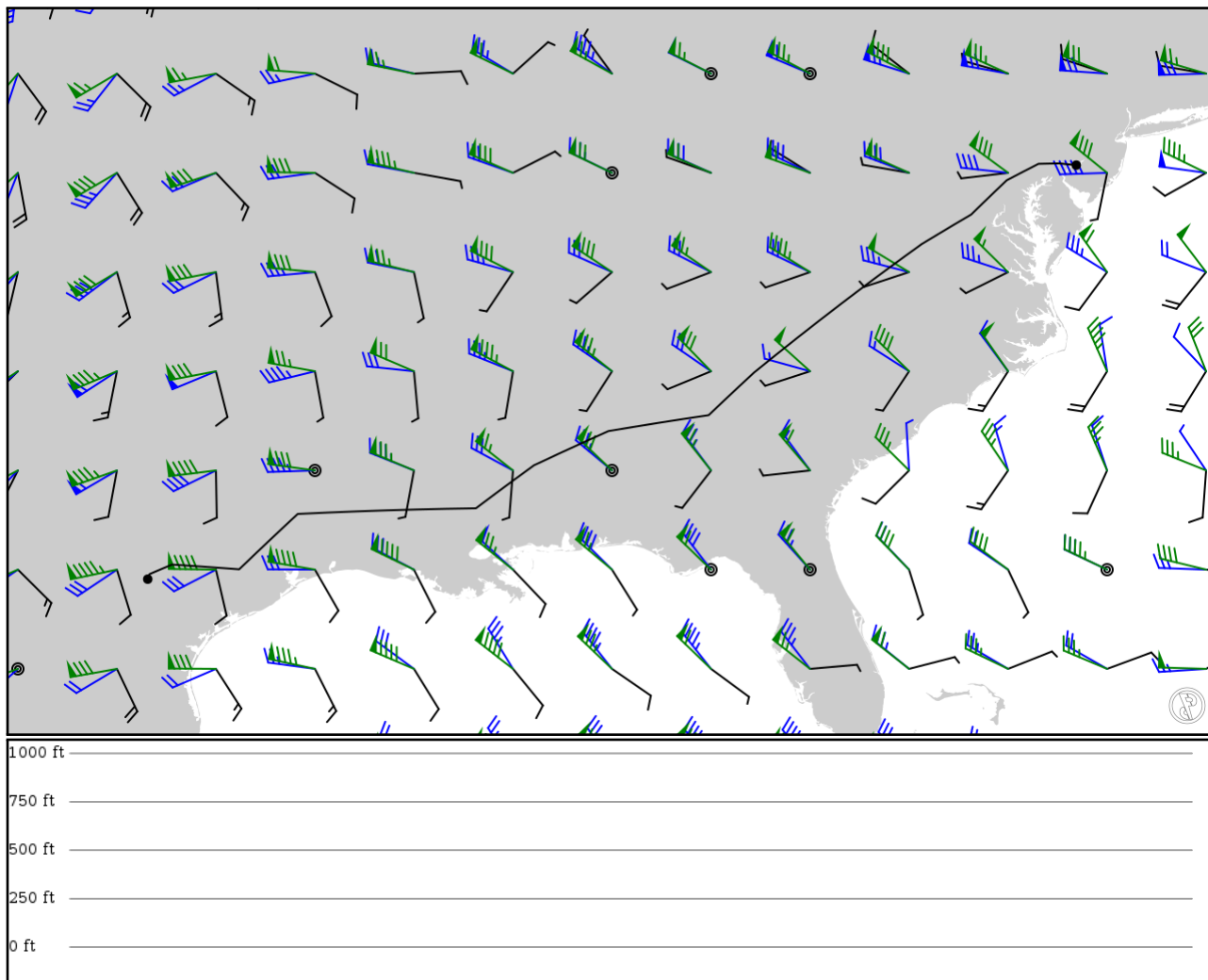


2024/05/01 0422Z

KPHL MXE PENSY **J48** ODF ATL **J239** MEI **J22** MCB LFK WEEED REDNK RODIO MARCS BRAUN TROOP CRISS KSAT

1395.67 nm / 2584.78 km



## Notes

Requested: KPHL MXE PENSY J48 ODF ATL J239 MEI J22 MCB LFK WEEED WALIN REDNK RODIO MARCS BRAUN TROOP CRISS JATAX KS

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KPHL	-	39.87390	0 ft	-	Philadelphia Intl
APT	-	-75.23740	0 m		
MXE	-	39.91800	0 ft	20	MODENA
VOR	-	-75.67080	0 m		
PENSY	-	39.90720	0 ft	23	-
FIX	-	-76.18250	0 m		
EMI	J48	39.49500	0 ft	44	WESTMINSTER
VOR	AWY-HI	-76.97860	0 m		
CSN	J48	38.64120	0 ft	65	CASANOVA
VOR	AWY-HI	-77.86550	0 m		
MOL	J48	37.90050	0 ft	73	MONTEBELLO
VOR	AWY-HI	-79.10690	0 m		
FLASK	J48	37.01780	0 ft	78	-
FIX	AWY-HI	-80.31630	0 m		
REAVS	J48	36.70310	0 ft	27	-
FIX	AWY-HI	-80.73670	0 m		
SPA92	J48	36.41240	0 ft	25	-
FIX	AWY-HI	-81.11990	0 m		
ODF	J48	34.69590	0 ft	148	FOOTHILLS (TOCCOA)
VOR	AWY-HI	-83.29770	0 m		
ATL	-	33.62910	0 ft	85	ATLANTA
VOR	-	-84.43510	0 m		
WEONE	J239	33.52570	0 ft	34	-
FIX	AWY-HI	-85.12220	0 m		
JAMMR	J239	33.23210	0 ft	92	-
FIX	AWY-HI	-86.94230	0 m		
MEI	J239	32.37840	0 ft	107	MERIDIAN
VOR	AWY-HI	-88.80430	0 m		
MCB	J22	31.30450	0 ft	98	MC COMB
VOR	AWY-HI	-90.25820	0 m		
LFK	-	31.16240	0 ft	229	LUFKIN
VOR	-	-94.71680	0 m		
WEEED	-	29.77920	0 ft	112	-
FIX	-	-96.18190	0 m		
REDNK	-	29.83950	0 ft	42	-
FIX	-	-97.00100	0 m		
RODIO	-	29.87000	0 ft	22	-
FIX	-	-97.44050	0 m		
MARCS	-	29.89780	0 ft	21	-
FIX	-	-97.86130	0 m		
BRAUN	-	29.81280	0 ft	11	-
FIX	-	-98.06320	0 m		
TROOP	-	29.68060	0 ft	18	-
FIX	-	-98.37530	0 m		
CRISS	-	29.65870	0 ft	2	-
FIX	-	-98.42690	0 m		
KSAT	-	29.53410	0 ft	7	San Antonio Intl
APT	-	-98.46930	0 m		

## KPHL

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 4

Elevation: 36 ft / 11 m  
Location: 39.874100 -75.236800  
Magnetic Var: 11.990 W

## METAR

KPHL 010354Z 04005KT 7SM BKN065 BKN090 OVC210 17/13 A2988 RMK A02 SLP116 T01720128

## TAF

TAF AMD KPHL 010253Z 0103/0206 03008KT P6SM VCSH BKN060 FM010500 04005KT P6SM BKN035 FM011400 31005KT P6SM SCT035

## Frequencies

REC - 133.40 MHz - D-ATIS	REC - 135.92 MHz - D-ATIS
COM - 122.95 MHz - PHILADELPHIA UNICOM	GND - 121.65 MHz - PHILADELPHIA GROUND
GND - 121.90 MHz - PHILADELPHIA GROUND	TWR - 118.50 MHz - PHILADELPHIA TOWER
TWR - 135.10 MHz - PHILADELPHIA TOWER	CLD - 118.85 MHz - CLEARANCE DELIVERY
DEP - 119.75 MHz - PHILADELPHIA DEPARTURE	DEP - 124.35 MHz - PHILADELPHIA DEPARTURE
APP - 123.80 MHz - PHILADELPHIA APPROACH	APP - 124.35 MHz - PHILADELPHIA APPROACH
APP - 126.85 MHz - PHILADELPHIA APPROACH	APP - 127.35 MHz - PHILADELPHIA APPROACH
APP - 128.40 MHz - PHILADELPHIA APPROACH	APP - 133.87 MHz - PHILADELPHIA APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09R	200 ft	11,981 ft	75.41	ASPHALT	0 ft	292 ft
	61 m	3,652 m	87.40		0 m	89 m
27L	200 ft	11,981 ft	255.44	ASPHALT	1,909 ft	397 ft
	61 m	3,652 m	267.43		582 m	121 m
09L	150 ft	9,482 ft	75.42	ASPHALT	0 ft	413 ft
	46 m	2,890 m	87.41		0 m	126 m
27R	150 ft	9,482 ft	255.44	ASPHALT	0 ft	397 ft
	46 m	2,890 m	267.43		0 m	121 m
17	150 ft	6,508 ft	159.13	ASPHALT	0 ft	200 ft
	46 m	1,984 m	171.12		0 m	61 m
35	150 ft	6,508 ft	339.14	ASPHALT	0 ft	200 ft
	46 m	1,984 m	351.13		0 m	61 m
08	150 ft	4,992 ft	75.44	ASPHALT	0 ft	197 ft
	46 m	1,521 m	87.43		0 m	60 m
26	150 ft	4,992 ft	255.45	ASPHALT	0 ft	0 ft
	46 m	1,521 m	267.44		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IVII	108.95 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
09R	DME	IPHL	109.30 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
26	DME	ILLH	111.55 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
27L	DME	IGLC	109.30 MHz	18 nm	-	-	38 ft
				33 km	-		38 m
27R	DME	IPDP	108.95 MHz	18 nm	-	-	38 ft
				33 km	-		38 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	LOC-ILS	IVII	108.95 MHz	18 nm	75.43	-	36 ft
				33 km	87.42		36 m
09R	LOC-ILS	IPHL	109.30 MHz	18 nm	75.43	-	36 ft
				33 km	87.42		36 m
17	LOC-ILS	IMMY	108.75 MHz	18 nm	159.14	-	36 ft
				33 km	171.13		36 m
27L	LOC-ILS	IGLC	109.30 MHz	18 nm	255.43	-	36 ft
				33 km	267.42		36 m
27R	LOC-ILS	IPDP	108.95 MHz	18 nm	255.43	-	36 ft
				33 km	267.42		36 m
09L	GS	IVII	108.95 MHz	10 nm	75.43	3.00	36 ft
				19 km	87.42		36 m
09R	GS	IPHL	109.30 MHz	10 nm	75.43	3.00	36 ft
				19 km	87.42		36 m
17	GS	IMMY	108.75 MHz	10 nm	159.14	3.00	36 ft
				19 km	171.13		36 m
27L	GS	IGLC	109.30 MHz	10 nm	255.43	3.00	36 ft
				19 km	267.42		36 m
27R	GS	IPDP	108.95 MHz	10 nm	255.43	3.00	36 ft
				19 km	267.42		36 m

## KSAT

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

Elevation: 809 ft / 247 m  
Location: 29.534100 -98.469300  
Magnetic Var: 3.533 E

## METAR

KSAT 010351Z 14012KT 10SM FEW027 BKN230 26/21 A2987 RMK A02 SLP096 T02560211

## TAF

KSAT 010300Z 0103/0206 13012KT P6SM FEW050 BKN250 FM010400 13010KT P6SM OVC017 FM010900 13010KT P6SM OVC008 FM011

## Frequencies

REC - 118.90 MHz - SAN ANTONIO ATIS	COM - 122.95 MHz - SAN ANTONIO UNICOM
GND - 121.90 MHz - SAN ANTONIO GROUND	TWR - 119.80 MHz - SAN ANTONIO TOWER
APP - 124.45 MHz - SAN ANTONIO APPROACH	APP - 128.05 MHz - SAN ANTONIO APPROACH
APP - 118.05 MHz - SAN ANTONIO APPROACH	APP - 125.10 MHz - SAN ANTONIO APPROACH
DEP - 124.45 MHz - SAN ANTONIO DEPARTURE	DEP - 128.05 MHz - SAN ANTONIO DEPARTURE
DEP - 118.05 MHz - SAN ANTONIO DEPARTURE	DEP - 125.10 MHz - SAN ANTONIO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
04	150 ft	8,516 ft	40.63	CONCRETE	0 ft	200 ft
	46 m	2,596 m	37.09		0 m	61 m
22	150 ft	8,516 ft	220.63	CONCRETE	0 ft	400 ft
	46 m	2,596 m	217.10		0 m	122 m
13R	150 ft	8,507 ft	131.75	CONCRETE	0 ft	210 ft
	46 m	2,593 m	128.22		0 m	64 m
31L	150 ft	8,507 ft	311.76	CONCRETE	0 ft	197 ft
	46 m	2,593 m	308.23		0 m	60 m
13L	100 ft	5,519 ft	131.78	ASPHALT	0 ft	154 ft
	30 m	1,682 m	128.25		0 m	47 m
31R	100 ft	5,519 ft	311.79	ASPHALT	0 ft	0 ft
	30 m	1,682 m	308.25		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13R	DME	IANT	110.90 MHz	18 nm	-	-	791 ft
				33 km	-		791 m
31L	DME	IIZR	110.90 MHz	18 nm	-	-	809 ft
				33 km	-		809 m
04	LOC-ILS	ISAT	109.70 MHz	18 nm	40.63	-	809 ft
				33 km	37.10		809 m
13R	LOC-ILS	IANT	110.90 MHz	18 nm	131.76	-	809 ft
				33 km	128.23		809 m
31L	LOC-ILS	IIZR	110.90 MHz	18 nm	311.76	-	809 ft
				33 km	308.23		809 m
04	GS	ISAT	109.70 MHz	10 nm	40.63	3.00	809 ft
				19 km	37.10		809 m
13R	GS	IANT	110.90 MHz	10 nm	131.76	3.00	809 ft
				19 km	128.23		809 m
31L	GS	IIZR	110.90 MHz	10 nm	311.76	3.00	809 ft
				19 km	308.23		809 m