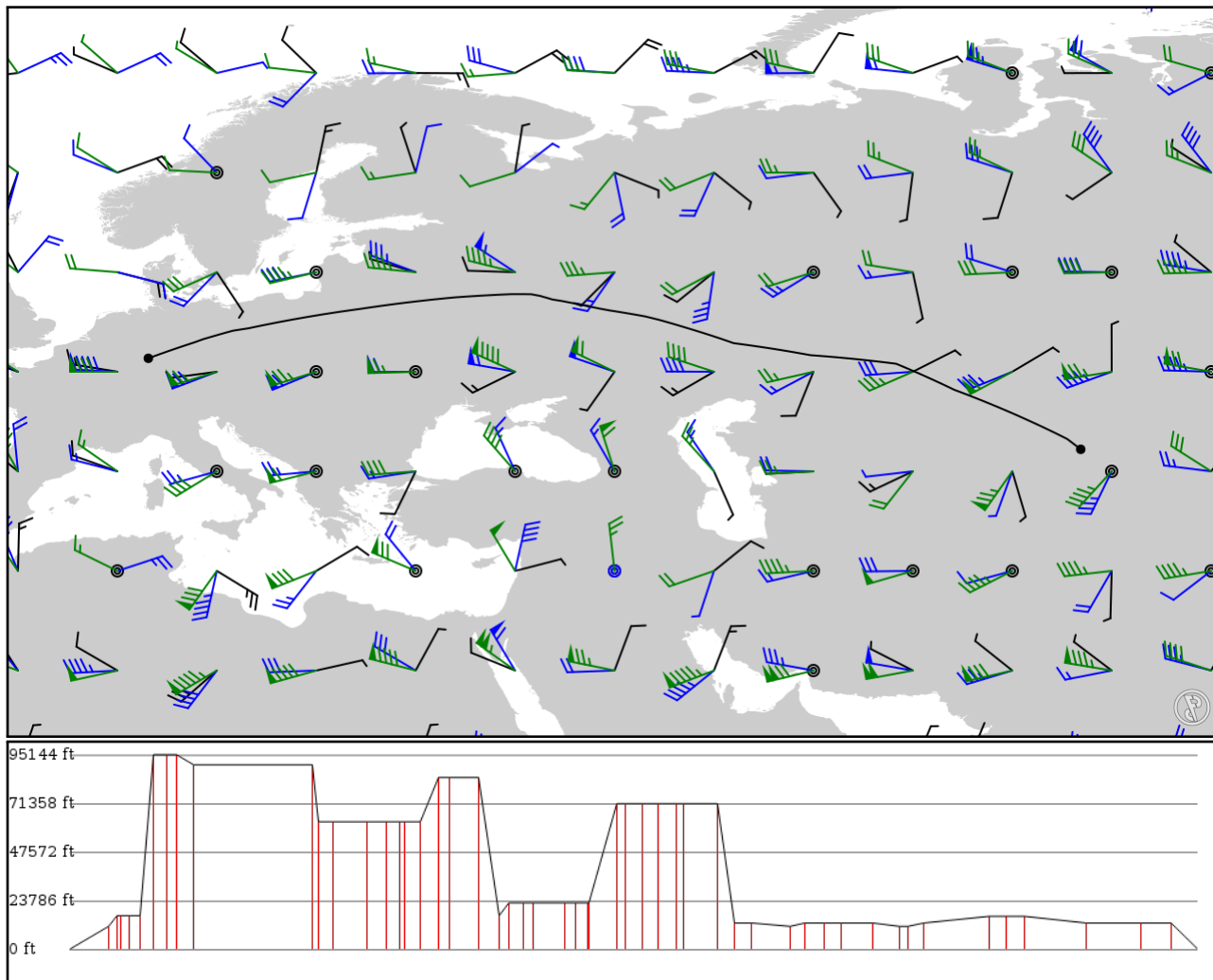
UAAA

Almaty Intl

2024/05/04 0120Z

EDDF TAMEB **T173** TADUV **UL735** LUROS **Q200** GOVEN **UL979** ASKIL **B102** UK **R11** FV **G3** AKB **A360** TIBDA **A73** DZG
W86A VAGRU UAAA

2784.78 nm / 5157.42 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 3400ft
- Cruise Speed: 510kts
- Descent Rate: 2000ft/min
- Descent Speed: 250kts

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDF	-	50.03260	0 ft	-	Frankfurt am Main
APT	-	8.54064	0 m		
TAMEB	-	50.80778	3,400 ft	95	-
FIX	-	10.73000	1,036 m		
WEMAR	T173	50.98306	5,000 ft	22	-
FIX	AWY-HI	11.25194	1,524 m		
RELKO	T173	51.05972	5,000 ft	9	-
FIX	AWY-HI	11.48389	1,524 m		
NOTGO	T173	51.21056	5,000 ft	19	-
FIX	AWY-HI	11.94667	1,524 m		
TADUV	T173	51.42991	5,000 ft	26	-
FIX	AWY-HI	12.54818	1,524 m		
OLBIK	UL735	51.66250	29,000 ft	32	-
FIX	AWY-HI	13.34111	8,839 m		
LUROS	UL735	51.89861	29,000 ft	34	-
FIX	AWY-HI	14.17444	8,839 m		
GOVEN	Q200	52.05833	29,000 ft	23	-
FIX	AWY-HI	14.75555	8,839 m		
KELOD	UL979	52.23389	27,500 ft	42	-
FIX	AWY-HI	15.88333	8,382 m		
ENOBI	UL979	53.59278	27,500 ft	292	-
FIX	AWY-HI	23.62972	8,382 m		
NIMAN	UL979	53.65000	19,000 ft	15	-
FIX	AWY-HI	24.05333	5,791 m		
ELDOK	UL979	53.80167	19,000 ft	37	-
FIX	AWY-HI	25.08167	5,791 m		
MATUS	UL979	54.10333	19,000 ft	81	-
FIX	AWY-HI	27.34000	5,791 m		
KURPI	UL979	54.26333	19,000 ft	49	-
FIX	AWY-HI	28.71167	5,791 m		
SUMOK	UL979	54.36000	19,000 ft	32	-
FIX	AWY-HI	29.61000	5,791 m		
PASUD	UL979	54.39333	19,000 ft	11	-
FIX	AWY-HI	29.93333	5,791 m		
ASKIL	UL979	54.50333	19,000 ft	40	-
FIX	AWY-HI	31.08472	5,791 m		
RALOT	B102	54.58833	25,600 ft	44	-
FIX	AWY-HI	32.35000	7,803 m		
OGALI	B102	54.63639	25,600 ft	28	-
FIX	AWY-HI	33.15472	7,803 m		
UK	B102	54.73750	25,600 ft	71	YUKHNOV NDB
NDB	AWY-HI	35.22111	7,803 m		
IP	R11	54.73333	5,000 ft	49	ZAKHAROVKA NDB
NDB	AWY-HI	36.65000	1,524 m		
IN	R11	54.60889	6,900 ft	24	SUKHOTINO NDB
NDB	AWY-HI	37.32361	2,103 m		
FV	R11	54.34556	6,900 ft	35	VEDEV NDB
NDB	AWY-HI	38.23861	2,103 m		
FE	G3	54.24028	6,900 ft	24	OKTYABRSKIY NDB
NDB	AWY-HI	38.90222	2,103 m		
OBESO	G3	53.83333	6,900 ft	76	-
FIX	AWY-HI	40.95417	2,103 m		
QL	G3	53.68333	6,900 ft	27	ALGASOVO NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-HI	41.68333	2,103 m		
OLOLA	G3	53.53167	6,900 ft	30	-
FIX	AWY-HI	42.50333	2,103 m		
HB	G3	53.51667	6,900 ft	4	ZEMETCHINO NDB
NDB	AWY-HI	42.61667	2,103 m		
LUKER	G3	53.20833	21,700 ft	69	-
FIX	AWY-HI	44.47333	6,614 m		
UWPP	G3	53.11000	21,700 ft	20	-
APT	AWY-HI	45.02333	6,614 m		
OG	G3	52.85000	21,700 ft	41	RUSSKY KAMESHKIR NDB
NDB	AWY-HI	46.08333	6,614 m		
PEGAS	G3	52.58500	21,700 ft	37	-
FIX	AWY-HI	47.02167	6,614 m		
BATUR	G3	52.25167	21,700 ft	45	-
FIX	AWY-HI	48.13667	6,614 m		
ABARO	G3	52.12333	21,700 ft	17	-
FIX	AWY-HI	48.56167	6,614 m		
ARISA	G3	51.49000	21,700 ft	82	-
FIX	AWY-HI	50.54833	6,614 m		
URL	G3	51.14583	3,900 ft	42	URALSK VOR-DME
VOR	AWY-HI	51.54083	1,189 m		
IBLIG	G3	50.99556	3,900 ft	43	-
FIX	AWY-HI	52.65694	1,189 m		
MAGOL	G3	50.62500	3,400 ft	95	-
FIX	AWY-HI	55.09833	1,036 m		
ADONU	G3	50.46806	3,900 ft	36	-
FIX	AWY-HI	56.03306	1,189 m		
AKB	G3	50.26306	3,900 ft	45	AKTYUBINSK VOR-DME
VOR	AWY-HI	57.18389	1,189 m		
OMITO	A360	50.17583	3,900 ft	43	-
FIX	AWY-HI	58.31917	1,189 m		
KESOT	A360	49.99333	3,900 ft	78	-
FIX	AWY-HI	60.32917	1,189 m		
OGIBA	A360	49.81417	3,400 ft	65	-
FIX	AWY-HI	61.99917	1,036 m		
BEKOR	A360	49.75361	3,400 ft	20	-
FIX	AWY-HI	62.51389	1,036 m		
TIBDA	A360	49.63333	3,900 ft	38	-
FIX	AWY-HI	63.48333	1,189 m		
BETIK	A73	48.13528	4,900 ft	161	-
FIX	AWY-HI	66.88583	1,494 m		
DZG	A73	47.71944	4,900 ft	43	ZHEZKAZGAN VOR-DME
VOR	AWY-HI	67.75917	1,494 m		
BELSO	W86A	47.36806	4,900 ft	43	-
FIX	AWY-HI	68.68667	1,494 m		
DODUL	W86A	46.06000	3,900 ft	153	-
FIX	AWY-HI	71.88528	1,189 m		
ANELI	W86A	44.83222	3,900 ft	135	-
FIX	AWY-HI	74.58611	1,189 m		
VAGRU	W86A	44.11861	3,900 ft	75	-
FIX	AWY-HI	76.04500	1,189 m		
UAAA	-	43.35523	0 ft	63	Almaty Intl
APT	-	77.04457	0 m		

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.171 E

METAR

EDDF 040050Z AUTO 06003KT 020V080 CAVOK 07/07 Q1016 NOSIG

TAF

TAF TAF EDDF 032300Z 0400/0506 VRB03KT CAVOK BECMG 0406/0408 08005KT BECMG 0410/0412 16007KT PROB30 TEMPO 0418/05

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	66.39		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.42		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.40		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.44		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.42		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.46		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.47		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.47		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	66.42		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.41		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.44		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.42		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.44		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.41		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.42		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.41		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.44		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.42		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.44		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.41		362 m

UAAA

Region: KAZAKHSTAN AND KYRGYZSTAN
Timezone: ASIA/ALMATY
Runways: 2

Elevation: 2,238 ft / 682 m
Location: 43.355500 77.044000
Magnetic Var: 5.451 E

METAR

UAAA 040100Z 19002MPS 9999 SCT100 BKN200 15/09 Q1004 NOSIG

TAF

TAF UAAA 032300Z 0400/0424 22003MPS 9999 SCT050CB BKN100 TX25/0410Z TN14/0401Z BECMG 0403/0404 33003MPS TEMPO 040

Frequencies

REC - 129.80 MHz - ATIS
GND - 121.70 MHz - ALMATY GROUND
APP - 120.80 MHz - ALMATY RADAR
REC - 135.10 MHz - ATIS
TWR - 119.40 MHz - ALMATY TOWER
APP - 124.80 MHz - ALMATY APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05L	148 ft	14,768 ft	55.71	CONCRETE	0 ft	0 ft
	45 m	4,501 m	50.26		0 m	0 m
23R	148 ft	14,768 ft	235.74	CONCRETE	0 ft	0 ft
	45 m	4,501 m	230.29		0 m	0 m
05R	148 ft	14,409 ft	55.69	ASPHALT	0 ft	246 ft
	45 m	4,392 m	50.24		0 m	75 m
23L	148 ft	14,409 ft	235.72	ASPHALT	0 ft	246 ft
	45 m	4,392 m	230.27		0 m	75 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	LOC-ILS	IMA	109.10 MHz	18 nm	55.73	-	2,238 ft
				33 km	50.28		2,238 m
05R	LOC-ILS	ILM	110.30 MHz	18 nm	55.71	-	2,238 ft
				33 km	50.26		2,238 m
23L	LOC-ILS	IAL	108.10 MHz	18 nm	235.71	-	2,238 ft
				33 km	230.26		2,238 m
23R	LOC-ILS	IAA	111.30 MHz	18 nm	235.73	-	2,238 ft
				33 km	230.28		2,238 m
05L	GS	IMA	109.10 MHz	10 nm	55.73	3.00	2,238 ft
				19 km	50.28		2,238 m
05R	GS	ILM	110.30 MHz	10 nm	55.71	3.00	2,238 ft
				19 km	50.26		2,238 m
23L	GS	IAL	108.10 MHz	10 nm	235.71	3.00	2,238 ft
				19 km	230.26		2,238 m
23R	GS	IAA	111.30 MHz	10 nm	235.73	3.00	2,238 ft
				19 km	230.28		2,238 m