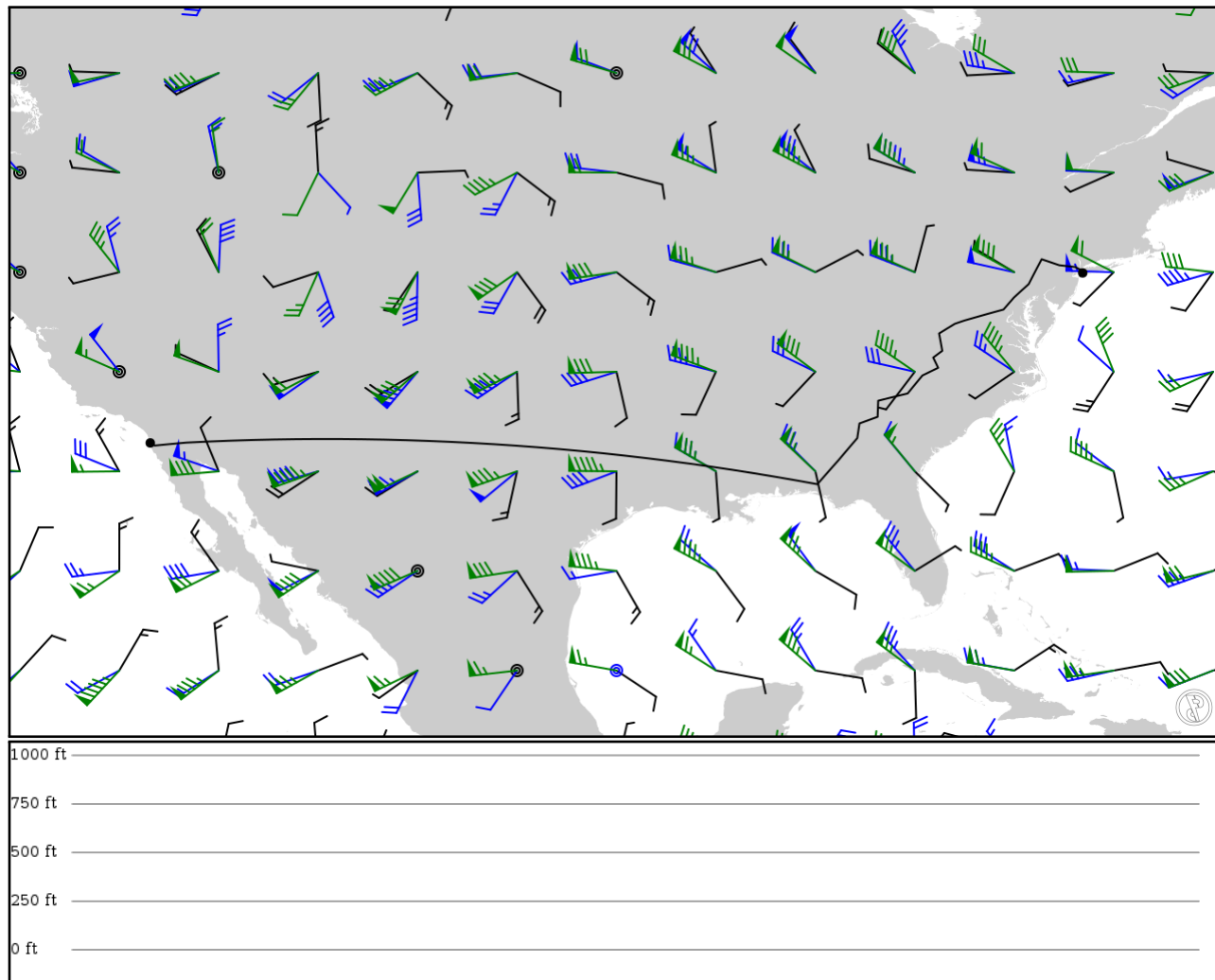


2024/05/07 0438Z

KSAN PGY BROWS IPL DEFUN EUF IOPN AJFEB AHN ODF SPA BZM COLZI REAVS JOINN ASBUR DILNN **J213** AML
EMI LRP LVZ JENNO HARTY STW LENDY LGA AROKE KRSTL KJFK

2597.93 nm / 4811.36 km



Notes

Requested: KSAN PGY BROWS IPL DEFUN EUF IOPN AJFEB AHN ODF SPA BZM COLZI REAVS JOINN ASBUR DILNN J213 AML EMI LRP L

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSAN	-	32.73356	0 ft	-	San Diego Intl
APT	-	-117.18966	0 m		
PGY	-	32.61033	0 ft	12	POGGI VORTAC
VOR	-	-116.97908	0 m		
BROWS	-	32.63112	0 ft	10	-
FIX	-	-116.76992	0 m		
IPL	-	32.74886	0 ft	64	IMPERIAL VORTAC
VOR	-	-115.50858	0 m		
DEFUN	-	30.81424	0 ft	1499	-
FIX	-	-86.13141	0 m		
EUF	-	31.95025	0 ft	85	EUFAULA VORTAC
VOR	-	-85.13047	0 m		
IOPN	-	32.95869	0 ft	74	ILS-cat-I
LOC-ILS	-	-84.27184	0 m		
AJFEB	-	33.64035	0 ft	41	-
FIX	-	-84.17048	0 m		
AHN	-	33.94758	0 ft	46	ATHENS VORTAC
VOR	-	-83.32475	0 m		
ODF	-	34.69586	0 ft	44	FOOTHILLS VORTAC
VOR	-	-83.29767	0 m		
SPA	-	35.03364	0 ft	70	SPARTANBURG VORTAC
VOR	-	-81.92700	0 m		
BZM	-	35.86886	0 ft	60	BARRETTS MOUNTAIN VOR-DME
VOR	-	-81.24053	0 m		
COLZI	-	36.22763	0 ft	41	-
FIX	-	-80.50881	0 m		
REAVS	-	36.70305	0 ft	30	-
FIX	-	-80.73668	0 m		
JOINN	-	37.01776	0 ft	27	-
FIX	-	-80.31628	0 m		
ASBUR	-	37.82345	0 ft	48	-
FIX	-	-80.46429	0 m		
DILNN	-	38.27224	0 ft	43	-
FIX	-	-79.73120	0 m		
PUTTZ	J213	38.42321	0 ft	22	-
FIX	AWY-HI	-79.29060	0 m		
FINKS	J213	38.50745	0 ft	14	-
FIX	AWY-HI	-78.99863	0 m		
DOCCS	J213	38.71334	0 ft	36	-
FIX	AWY-HI	-78.27150	0 m		
AML	J213	38.93458	0 ft	39	ARMEL VOR-DME
VOR	AWY-HI	-77.46669	0 m		
EMI	-	39.49500	0 ft	40	WESTMINSTER VORTAC
VOR	-	-76.97858	0 m		
LRP	-	40.11997	0 ft	49	LANCASTER VORTAC
VOR	-	-76.29131	0 m		
LVZ	-	41.27281	0 ft	74	WILKES BARRE VORTAC
VOR	-	-75.68947	0 m		
JENNO	-	41.15293	0 ft	17	-
FIX	-	-75.33141	0 m		
HARTY	-	41.07119	0 ft	11	-
FIX	-	-75.08989	0 m		
STW	-	40.99583	0 ft	10	STILLWATER VOR-DME

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	-74.86903	0 m		
LENDY	-	40.91484	0 ft	33	-
FIX	-	-74.13526	0 m		
LGA	-	40.78372	0 ft	14	LA GUARDIA VOR-DME
VOR	-	-73.86861	0 m		
AROE	-	40.48652	0 ft	17	-
FIX	-	-73.89113	0 m		
KRSTL	-	40.55846	0 ft	5	-
FIX	-	-73.83516	0 m		
KJFK	-	40.63990	0 ft	5	John F Kennedy Intl
APT	-	-73.77666	0 m		

KSAN

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 1

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.971 E

METAR

KSAN 070351Z 33005KT 10SM CLR 16/11 A3000 RMK A02 SLP158 T01610111 \$

TAF

TAF AMD KSAN 070248Z 0703/0806 VRB04KT P6SM SKC FM071200 VRB04KT P6SM BKN013 FM071700 18005KT P6SM SCT015 FM072100

Frequencies

REC - 134.80 MHz - LINDBERGH ATIS	CLD - 125.90 MHz - LINDBERGH CLEARANCE
GND - 123.90 MHz - LINDBERGH GROUND	TWR - 118.30 MHz - LINDBERGH TOWER
DEP - 119.60 MHz - SOCAL WEST DEPARTURE	DEP - 124.35 MHz - SOCAL EAST DEPARTURE
APP - 119.60 MHz - SOCAL WEST APPROACH	APP - 124.35 MHz - SOCAL EAST APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	200 ft	9,388 ft	106.13	ASPHALT	1,004 ft	390 ft
	61 m	2,861 m	95.16		306 m	119 m
27	200 ft	9,388 ft	286.15	ASPHALT	1,811 ft	0 ft
	61 m	2,861 m	275.18		552 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	DME	ISAN	111.55 MHz	18 nm	-	-	29 ft
				33 km	-		29 m
27	DME	IUBR	110.90 MHz	18 nm	-	-	26 ft
				33 km	-		26 m
09	LOC-ILS	ISAN	111.55 MHz	18 nm	106.14	-	17 ft
				33 km	95.17		17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm	286.14	-	17 ft
				33 km	275.17		17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m

KJFK

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

Elevation: 12 ft / 4 m
Location: 40.640100 -73.776500
Magnetic Var: 12.820 W

METAR

KJFK 070351Z 21004KT 8SM FEW035 SCT190 BKN250 15/14 A2986 RMK A02 SLP111 T01500144

TAF

TAF AMD KJFK 070235Z 0703/0806 20004KT P6SM FEW004 BKN250 TEMPO 0703/0705 3SM BR BKN004 FM070500 26004KT P6SM FEW0

Frequencies

REC - 115.40 MHz - D-ATIS	REC - 117.70 MHz - D-ATIS
REC - 128.72 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 135.05 MHz - CLEARANCE DELIVERY	GND - 121.90 MHz - KENNEDY GROUND
GND - 121.65 MHz - KENNEDY GROUND	TWR - 119.10 MHz - KENNEDY TOWER
TWR - 123.90 MHz - KENNEDY TOWER	APP - 125.70 MHz - NEW YORK APPROACH
APP - 128.12 MHz - NEW YORK APPROACH	APP - 118.40 MHz - NEW YORK APPROACH
APP - 123.70 MHz - NEW YORK APPROACH	APP - 126.80 MHz - NEW YORK APPROACH
APP - 132.40 MHz - NEW YORK APPROACH	APP - 134.35 MHz - NEW YORK APPROACH
DEP - 135.90 MHz - NEW YORK DEPARTURE	DEP - 123.70 MHz - NEW YORK DEPARTURE
DEP - 124.75 MHz - NEW YORK DEPARTURE	DEP - 134.35 MHz - NEW YORK DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13R	200 ft	14,526 ft	120.83	CONCRETE	2,057 ft	390 ft
	61 m	4,428 m	133.65		627 m	119 m
31L	200 ft	14,526 ft	300.86	CONCRETE	3,271 ft	495 ft
	61 m	4,428 m	313.68		997 m	151 m
13L	151 ft	10,010 ft	120.85	CONCRETE	912 ft	387 ft
	46 m	3,051 m	133.67		278 m	118 m
31R	151 ft	10,010 ft	300.87	CONCRETE	1,037 ft	177 ft
	46 m	3,051 m	313.69		316 m	54 m
04R	200 ft	8,407 ft	30.67	ASPHALT	0 ft	440 ft
	61 m	2,562 m	43.49		0 m	134 m
22L	200 ft	8,407 ft	210.68	ASPHALT	0 ft	505 ft
	61 m	2,562 m	223.50		0 m	154 m
04L	200 ft	12,091 ft	30.67	CONCRETE	459 ft	200 ft
	61 m	3,685 m	43.49		140 m	61 m
22R	200 ft	12,091 ft	210.68	CONCRETE	3,425 ft	407 ft
	61 m	3,685 m	223.50		1,044 m	124 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04L	DME	IHIQ	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
04R	DME	IJFK	109.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
13L	DME	ITLK	111.50 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
22L	DME	IIWY	110.90 MHz	18 nm	-	-	13 ft
				33 km	-		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22R	DME	IJOC	109.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
31R	DME	IRTH	111.50 MHz	18 nm 33 km	- -	-	13 ft 13 m
04L	LOC-ILS	IHIQ	110.90 MHz	18 nm 33 km	30.68 43.50	-	12 ft 12 m
04R	LOC-ILS	IJFK	109.50 MHz	18 nm 33 km	30.67 43.49	-	12 ft 12 m
13L	LOC-ILS	ITLK	111.50 MHz	18 nm 33 km	120.87 133.69	-	12 ft 12 m
22L	LOC-ILS	IIWY	110.90 MHz	18 nm 33 km	210.67 223.49	-	12 ft 12 m
22R	LOC-ILS	IJOC	109.50 MHz	18 nm 33 km	210.68 223.50	-	12 ft 12 m
31L	LOC-ILS	IMOH	111.35 MHz	18 nm 33 km	300.84 313.66	-	12 ft 12 m
31R	LOC-ILS	IRTH	111.50 MHz	18 nm 33 km	300.87 313.69	-	12 ft 12 m
04L	GS	IHIQ	110.90 MHz	10 nm 19 km	30.68 43.50	3.00	12 ft 12 m
04R	GS	IJFK	109.50 MHz	10 nm 19 km	30.67 43.49	3.00	12 ft 12 m
13L	GS	ITLK	111.50 MHz	10 nm 19 km	120.87 133.69	3.00	12 ft 12 m
22L	GS	IIWY	110.90 MHz	10 nm 19 km	210.67 223.49	3.00	12 ft 12 m
22R	GS	IJOC	109.50 MHz	10 nm 19 km	210.68 223.50	3.00	12 ft 12 m
31L	GS	IMOH	111.35 MHz	10 nm 19 km	300.84 313.66	3.00	12 ft 12 m
31R	GS	IRTH	111.50 MHz	10 nm 19 km	300.87 313.69	3.00	12 ft 12 m