

EDDF

Frankfurt am Main

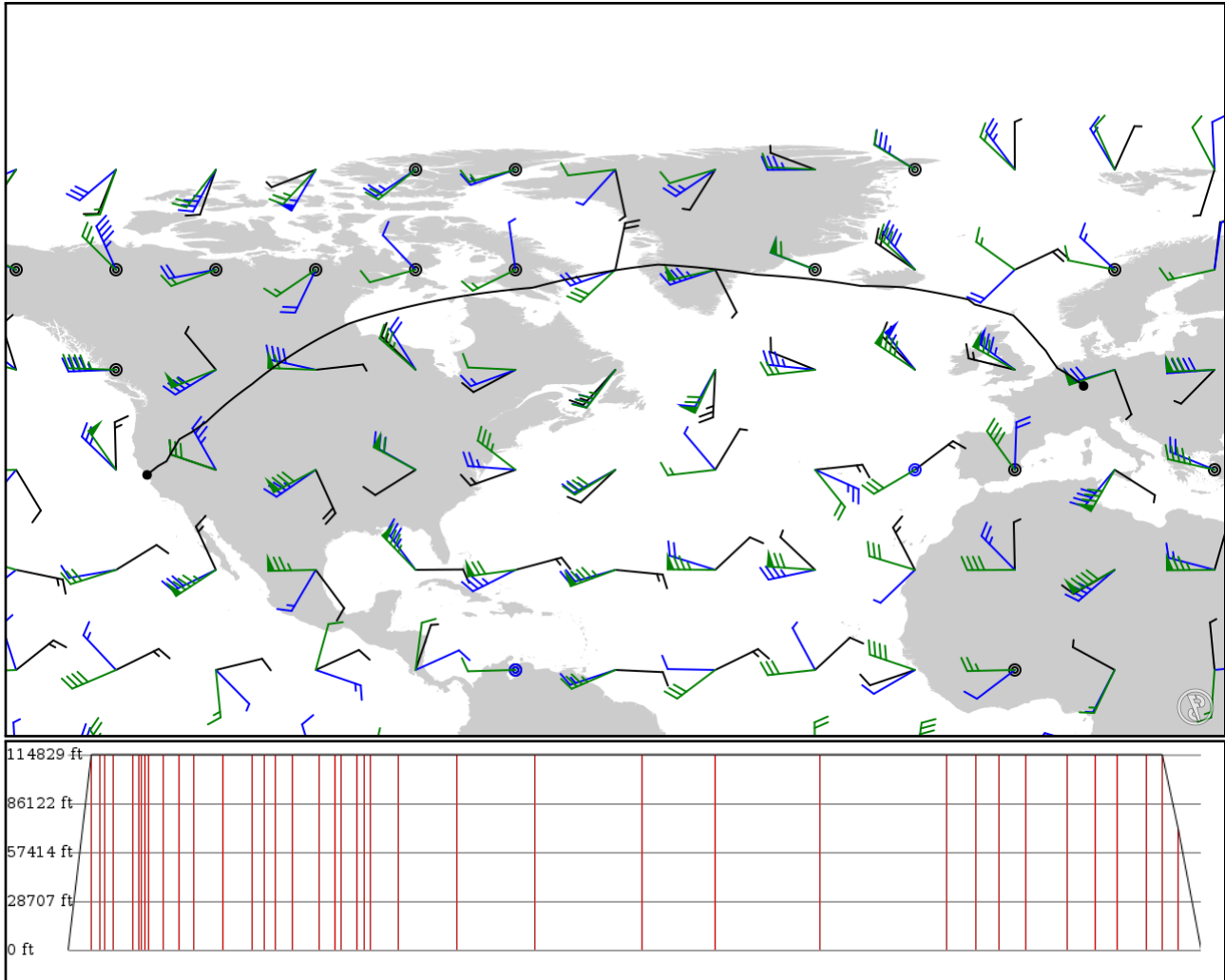
KSFO

San Francisco Intl

2024/05/05 0444Z

EDDF DISMO **UZ28** NPSI **Y282** RENDI **UZ28** SPY **UL7** VENAS **L74** GOLVO **UL7** SUM **UM125** SIDER **G11** MY **G3** KEF
5E72 YFB **N554C** YYQ **NCAE** YYN **J530** GTF **J7** FMG **J32** COLOM KSFO

5038.14 nm / 9330.64 km



Notes

Basic altitude profile:

- Ascent Rate: 1500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 350ft
- Cruise Speed: 310kts
- 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
EDDF	-	50.03260	0 ft	-	Frankfurt am Main
APT	-	8.54064	0 m		
DISMO	-	51.40944	35,000 ft	107	-
FIX	-	6.75167	10,668 m		
NAPSI	UZ28	51.85528	35,000 ft	38	-
FIX	AWY-LO	6.02139	10,668 m		
RENDI	Y282	52.06167	35,000 ft	17	-
FIX	AWY-LO	5.67750	10,668 m		
SPY	UZ28	52.54028	35,000 ft	41	SPIJKERBOOR VOR-DME
VOR	AWY-HI	4.85378	10,668 m		
LONAM	UL7	53.83958	35,000 ft	84	-
FIX	AWY-HI	3.94254	10,668 m		
VENAS	UL7	54.30556	35,000 ft	29	-
FIX	AWY-HI	3.65222	10,668 m		
GOLVO	L74	54.41139	35,000 ft	6	-
FIX	AWY-LO	3.58556	10,668 m		
PELET	UL7	54.65333	35,000 ft	15	-
FIX	AWY-HI	3.43111	10,668 m		
ASKAM	UL7	54.96306	35,000 ft	19	-
FIX	AWY-HI	3.23056	10,668 m		
CUTEL	UL7	55.88583	35,000 ft	62	-
FIX	AWY-HI	2.37444	10,668 m		
ODMIX	UL7	56.97000	35,000 ft	71	-
FIX	AWY-HI	1.46750	10,668 m		
FORTY	UL7	57.95000	35,000 ft	65	-
FIX	AWY-HI	0.59583	10,668 m		
SUM	UL7	59.87889	35,000 ft	129	SUMBURGH VOR-DME
VOR	AWY-HI	-1.28667	10,668 m		
SIDER	UM125	61.00000	35,000 ft	132	-
FIX	AWY-HI	-5.14639	10,668 m		
AB	G11	61.39528	35,000 ft	50	AKRABERG NDB
NDB	AWY-LO	-6.68111	10,668 m		
MY	G11	62.10694	35,000 ft	49	MYGGENES NDB
NDB	AWY-LO	-7.58778	10,668 m		
LINDA	G3	62.62167	35,000 ft	73	-
FIX	AWY-LO	-10.00000	10,668 m		
ROSTI	G3	63.40639	35,000 ft	121	-
FIX	AWY-LO	-14.11222	10,668 m		
ING	G3	63.80306	35,000 ft	71	INGO VOR-DME
VOR	AWY-LO	-16.63806	10,668 m		
MIKLA	G3	63.84833	35,000 ft	24	-
FIX	AWY-LO	-17.57417	10,668 m		
SKARD	G3	63.94278	35,000 ft	69	-
FIX	AWY-LO	-20.20500	10,668 m		
METIL	G3	63.97194	35,000 ft	34	-
FIX	AWY-LO	-21.52611	10,668 m		
KEF	G3	63.98681	35,000 ft	28	KEFLAVIK VORTAC
VOR	AWY-LO	-22.61450	10,668 m		
GIMLI	5E72	64.64000	35,000 ft	120	-
FIX	AWY-HI	-26.97833	10,668 m		
DA	5E72	65.57056	35,000 ft	264	KULUSUK NDB
NDB	AWY-HI	-37.20694	10,668 m		
SF	5E72	66.96749	35,000 ft	341	SONDRE STROMFJORD NDB

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
NDB	AWY-HI	-50.94167	10,668 m		
YFB	5E72	63.74167	35,000 ft	477	FROBAY VOR
VOR	AWY-HI	-68.47333	10,668 m		
BODRA	N554C	62.28278	35,000 ft	325	-
FIX	AWY-HI	-80.00000	10,668 m		
YYQ	N554C	58.74175	35,000 ft	467	CHURCHILL VOR-DME
VOR	AWY-HI	-94.13531	10,668 m		
ELTAX	NCAE	51.95667	35,000 ft	563	-
FIX	AWY-HI	-105.59500	10,668 m		
YYN	NCAE	50.29706	35,000 ft	127	SWIFT CURRENT VOR-DME
VOR	AWY-HI	-107.69089	10,668 m		
GGRBI	J530	49.00000	35,000 ft	103	-
FIX	AWY-HI	-109.45800	10,668 m		
GTF	J530	47.44998	35,000 ft	121	GREAT FALLS VORTAC
DME	AWY-HI	-111.41216	10,668 m		
LKT	J7	45.02131	35,000 ft	183	SALMON VOR-DME
VOR	AWY-HI	-114.08425	10,668 m		
BOI	J7	43.55281	35,000 ft	126	BOISE VORTAC
VOR	AWY-HI	-116.19214	10,668 m		
REO	J7	42.59056	35,000 ft	93	ROME VOR-DME
VOR	AWY-HI	-117.86814	10,668 m		
GASSI	J7	40.57166	35,000 ft	132	-
FIX	AWY-HI	-119.06834	10,668 m		
FMG	J7	39.53128	35,000 ft	68	MUSTANG VORTAC
VOR	AWY-HI	-119.65608	10,668 m		
COLOM	J32	38.83897	21,800 ft	70	-
FIX	AWY-HI	-120.87002	6,645 m		
KSFO	-	37.61867	0 ft	102	San Francisco Intl
APT	-	-122.37501	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 050420Z AUTO 20006KT 9999 BKN040 13/12 Q1010 NOSIG

TAF

TAF TAF EDDF 042300Z 0500/0606 19006KT 9999 BKN030 PROB30 TEMPO 0500/0502 SHRA SCT014 BKN020CB PROB30 TEMPO 0502/0606

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

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.845 E

METAR

KSFO 050356Z 26007KT 10SM FEW008 FEW020 11/06 A2989 RMK A02 SLP120 T01110061 \$

TAF

KSFO 050302Z 0503/0606 26015KT P6SM VCSH FEW008 FEW025 FM050600 31011G20KT P6SM VCSH SCT040 FM051400 29015KT P6SM

Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.05		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.07		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.05		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.07		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.87		0 m	136 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m