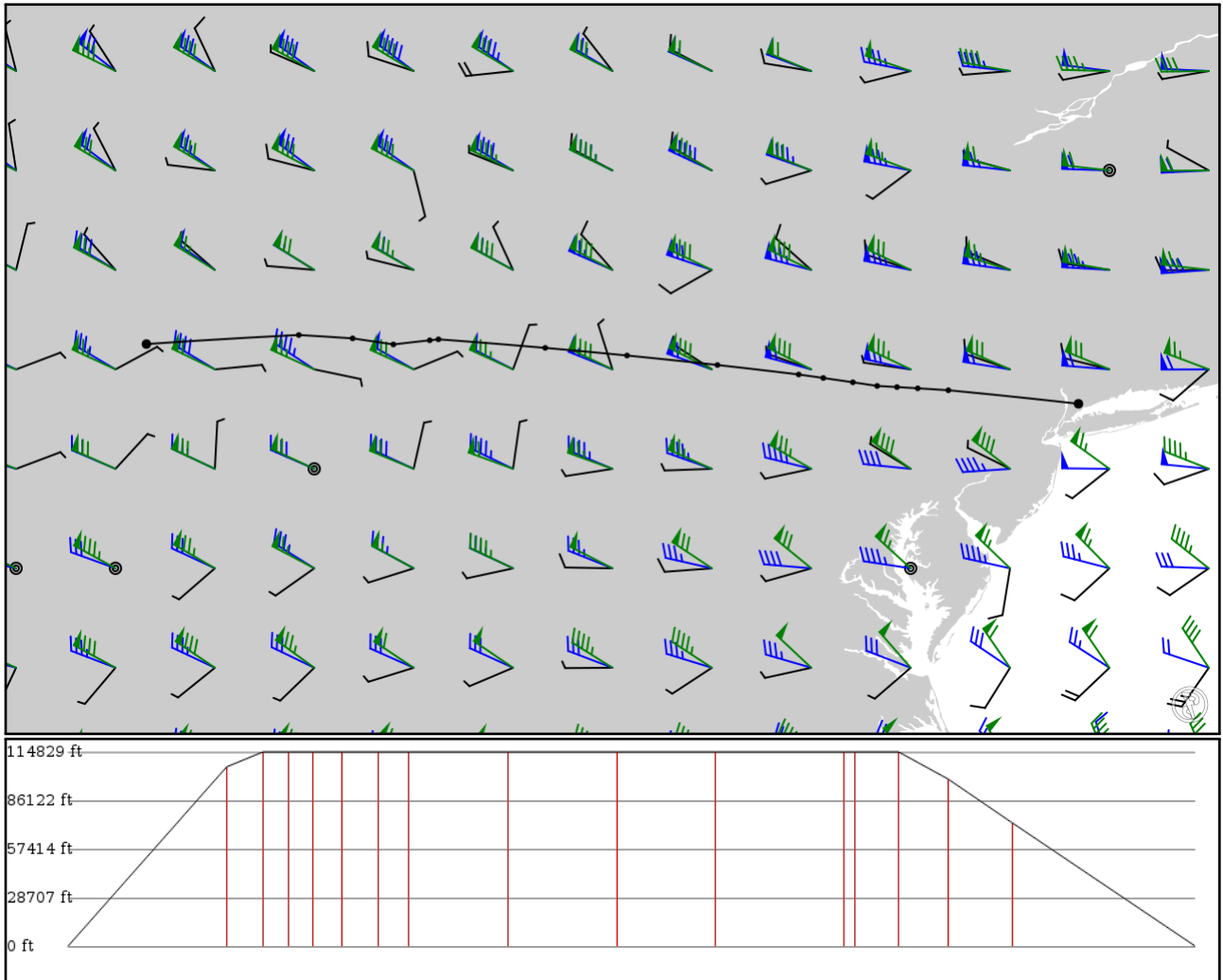


2024/05/13 0610Z

KHPN LVZ **V188** SLT **J190** CRL **V10** LFD **V100** RESGY KORD

641.99 nm / 1188.97 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
KHPN APT	-	41.06670 -73.70760	0 ft 0 m	-	WESTCHESTER CO
LVZ VOR	-	41.27280 -75.68950	32,300 ft 9,845 m	90	WILKES-BARRE
SWANK FIX	V188 AWY-LO	41.30230 -76.15620	35,000 ft 10,668 m	21	-
MUNCI FIX	V188 AWY-LO	41.32130 -76.47250	35,000 ft 10,668 m	14	-
FQM VOR	V188 AWY-LO	41.33860 -76.77490	35,000 ft 10,668 m	13	WILLIAMSPORT
TRUER FIX	V188 AWY-LO	41.39380 -77.14430	35,000 ft 10,668 m	16	-
BLAZE FIX	V188 AWY-LO	41.45950 -77.59490	35,000 ft 10,668 m	20	-
SLT VOR	V188 AWY-LO	41.51280 -77.97010	35,000 ft 10,668 m	17	SLATE RUN
ZORBO FIX	J190 AWY-HI	41.65720 -79.20750	35,000 ft 10,668 m	56	-
DORET FIX	J190 AWY-HI	41.80160 -80.58460	35,000 ft 10,668 m	62	-
KEEHO FIX	J190 AWY-HI	41.91760 -81.83100	35,000 ft 10,668 m	56	-
CRL VOR	J190 AWY-HI	42.04800 -83.45760	35,000 ft 10,668 m	73	CARLETON
JUSUL FIX	V10 AWY-LO	42.03330 -83.59030	35,000 ft 10,668 m	5	-
CRUXX FIX	V10 AWY-LO	41.97020 -84.14430	35,000 ft 10,668 m	25	-
LFD VOR	V10 AWY-LO	42.06250 -84.76510	30,100 ft 9,174 m	28	LITCHFIELD
RESGY FIX	V100 AWY-LO	42.11390 -85.58530	22,200 ft 6,767 m	36	-
KORD APT	-	41.97570 -87.90640	0 ft 0 m	103	Chicago O'Hare Intl

## KHPN

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 437 ft / 133 m  
Location: 41.066700 -73.707600  
Magnetic Var: 12.932 W

## METAR

KHPN 130556Z 26004KT 10SM CLR 08/06 A3001 RMK A02 SLP163 T00830061 10100 20083 53008

## TAF

KHPN 130523Z 1306/1406 VRB03KT P6SM SCT250 TEMPO 1309/1312 BKN009 FM131300 22007KT P6SM FEW030 SCT250 FM131900 18

## Frequencies

REC - 133.80 MHz - ATIS	COM - 122.95 MHz - UNICOM
COM - 118.57 MHz - CTAF	CLD - 127.25 MHz - CLNC DEL
GND - 121.82 MHz -	TWR - 118.57 MHz -
APP - 120.80 MHz - NEW YORK APP	APP - 124.65 MHz - NEW YORK APP
APP - 126.40 MHz - NEW YORK APP	DEP - 120.55 MHz - NEW YORK DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	151 ft	4,441 ft	102.45	ASPHALT	0 ft	0 ft
	46 m	1,354 m	115.38		0 m	0 m
29	151 ft	4,441 ft	282.46	ASPHALT	1,296 ft	0 ft
	46 m	1,354 m	295.39		395 m	0 m
16	151 ft	6,551 ft	149.99	ASPHALT	0 ft	200 ft
	46 m	1,997 m	162.92		0 m	61 m
34	151 ft	6,551 ft	330.00	ASPHALT	0 ft	200 ft
	46 m	1,997 m	342.93		0 m	61 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	DME	IHPN	109.70 MHz	18 nm	-	-	439 ft
				33 km	-		439 m
34	DME	IQJZ	109.70 MHz	18 nm	-	-	439 ft
				33 km	-		439 m
16	LOC-ILS	IHPN	109.70 MHz	18 nm	150.01	-	439 ft
				33 km	162.94		439 m
34	LOC-ILS	IQJZ	109.70 MHz	18 nm	330.00	-	439 ft
				33 km	342.93		439 m
16	GS	IHPN	109.70 MHz	10 nm	150.99	3.00	422 ft
				19 km	163.92		422 m
34	GS	IQJZ	109.70 MHz	10 nm	330.99	3.00	377 ft
				19 km	343.92		377 m

## KORD

Region: UNITED STATES  
Timezone: AMERICA/CHICAGO  
Runways: 6

Elevation: 680 ft / 207 m  
Location: 41.973400 -87.906600  
Magnetic Var: 4.111 W

## METAR

KORD 130551Z 22013G19KT 10SM FEW140 BKN250 22/09 A2977 RMK A02 SLP075 T02170094 10272 20217 402830094 50005

## TAF

KORD 130533Z 1306/1412 22010KT P6SM SCT070 BKN250 FM131900 22009KT P6SM -SHRA VCTS BKN030CB TEMPO 1321/1401 VRB15

## Frequencies

REC - 135.40 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 119.25 MHz - CLEARANCE DELIVERY	CLD - 121.60 MHz - CLEARANCE DELIVERY
GND - 118.05 MHz - O'HARE GROUND	GND - 121.67 MHz - O'HARE GROUND
GND - 121.75 MHz - O'HARE GROUND	GND - 121.90 MHz - O'HARE GROUND
GND - 124.12 MHz - O'HARE GROUND	GND - 134.12 MHz - O'HARE GROUND
TWR - 120.75 MHz - O'HARE TOWER	TWR - 121.15 MHz - O'HARE TOWER
TWR - 126.90 MHz - O'HARE TOWER	TWR - 127.92 MHz - O'HARE TOWER
TWR - 132.70 MHz - O'HARE TOWER	TWR - 128.15 MHz - O'HARE TOWER
TWR - 133.00 MHz - O'HARE TOWER	APP - 119.00 MHz - CHICAGO APPROACH
APP - 133.62 MHz - CHICAGO APPROACH	APP - 124.35 MHz - CHICAGO APPROACH
APP - 125.70 MHz - CHICAGO APPROACH	DEP - 125.00 MHz - CHICAGO DEPARTURE
DEP - 125.40 MHz - CHICAGO DEPARTURE	DEP - 127.40 MHz - CHICAGO DEPARTURE
DEP - 128.80 MHz - CHICAGO DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10C	200 ft	10,789 ft	89.85	CONCRETE	0 ft	397 ft
	61 m	3,289 m	93.96		0 m	121 m
28C	200 ft	10,789 ft	269.88	CONCRETE	0 ft	381 ft
	61 m	3,289 m	273.99		0 m	116 m
10L	151 ft	12,996 ft	89.87	CONCRETE	0 ft	394 ft
	46 m	3,961 m	93.99		0 m	120 m
28R	151 ft	12,996 ft	269.91	CONCRETE	0 ft	285 ft
	46 m	3,961 m	274.02		0 m	87 m
04R	151 ft	8,074 ft	41.40	CONCRETE	0 ft	850 ft
	46 m	2,461 m	45.51		0 m	259 m
22L	151 ft	8,074 ft	221.41	CONCRETE	0 ft	584 ft
	46 m	2,461 m	225.53		0 m	178 m
09R	151 ft	7,949 ft	89.98	CONCRETE	0 ft	148 ft
	46 m	2,423 m	94.09		0 m	45 m
27L	151 ft	7,949 ft	270.00	CONCRETE	0 ft	197 ft
	46 m	2,423 m	274.11		0 m	60 m
09L	151 ft	7,484 ft	89.99	CONCRETE	0 ft	397 ft
	46 m	2,281 m	94.10		0 m	121 m
27R	151 ft	7,484 ft	270.00	CONCRETE	0 ft	397 ft
	46 m	2,281 m	274.12		0 m	121 m
10R	151 ft	7,484 ft	89.85	CONCRETE	0 ft	400 ft
	46 m	2,281 m	93.96		0 m	122 m
28L	151 ft	7,484 ft	269.87	CONCRETE	0 ft	400 ft
	46 m	2,281 m	273.98		0 m	122 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	ISAJ	111.75 MHz	18 nm	-	-	668 ft
				33 km	-		668 m
10L	DME	IMED	111.10 MHz	18 nm	-	-	678 ft
				33 km	-		678 m
27L	DME	IIAC	110.50 MHz	18 nm	-	-	641 ft
				33 km	-		641 m
27R	DME	IABU	111.75 MHz	18 nm	-	-	668 ft
				33 km	-		668 m
28R	DME	ITSL	111.10 MHz	18 nm	-	-	678 ft
				33 km	-		678 m
04R	LOC-ILS	IFJU	110.10 MHz	18 nm	41.41	-	680 ft
				33 km	45.52		680 m
09L	LOC-ILS	ISAJ	111.75 MHz	18 nm	90.00	-	680 ft
				33 km	94.11		680 m
09R	LOC-ILS	IJAV	110.50 MHz	18 nm	89.99	-	680 ft
				33 km	94.10		680 m
10L	LOC-ILS	IMED	111.10 MHz	18 nm	89.89	-	680 ft
				33 km	94.00		680 m
10C	LOC-ILS	ISXH	108.95 MHz	18 nm	89.86	-	680 ft
				33 km	93.97		680 m
10R	LOC-ILS	IIZJ	110.75 MHz	18 nm	89.86	-	680 ft
				33 km	93.97		680 m
22L	LOC-ILS	ILQQ	110.10 MHz	18 nm	221.41	-	680 ft
				33 km	225.52		680 m
27L	LOC-ILS	IIAC	110.50 MHz	18 nm	269.99	-	680 ft
				33 km	274.10		680 m
27R	LOC-ILS	IABU	111.75 MHz	18 nm	270.00	-	680 ft
				33 km	274.11		680 m
28L	LOC-ILS	IVQX	110.75 MHz	18 nm	269.87	-	680 ft
				33 km	273.98		680 m
28C	LOC-ILS	IVZE	108.95 MHz	18 nm	269.87	-	680 ft
				33 km	273.98		680 m
28R	LOC-ILS	ITSL	111.10 MHz	18 nm	269.88	-	680 ft
				33 km	273.99		680 m
04R	GS	IFJU	110.10 MHz	10 nm	41.41	3.00	680 ft
				19 km	45.52		680 m
09L	GS	ISAJ	111.75 MHz	10 nm	90.00	3.00	680 ft
				19 km	94.11		680 m
09R	GS	IJAV	110.50 MHz	10 nm	89.99	3.00	680 ft
				19 km	94.10		680 m
10L	GS	IMED	111.10 MHz	10 nm	89.89	3.00	680 ft
				19 km	94.00		680 m
10C	GS	ISXH	108.95 MHz	10 nm	89.86	3.00	680 ft
				19 km	93.97		680 m
10R	GS	IIZJ	110.75 MHz	10 nm	89.86	3.00	680 ft
				19 km	93.97		680 m
22L	GS	ILQQ	110.10 MHz	10 nm	221.41	3.00	680 ft
				19 km	225.52		680 m
27L	GS	IIAC	110.50 MHz	10 nm	269.99	3.00	680 ft
				19 km	274.10		680 m
27R	GS	IABU	111.75 MHz	10 nm	270.00	3.00	680 ft
				19 km	274.11		680 m
28L	GS	IVQX	110.75 MHz	10 nm	269.87	3.00	680 ft
				19 km	273.98		680 m
28C	GS	IVZE	108.95 MHz	10 nm	269.87	3.00	680 ft
				19 km	273.98		680 m
28R	GS	ITSL	111.10 MHz	10 nm	269.88	3.00	680 ft
				19 km	273.99		680 m