

# EDDF

Frankfurt am Main

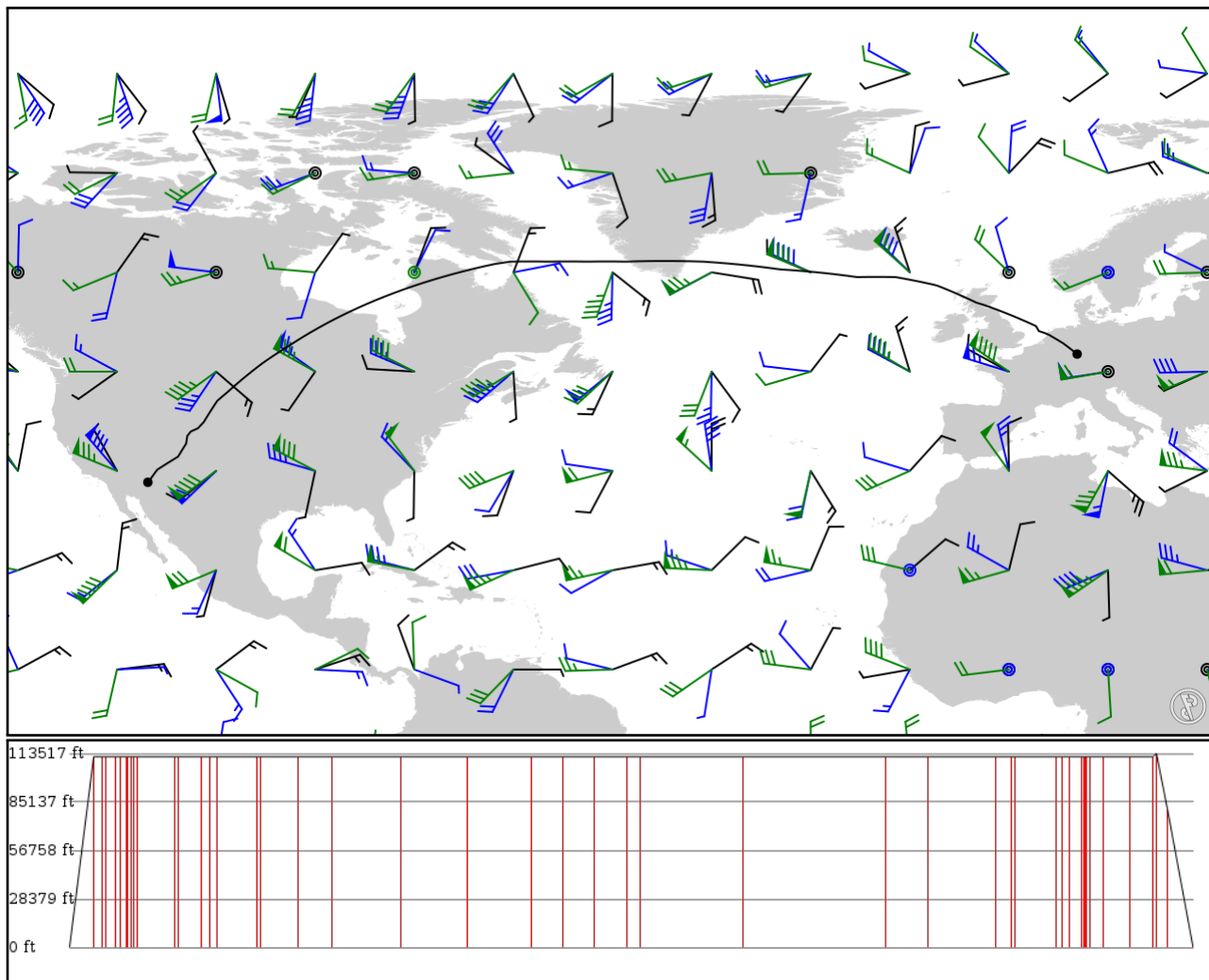
# KPHX

Phoenix Sky Harbor Intl

2024/06/04 1352Z

EDDF DISMO **UZ28** NAPSI **Y282** RENDI **UZ28** SPY **L602** SUPUR **P1** ROKAN **UM982** FINDO **UP58** NEVIS **UP24** NINEX  
**UP59** BALIX 6000N01500W +60.000\_--20.000 **A** +61.000\_--30.000 **C** +62.000\_--50.000 6200N05500W  
6200N06000W 6200N06500W FEDDY **N532E** HML **J107** DPR **V169** RAP **J17** CYS **V361** DBL **J206** HBU **J10** RSK **J44**  
INW **V95** PXR KPHX

4952.15 nm / 9171.39 km



## Notes

Using NAT tracks from 1/3/2017

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
EDDF	-	50.03260	0 ft	-	Frankfurt am Main
APT	-	8.54064	0 m		
DISMO	-	51.40944	34,000 ft	107	-
FIX	-	6.75167	10,363 m		
NAPSI	UZ28	51.85528	34,000 ft	38	-
FIX	AWY-LO	6.02139	10,363 m		
RENDI	Y282	52.06167	34,000 ft	17	-
FIX	AWY-LO	5.67750	10,363 m		
SPY	UZ28	52.54028	34,000 ft	41	SPIJKERBOOR VOR-DME
VOR	AWY-HI	4.85378	10,363 m		
BERGI	L602	52.74875	34,000 ft	21	-
FIX	AWY-LO	4.35893	10,363 m		
AMGOD	L602	52.97522	34,000 ft	27	-
FIX	AWY-LO	3.68539	10,363 m		
SUPUR	L602	53.01522	34,000 ft	4	-
FIX	AWY-LO	3.56446	10,363 m		
GODOS	P1	53.24904	34,000 ft	14	-
FIX	AWY-LO	3.42966	10,363 m		
BINBO	P1	53.40167	34,000 ft	9	-
FIX	AWY-LO	3.34139	10,363 m		
ROKAN	P1	53.66333	34,000 ft	16	-
FIX	AWY-LO	3.18889	10,363 m		
ERLOT	UM982	55.28722	34,000 ft	163	-
FIX	AWY-HI	-0.58500	10,363 m		
ROBEM	UM982	55.45917	34,000 ft	18	-
FIX	AWY-HI	-1.02056	10,363 m		
FINDO	UM982	56.36917	34,000 ft	98	-
FIX	AWY-HI	-3.46361	10,363 m		
NEVIS	UP58	56.69528	34,000 ft	40	-
FIX	AWY-HI	-4.54472	10,363 m		
ORSUM	UP24	57.05194	34,000 ft	32	-
FIX	AWY-HI	-5.29472	10,363 m		
NINEX	UP24	58.85556	34,000 ft	172	-
FIX	AWY-HI	-9.50000	10,363 m		
BALIX	UP59	59.00000	34,000 ft	17	-
FIX	AWY-HI	-10.00000	10,363 m		
6000N01500W	-	60.00000	34,000 ft	163	-
LATLON	-	-15.00000	10,363 m		
+60.000_--20.000	-	60.00000	34,000 ft	150	-
LATLON	-	-20.00000	10,363 m		
+61.000_--30.000	A	61.00000	34,000 ft	301	-
LATLON	NAT	-30.00000	10,363 m		
+62.000_--40.000	C	62.00000	34,000 ft	292	-
LATLON	NAT	-40.00000	10,363 m		
+62.000_--50.000	C	62.00000	34,000 ft	281	-
LATLON	NAT	-50.00000	10,363 m		
6200N05500W	-	62.00000	34,000 ft	140	-
LATLON	-	-55.00000	10,363 m		
6200N06000W	-	62.00000	34,000 ft	140	-
LATLON	-	-60.00000	10,363 m		
6200N06500W	-	62.00000	34,000 ft	140	-
LATLON	-	-65.00000	10,363 m		
FEDDY	-	61.70000	34,000 ft	59	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-67.00000	10,363 m		
IRLAV FIX	N532E AWY-HI	57.97417 -80.00000	34,000 ft 10,363 m	450	-
YRL DME	N532E AWY-HI	51.07139 -93.76194	34,000 ft 10,363 m	631	RED LAKE VOR-DME
HML VOR	N532E AWY-HI	48.86919 -97.11708	34,000 ft 10,363 m	185	HUMBOLDT VORTAC
DPR VOR	J107 AWY-HI	45.07817 -101.71508	34,000 ft 10,363 m	295	DUPREE VORTAC
BEEFY FIX	V169 AWY-LO	44.19237 -102.76286	34,000 ft 10,363 m	69	-
RAP VOR	V169 AWY-LO	43.97603 -103.01233	34,000 ft 10,363 m	16	RAPID CITY VORTAC
CYS VOR	J17 AWY-HI	41.21097 -104.77292	34,000 ft 10,363 m	183	CHEYENNE VORTAC
BARGR FIX	V361 AWY-LO	40.88638 -105.08303	34,000 ft 10,363 m	24	-
ALLAN FIX	V361 AWY-LO	40.42296 -105.51926	34,000 ft 10,363 m	34	-
RLG VOR	V361 AWY-LO	40.00264 -106.44247	34,000 ft 10,363 m	49	KREMMLING VOR-DME
KIMBL FIX	V361 AWY-LO	39.80735 -106.60026	34,000 ft 10,363 m	13	-
RRIVR FIX	V361 AWY-LO	39.71932 -106.67103	34,000 ft 10,363 m	6	-
VAILE FIX	V361 AWY-LO	39.67293 -106.70824	34,000 ft 10,363 m	3	-
DBL DME	V361 AWY-LO	39.43934 -106.89468	34,000 ft 10,363 m	16	RED TABLE VOR-DME
HBU DME	J206 AWY-HI	38.45215 -107.03979	34,000 ft 10,363 m	59	BLUE MESA VOR-DME
RSK VOR	J10 AWY-HI	36.74839 -108.09889	34,000 ft 10,363 m	114	RATTLESNAKE VORTAC
DEXTR FIX	J44 AWY-HI	35.67915 -109.83233	34,000 ft 10,363 m	105	-
DILCO FIX	J44 AWY-HI	35.53123 -110.06537	34,600 ft 10,546 m	14	-
INW VOR	J44 AWY-HI	35.06161 -110.79503	24,800 ft 7,559 m	45	WINSLOW VORTAC
PXR VOR	V95 AWY-LO	33.43303 -111.97019	400 ft 122 m	113	PHOENIX VORTAC
KPHX APT	- -	33.43358 -112.01184	0 ft 0 m	2	Phoenix Sky Harbor Intl

## EDDF

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

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.182 E

## METAR

EDDF 041320Z AUTO 19005KT 130V300 9999 SCT043 21/11 Q1013 NOSIG

## TAF

TAF EDDF 041100Z 0412/0518 22005KT 9999 BKN030 BECMG 0412/0415 SCT030 TEMPO 0415/0419 BKN030 BECMG 0500/0503 BKN0

## 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	66.41		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

## KPHX

Region: UNITED STATES  
Timezone: AMERICA/PHOENIX  
Runways: 3

Elevation: 1,135 ft / 346 m  
Location: 33.433600 -112.012000  
Magnetic Var: 9.714 E

## METAR

KPHX 041251Z 07005KT 9SM BKN180 27/04 A2976 RMK A02 SLP055 T02670039

## TAF

TAF KPHX 041120Z 0412/0518 10005KT P6SM BKN250 FM041900 27008KT P6SM SCT250 FM051000 10005KT P6SM FEW250

## Frequencies

REC - 127.57 MHz - ATIS	CLD - 118.10 MHz - CLEARANCE DELIVERY
GND - 119.75 MHz - GROUND NORTH	GND - 132.55 MHz - GROUND SOUTH
TWR - 118.70 MHz - TOWER NORTH	TWR - 120.90 MHz - TOWER SOUTH
APP - 128.65 MHz - PHOENIX APPROACH	APP - 120.70 MHz - PHOENIX APPROACH
DEP - 124.10 MHz - PHOENIX APPROACH	DEP - 126.80 MHz - PHOENIX DEPARTURE
DEP - 124.90 MHz - PHOENIX DEPARTURE	DEP - 123.70 MHz - PHOENIX DEPARTURE
DEP - 119.20 MHz - PHOENIX DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	151 ft	11,500 ft	90.06	CONCRETE	912 ft	0 ft
	46 m	3,505 m	80.34		278 m	0 m
26	151 ft	11,500 ft	270.08	CONCRETE	0 ft	0 ft
	46 m	3,505 m	260.36		0 m	0 m
07L	151 ft	10,308 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	3,142 m	80.32		0 m	0 m
25R	151 ft	10,308 ft	270.06	CONCRETE	0 ft	0 ft
	46 m	3,142 m	260.34		0 m	0 m
07R	151 ft	7,806 ft	90.04	CONCRETE	0 ft	0 ft
	46 m	2,379 m	80.32		0 m	0 m
25L	151 ft	7,806 ft	270.05	CONCRETE	0 ft	0 ft
	46 m	2,379 m	260.34		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IPHX	111.50 MHz	18 nm	-	-	1,142 ft
				33 km	-		1,142 m
07R	DME	IAHA	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
08	DME	ISYQ	111.75 MHz	18 nm	-	-	1,149 ft
				33 km	-		1,149 m
25L	DME	IRJG	110.75 MHz	18 nm	-	-	1,135 ft
				33 km	-		1,135 m
26	DME	CWJ	111.75 MHz	18 nm	-	-	1,119 ft
				33 km	-		1,119 m
07L	LOC-ILS	IPHX	111.50 MHz	18 nm	90.05	-	1,135 ft
				33 km	80.34		1,135 m
07R	LOC-ILS	IAHA	110.75 MHz	18 nm	90.04	-	1,135 ft
				33 km	80.33		1,135 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	LOC-ILS	ISYQ	111.75 MHz	18 nm	90.07	-	1,135 ft
				33 km	80.36		1,135 m
25L	LOC-ILS	IRJG	110.75 MHz	18 nm	270.04	-	1,135 ft
				33 km	260.33		1,135 m
26	LOC-ILS	ICWJ	111.75 MHz	18 nm	270.07	-	1,135 ft
				33 km	260.36		1,135 m
07L	GS	IPHX	111.50 MHz	10 nm	90.05	3.01	1,135 ft
				19 km	80.34		1,135 m
07R	GS	IAHA	110.75 MHz	10 nm	90.04	3.01	1,135 ft
				19 km	80.33		1,135 m
08	GS	ISYQ	111.75 MHz	10 nm	90.70	3.01	1,135 ft
				19 km	80.99		1,135 m
25L	GS	IRJG	110.75 MHz	10 nm	270.04	3.00	1,135 ft
				19 km	260.33		1,135 m
26	GS	ICWJ	111.75 MHz	10 nm	270.70	3.00	1,135 ft
				19 km	260.99		1,135 m