

KOPF

Opa Locka

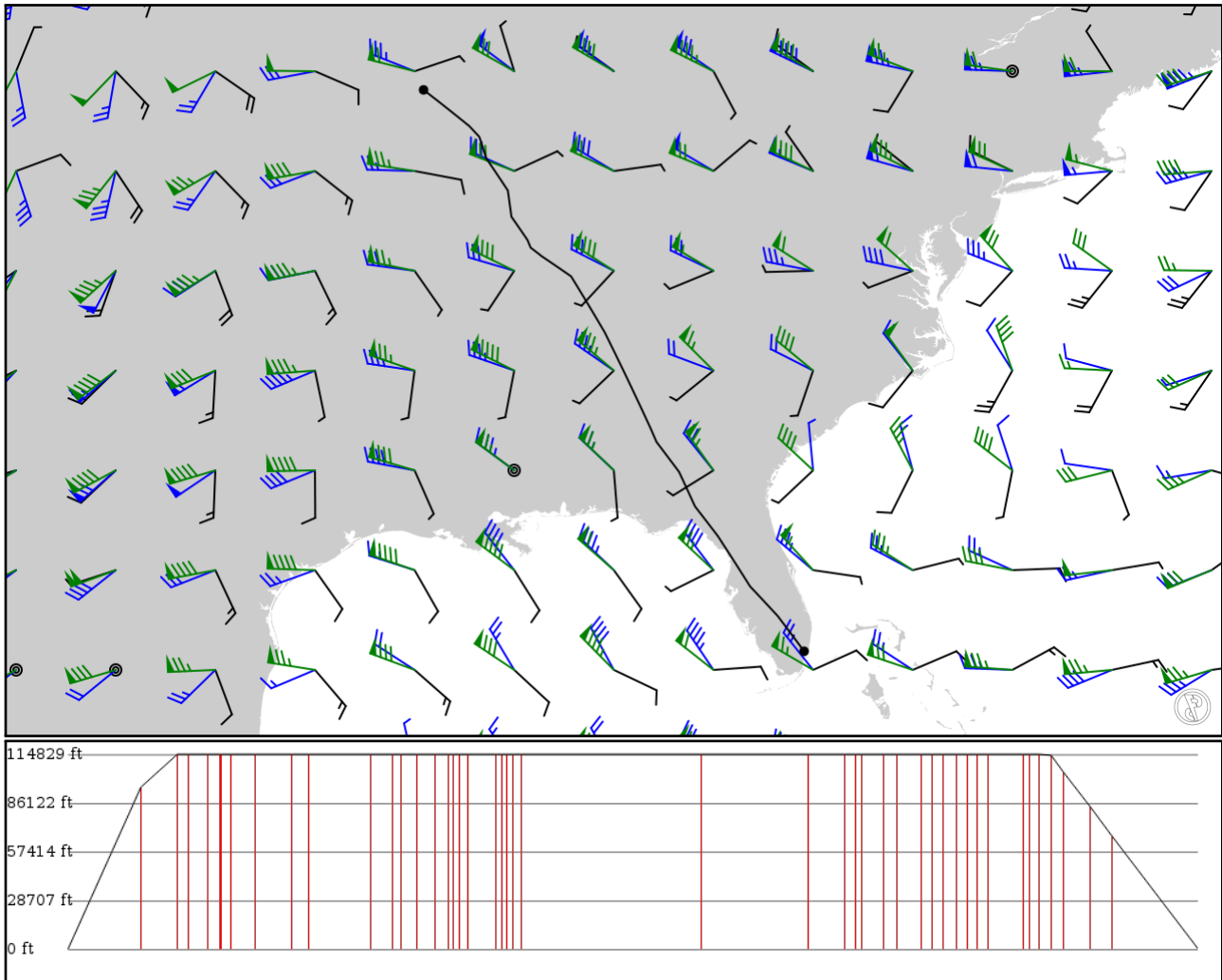
KRST

Rochester Intl

2024/05/17 0903Z

KOPF SIGNL **V511** LAL **V521** CTY **V159** PZD **V321** LGC **J73** PXV **V52** CRATS CORKI **V67** SPI **V129** DBQ **V246**
CASSY KRST

1253.24 nm / 2321.00 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
KOPF APT	-	25.90610 -80.27840	0 ft 0 m	-	Opa Locka
SIGNL FIX	-	27.03340 -81.12380	29,100 ft 8,870 m	81	-
HALLR FIX	V511 AWY-LO	27.54470 -81.59880	35,000 ft 10,668 m	39	-
CAVAR FIX	V511 AWY-LO	27.69990 -81.74420	35,000 ft 10,668 m	12	-
LAL VOR	V511 AWY-LO	27.98620 -82.01390	35,000 ft 10,668 m	22	LAKELAND
PLUMY FIX	V521 AWY-LO	28.17090 -82.13050	35,000 ft 10,668 m	12	-
JUVAS FIX	V521 AWY-LO	28.20290 -82.15080	35,000 ft 10,668 m	2	-
DADES FIX	V521 AWY-LO	28.36270 -82.25220	35,000 ft 10,668 m	10	-
NITTS FIX	V521 AWY-LO	28.74150 -82.49390	35,000 ft 10,668 m	26	-
ORATE FIX	V521 AWY-LO	29.34040 -82.88020	35,000 ft 10,668 m	41	-
CTY VOR	V521 AWY-LO	29.59900 -83.04880	35,000 ft 10,668 m	17	CROSS CITY
GEF VOR	V159 AWY-LO	30.55130 -83.78310	35,000 ft 10,668 m	68	GREENVILLE
YALMI FIX	V159 AWY-LO	30.92530 -83.95450	35,000 ft 10,668 m	24	-
HARKE FIX	V159 AWY-LO	31.07550 -84.02370	35,000 ft 10,668 m	9	-
SALER FIX	V159 AWY-LO	31.34500 -84.14850	35,000 ft 10,668 m	17	-
PZD VOR	V159 AWY-LO	31.65520 -84.29310	35,000 ft 10,668 m	20	PECAN (ALBANY)
KUTVE FIX	V321 AWY-LO	31.86690 -84.45130	35,000 ft 10,668 m	15	-
DUVAT FIX	V321 AWY-LO	31.94880 -84.51270	35,000 ft 10,668 m	5	-
LUMPP FIX	V321 AWY-LO	32.04120 -84.58210	35,000 ft 10,668 m	6	-
PREST FIX	V321 AWY-LO	32.17640 -84.68410	35,000 ft 10,668 m	9	-
CSG VOR	V321 AWY-LO	32.61530 -85.01760	35,000 ft 10,668 m	31	COLUMBUS
JALVO FIX	V321 AWY-LO	32.72240 -85.06400	35,000 ft 10,668 m	6	-
UKAVE FIX	V321 AWY-LO	32.79830 -85.09700	35,000 ft 10,668 m	4	-
STUKY FIX	V321 AWY-LO	32.89920 -85.14080	35,000 ft 10,668 m	6	-
LGC VOR	V321 AWY-LO	33.04910 -85.20620	35,000 ft 10,668 m	9	LA GRANGE
BNA VOR	J73 AWY-HI	36.13700 -86.68480	35,000 ft 10,668 m	199	NASHVILLE
PXV	J73	37.92830	35,000 ft	119	POCKET CITY (EVANSVILLE)

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-87.76240	10,668 m		
ZIMUN	V52	38.36670	35,000 ft	39	-
FIX	AWY-LO	-88.39960	10,668 m		
OFEND	V52	38.49780	35,000 ft	12	-
FIX	AWY-LO	-88.59260	10,668 m		
CRATS	V52	38.57460	35,000 ft	7	-
FIX	AWY-LO	-88.70610	10,668 m		
CORKI	-	38.84950	35,000 ft	23	-
FIX	-	-89.06160	10,668 m		
VLA	V67	39.09380	35,000 ft	15	VANDALIA
VOR	AWY-LO	-89.16220	10,668 m		
CLEEK	V67	39.48830	35,000 ft	26	-
FIX	AWY-LO	-89.43340	10,668 m		
EDINS	V67	39.65980	35,000 ft	11	-
FIX	AWY-LO	-89.55230	10,668 m		
SPI	V67	39.83970	35,000 ft	12	SPINNER (SPRINGFIELD)
VOR	AWY-LO	-89.67770	10,668 m		
GROWL	V129	40.08330	35,000 ft	14	-
FIX	AWY-LO	-89.71080	10,668 m		
LOTTO	V129	40.30030	35,000 ft	13	-
FIX	AWY-LO	-89.74040	10,668 m		
EVERY	V129	40.48100	35,000 ft	10	-
FIX	AWY-LO	-89.76530	10,668 m		
PIA	V129	40.68010	35,000 ft	12	PEORIA
VOR	AWY-LO	-89.79280	10,668 m		
JPAUL	V129	41.25090	35,000 ft	38	-
FIX	AWY-LO	-90.17300	10,668 m		
GENSO	V129	41.36230	35,000 ft	7	-
FIX	AWY-LO	-90.24810	10,668 m		
NOWSO	V129	41.52210	35,000 ft	10	-
FIX	AWY-LO	-90.35630	10,668 m		
CVA	V129	41.70850	34,800 ft	12	DAVENPORT
VOR	AWY-LO	-90.48330	10,607 m		
LOTTE	V129	41.93550	31,800 ft	14	-
FIX	AWY-LO	-90.55690	9,693 m		
DBQ	V129	42.40150	25,600 ft	28	DUBUQUE
VOR	AWY-LO	-90.70910	7,803 m		
CASSY	V246	42.74460	20,300 ft	24	-
FIX	AWY-LO	-91.02910	6,187 m		
KRST	-	43.90790	0 ft	94	Rochester Intl
APT	-	-92.50010	0 m		

KOPF

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

Elevation: 7 ft / 2 m
Location: 25.906100 -80.278400
Magnetic Var: 7.296 W

METAR

KOPF 170753Z AUTO 27003KT 10SM CLR 26/24 A2987 RMK A02 SLP115 T02610244

TAF

KOPF 170846Z 1709/1806 VRB04KT P6SM FEW030 SCT250 FM171400 24007KT P6SM FEW030 FEW050 SCT250 FM171800 16011KT P6S

Frequencies

REC - 125.90 MHz - ATIS
CLD - 119.20 MHz - CLNC DEL
TWR - 118.60 MHz -
APP - 128.60 MHz - MIAMI APP/DEP
COM - 120.70 MHz - CTAF
GND - 121.90 MHz -
TWR - 120.70 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	151 ft	7,989 ft	86.92	ASPHALT	0 ft	190 ft
	46 m	2,435 m	94.22		0 m	58 m
27R	151 ft	7,989 ft	266.93	ASPHALT	0 ft	197 ft
	46 m	2,435 m	274.23		0 m	60 m
12	151 ft	6,797 ft	121.98	ASPHALT	801 ft	197 ft
	46 m	2,072 m	129.27		244 m	60 m
30	151 ft	6,797 ft	301.98	ASPHALT	0 ft	200 ft
	46 m	2,072 m	309.28		0 m	61 m
09R	98 ft	4,300 ft	86.93	ASPHALT	0 ft	0 ft
	30 m	1,311 m	94.22		0 m	0 m
27L	98 ft	4,300 ft	266.93	ASPHALT	0 ft	0 ft
	30 m	1,311 m	274.23		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	IOLX	111.55 MHz	18 nm	-	-	8 ft
				33 km	-		8 m
27R	DME	IPLJ	111.35 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
09L	LOC-ILS	IOPF	110.50 MHz	18 nm	86.92	-	7 ft
				33 km	94.22		7 m
12	LOC-ILS	IOLX	111.55 MHz	18 nm	121.98	-	7 ft
				33 km	129.28		7 m
27R	LOC-ILS	IPLJ	111.35 MHz	18 nm	266.92	-	7 ft
				33 km	274.22		7 m
09L	GS	IOPF	110.50 MHz	10 nm	86.92	3.00	7 ft
				19 km	94.22		7 m
12	GS	IOLX	111.55 MHz	10 nm	121.98	3.00	7 ft
				19 km	129.28		7 m
27R	GS	IPLJ	111.35 MHz	10 nm	266.92	3.00	7 ft
				19 km	274.22		7 m

KRST

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 2

Elevation: 1,317 ft / 401 m
Location: 43.907900 -92.500100
Magnetic Var: 0.764 W

METAR

KRST 170754Z AUTO 17005KT 10SM CLR 09/07 A2974 RMK A02 SLP071 T00890072

TAF

KRST 170521Z 1706/1806 VRB04KT P6SM SKC FM171400 20012G21KT P6SM FEW230 FM180200 19010KT P6SM FEW250

Frequencies

REC - 120.50 MHz - ATIS	COM - 118.30 MHz - CTAF
COM - 122.95 MHz - ROCHESTER UNICOM	GND - 121.90 MHz - ROCHESTER GROUND
TWR - 118.30 MHz - ROCHESTER TOWER	DEP - 119.20 MHz - ROCHESTER DEPARTURE
APP - 119.20 MHz - ROCHESTER APPROACH	DEP - 119.80 MHz - ROCHESTER DEPARTURE
APP - 119.80 MHz - ROCHESTER APPROACH	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02	150 ft	7,308 ft	26.42	CONCRETE	0 ft	0 ft
	46 m	2,227 m	27.18		0 m	0 m
20	150 ft	7,308 ft	206.43	CONCRETE	0 ft	0 ft
	46 m	2,227 m	207.19		0 m	0 m
13	150 ft	9,043 ft	132.25	CONCRETE	0 ft	0 ft
	46 m	2,756 m	133.01		0 m	0 m
31	150 ft	9,043 ft	312.27	CONCRETE	0 ft	0 ft
	46 m	2,756 m	313.03		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IMNK	109.10 MHz	18 nm	132.26	-	1,317 ft
				33 km	133.02		1,317 m
31	LOC-ILS	IRST	108.50 MHz	18 nm	312.26	-	1,317 ft
				33 km	313.02		1,317 m
13	GS	IMNK	109.10 MHz	10 nm	132.26	3.00	1,317 ft
				19 km	133.02		1,317 m
31	GS	IRST	108.50 MHz	10 nm	312.26	3.00	1,317 ft
				19 km	313.02		1,317 m