

KBOS

General Edward Lawrence Logan Intl

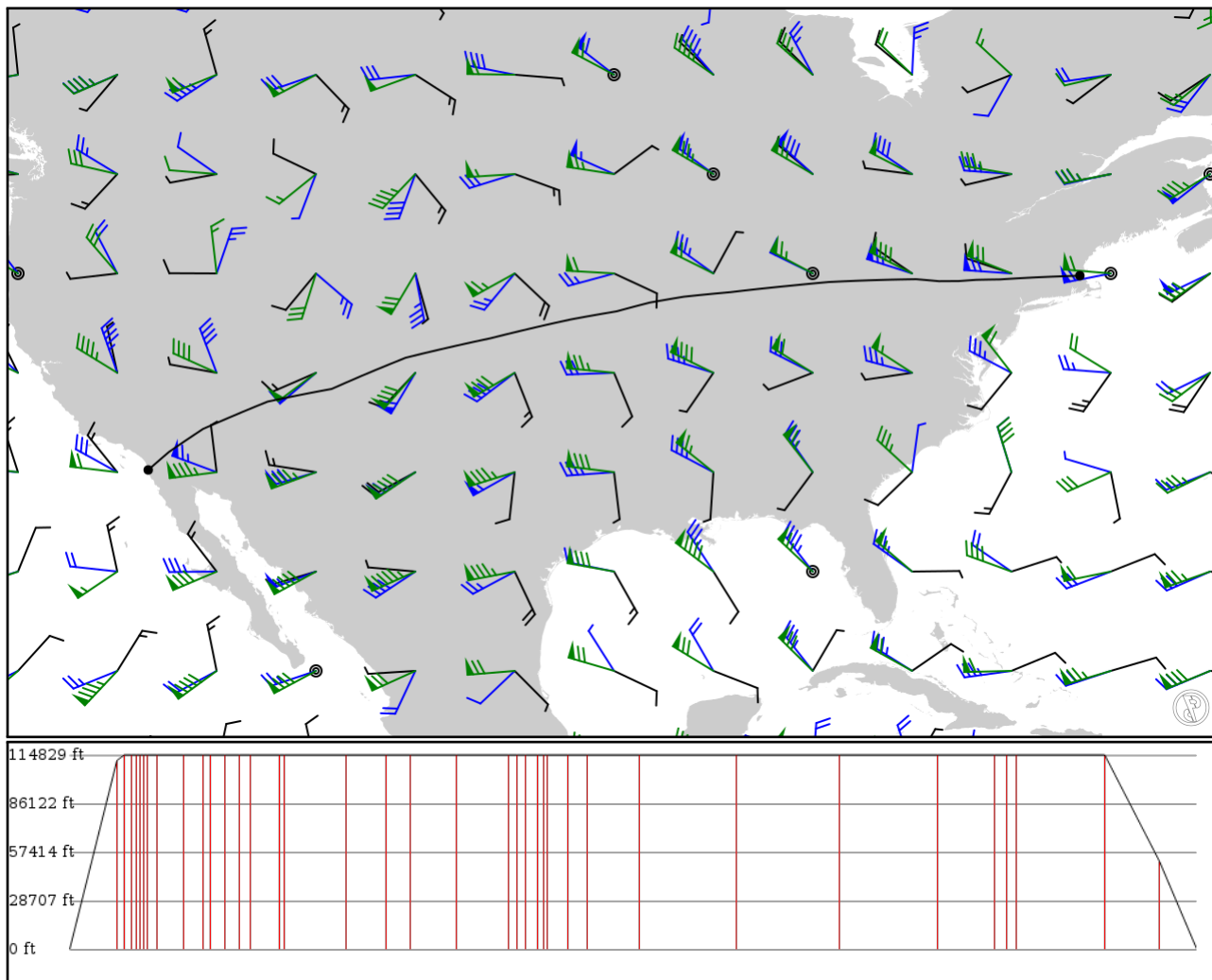
KSAN

San Diego Intl

2024/05/28 0613Z

KBOS STELA **V270** JHW **J554** GIJ **J146** JOT **J18** MZV **V434** OTM **V216** LMN **J64** TBC **J236** TRM KSAN

2256.84 nm / 4179.66 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
KBOS APT	- -	42.36300 -71.00680	0 ft 0 m	-	General Edward Lawrence Logan Intl	
STELA FIX	- -	42.28140 -73.15390	34,000 ft 10,363 m	95	-	
HIDAL FIX	V270 AWY-LO	42.26390 -73.49820	35,000 ft 10,668 m	15	-	
ATHOS FIX	V270 AWY-LO	42.24710 -73.81210	35,000 ft 10,668 m	13	-	
ACOVE FIX	V270 AWY-LO	42.23480 -74.03180	35,000 ft 10,668 m	9	-	
AGNEZ FIX	V270 AWY-LO	42.22580 -74.18850	35,000 ft 10,668 m	6	-	
TUSON FIX	V270 AWY-LO	42.21460 -74.37600	35,000 ft 10,668 m	8	-	
PETER FIX	V270 AWY-LO	42.20530 -74.53060	35,000 ft 10,668 m	6	-	
DNY VOR	V270 AWY-LO	42.17830 -74.95690	35,000 ft 10,668 m	19	DE LANCEY	
CFB VOR	V270 AWY-LO	42.15750 -76.13650	35,000 ft 10,668 m	52	BINGHAMTON	
ULW VOR	V270 AWY-LO	42.09420 -77.02480	35,000 ft 10,668 m	39	ELMIRA	
WOMAN FIX	V270 AWY-LO	42.09360 -77.35420	35,000 ft 10,668 m	14	-	
ELZ VOR	V270 AWY-LO	42.08960 -77.99960	35,000 ft 10,668 m	28	WELLSVILLE	
VAIRS FIX	V270 AWY-LO	42.14650 -78.62770	35,000 ft 10,668 m	28	-	
JHW VOR	V270 AWY-LO	42.18860 -79.12130	35,000 ft 10,668 m	22	JAMESTOWN	
SURLY FIX	J554 AWY-HI	42.16310 -80.44630	35,000 ft 10,668 m	58	-	
COHOW FIX	J554 AWY-HI	42.15660 -80.69410	35,000 ft 10,668 m	11	-	
CRL VOR	J554 AWY-HI	42.04800 -83.45760	35,000 ft 10,668 m	123	CARLETON	
BENJO FIX	J554 AWY-HI	41.87980 -85.20910	35,000 ft 10,668 m	78	-	
GIJ VOR	J554 AWY-HI	41.76860 -86.31850	35,000 ft 10,668 m	50	GIPPER (NILES)	
JOT VOR	J146 AWY-HI	41.54640 -88.31840	35,000 ft 10,668 m	90	JOLIET	
MZV VOR	J18 AWY-HI	41.32090 -90.63820	35,000 ft 10,668 m	105	MOLINE	
POCIN FIX	V434 AWY-LO	41.26540 -90.97170	35,000 ft 10,668 m	15	-	
WAPEL FIX	V434 AWY-LO	41.20330 -91.33810	35,000 ft 10,668 m	16	-	
ACKLY FIX	V434 AWY-LO	41.10940 -91.87720	35,000 ft 10,668 m	25	-	
VOYUG FIX	V434 AWY-LO	41.06180 -92.14450	35,000 ft 10,668 m	12	-	
OTM	V434	41.02910	35,000 ft	8	OTTUMWA	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-LO	-92.32590	10,668 m		
OHGEE	V216	40.81830	35,000 ft	39	-
FIX	AWY-LO	-93.14000	10,668 m		
LMN	V216	40.59670	35,000 ft	39	LAMONI
VOR	AWY-LO	-93.96760	10,668 m		
PWE	J64	40.20040	35,000 ft	105	PAWNEE CITY
VOR	AWY-HI	-96.20630	10,668 m		
HLC	J64	39.25870	35,000 ft	194	HILL CITY
VOR	AWY-HI	-100.22600	10,668 m		
PUB	J64	38.29430	35,000 ft	205	PUEBLO
VOR	AWY-HI	-104.42900	10,668 m		
RSK	J64	36.74840	35,000 ft	197	RATTLESNAKE (FARMINGTON)
VOR	AWY-HI	-108.09900	10,668 m		
COCAN	J64	36.31250	35,000 ft	111	-
FIX	AWY-HI	-110.35200	10,668 m		
RHYSS	J64	36.20530	35,000 ft	25	-
FIX	AWY-HI	-110.87100	10,668 m		
TBC	J64	36.12130	35,000 ft	19	TUBA CITY
VOR	AWY-HI	-111.27000	10,668 m		
EED	J236	34.76600	35,000 ft	176	NEEDLES
VOR	AWY-HI	-114.47400	10,668 m		
TRM	J236	33.62810	15,900 ft	108	THERMAL
VOR	AWY-HI	-116.16000	4,846 m		
KSAN	-	32.73360	0 ft	74	San Diego Intl
APT	-	-117.19000	0 m		

KBOS

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

Elevation: 19 ft / 6 m
Location: 42.363000 -71.006800
Magnetic Var: 14.284 W

METAR

KBOS 280554Z 19011KT 3SM +RA BR FEW005 BKN009 OVC045 19/18 A2970 RMK A02 VIS 2 E SLP056 P0009 60034 T01890183 10200

TAF

TAF KBOS 280520Z 2806/2912 19010G18KT 5SM SHRA BR OVC008 FM280800 19010KT 2SM BR VCSH OVC008 FM281100 21008KT 5SM

Frequencies

REC - 135.00 MHz - D-ATIS
CLD - 121.65 MHz - CLEARANCE DELIVERY
GND - 121.90 MHz - BOSTON GROUND
TWR - 124.72 MHz - BOSTON TOWER
APP - 118.25 MHz - BOSTON APPROACH
APP - 127.20 MHz - BOSTON APPROACH

COM - 122.95 MHz - UNICOM
GND - 121.75 MHz - BOSTON GROUND
TWR - 128.80 MHz - BOSTON TOWER
TWR - 132.22 MHz - BOSTON TOWER
APP - 120.60 MHz - BOSTON APPROACH
DEP - 133.00 MHz - BOSTON DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15R	148 ft	10,092 ft	135.27	ASPHALT	883 ft	197 ft
	45 m	3,076 m	149.55		269 m	60 m
33L	148 ft	10,092 ft	315.29	ASPHALT	0 ft	167 ft
	45 m	3,076 m	329.57		0 m	51 m
04R	148 ft	10,012 ft	19.69	ASPHALT	1,155 ft	420 ft
	45 m	3,052 m	33.97		352 m	128 m
22L	148 ft	10,012 ft	199.69	ASPHALT	1,201 ft	200 ft
	45 m	3,052 m	213.98		366 m	61 m
04L	148 ft	7,871 ft	19.66	ASPHALT	0 ft	1,250 ft
	45 m	2,399 m	33.94		0 m	381 m
22R	148 ft	7,871 ft	199.66	ASPHALT	820 ft	200 ft
	45 m	2,399 m	213.95		250 m	61 m
09	148 ft	7,008 ft	76.51	ASPHALT	0 ft	932 ft
	45 m	2,136 m	90.80		0 m	284 m
27	148 ft	7,008 ft	256.53	ASPHALT	0 ft	161 ft
	45 m	2,136 m	270.81		0 m	49 m
14	98 ft	5,005 ft	125.76	ASPHALT	0 ft	0 ft
	30 m	1,526 m	140.05		0 m	0 m
32	98 ft	5,005 ft	305.77	ASPHALT	0 ft	801 ft
	30 m	1,526 m	320.06		0 m	244 m
15L	98 ft	2,558 ft	135.31	ASPHALT	0 ft	305 ft
	30 m	780 m	149.59		0 m	93 m
33R	98 ft	2,558 ft	315.31	ASPHALT	0 ft	59 ft
	30 m	780 m	329.60		0 m	18 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
04R	DME	IBOS	110.30 MHz	18 nm	-	-	35 ft
				33 km	-		35 m
15R	DME	IMDC	110.70 MHz	18 nm	-	-	27 ft
				33 km	-		27 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
22L	DME	ILQN	110.30 MHz	18 nm 33 km	- -	-	35 ft 35 m
27	DME	IDGU	111.30 MHz	18 nm 33 km	- -	-	28 ft 28 m
33L	DME	ILIP	110.70 MHz	18 nm 33 km	- -	-	19 ft 19 m
04R	LOC-ILS	IBOS	110.30 MHz	18 nm 33 km	19.68 33.96	-	20 ft 20 m
15R	LOC-ILS	IMDC	110.70 MHz	18 nm 33 km	135.28 149.56	-	20 ft 20 m
22L	LOC-ILS	ILQN	110.30 MHz	18 nm 33 km	199.68 213.96	-	20 ft 20 m
27	LOC-ILS	IDGU	111.30 MHz	18 nm 33 km	256.52 270.80	-	20 ft 20 m
33L	LOC-ILS	ILIP	110.70 MHz	18 nm 33 km	315.28 329.56	-	20 ft 20 m
04R	GS	IBOS	110.30 MHz	10 nm 19 km	19.68 33.96	3.00	20 ft 20 m
15R	GS	IMDC	110.70 MHz	10 nm 19 km	135.28 149.56	3.00	20 ft 20 m
22L	GS	ILQN	110.30 MHz	10 nm 19 km	199.68 213.96	3.00	20 ft 20 m
27	GS	IDGU	111.30 MHz	10 nm 19 km	256.52 270.80	3.00	20 ft 20 m
33L	GS	ILIP	110.70 MHz	10 nm 19 km	315.28 329.56	3.00	20 ft 20 m

KSAN

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

Elevation: 17 ft / 5 m
Location: 32.733600 -117.190000
Magnetic Var: 10.965 E

METAR

KSAN 280551Z 28003KT 10SM OVC013 16/12 A3006 RMK A02 SLP179 T01560117 10178 20150 51003 \$

TAF

TAF KSAN 280520Z 2806/2912 VRB04KT P6SM OVC012 FM281900 29010KT P6SM SCT015 FM290100 27007KT P6SM OVC014 FM290600

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	95.17		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 33 km	106.14 95.17	-	17 ft 17 m
27	LOC-LOC	IUBR	110.90 MHz	18 nm 33 km	286.14 275.17	-	17 ft 17 m
09	GS	ISAN	111.55 MHz	10 nm	106.14	3.10	17 ft
				19 km	95.17		17 m