

# KSAN

San Diego Intl

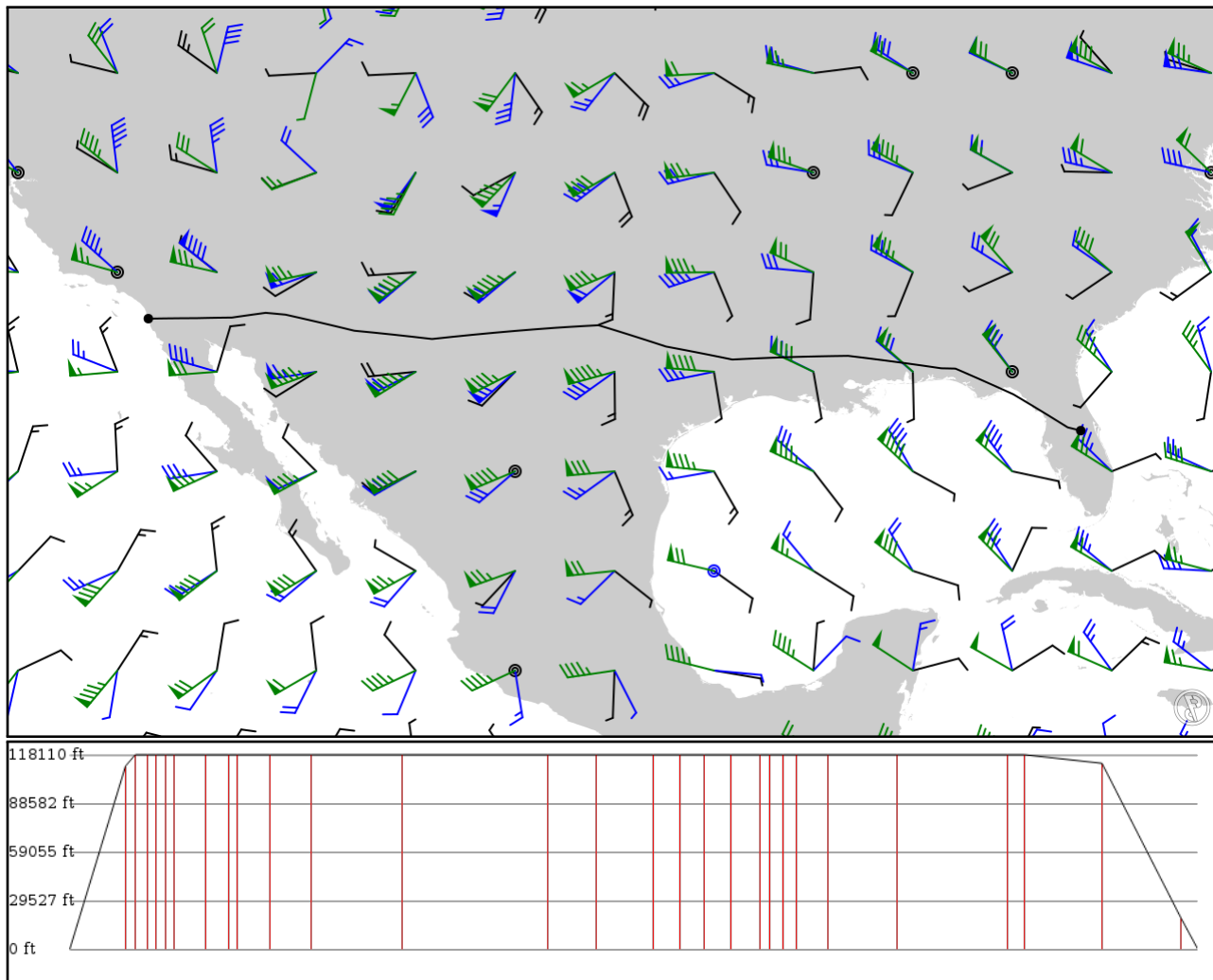
# KMCO

Orlando Intl

2024/05/09 2120Z

KSAN ARGUS V458 HEEDS J18 BZA V66 MOHAK J18 GBN J50 SSO J4 EWM J66 ABI J50 CEW J2 DEFUN Q104  
HEVVN Q112 INPIN KMCO

1897.10 nm / 3513.42 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 36000ft
- 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
KSAN APT	-	32.73360 -117.19000	0 ft 0 m	-	San Diego Intl
ARGUS FIX	-	32.75360 -115.31100	33,900 ft 10,333 m	94	-
HEEDS FIX	V458 AWY-LO	32.76030 -115.00800	36,000 ft 10,973 m	15	-
BZA VOR	J18 AWY-HI	32.76810 -114.60300	36,000 ft 10,973 m	20	BARD (YUMA)
WARTT FIX	V66 AWY-LO	32.77210 -114.30600	36,000 ft 10,973 m	15	-
MOHAK FIX	V66 AWY-LO	32.77580 -113.97200	36,000 ft 10,973 m	16	-
JUDTH FIX	J18 AWY-HI	32.81650 -113.68800	36,000 ft 10,973 m	14	-
GBN VOR	J18 AWY-HI	32.95630 -112.67400	36,000 ft 10,973 m	51	GILA BEND
TFD VOR	J50 AWY-HI	32.88590 -111.90900	36,000 ft 10,973 m	38	STANFIELD (CASA GRANDE)
TOTEC FIX	J50 AWY-HI	32.82660 -111.64200	36,000 ft 10,973 m	13	-
ITEMM FIX	J50 AWY-HI	32.58650 -110.59000	36,000 ft 10,973 m	55	-
SSO VOR	J50 AWY-HI	32.26920 -109.26300	36,000 ft 10,973 m	69	SAN SIMON
EWM VOR	J4 AWY-HI	31.95180 -106.27200	36,000 ft 10,973 m	153	NEWMAN
BGS VOR	J66 AWY-HI	32.38560 -101.48400	36,000 ft 10,973 m	244	BIG SPRING
ABI VOR	J66 AWY-HI	32.48130 -99.86340	36,000 ft 10,973 m	82	ABILENE
HICOE FIX	J50 AWY-HI	31.93810 -98.11900	36,000 ft 10,973 m	94	-
ACT VOR	J50 AWY-HI	31.66220 -97.26900	36,000 ft 10,973 m	46	WACO
TORNN FIX	J50 AWY-HI	31.52040 -96.51470	36,000 ft 10,973 m	39	-
CRIED FIX	J50 AWY-HI	31.35400 -95.66140	36,000 ft 10,973 m	44	-
LFK VOR	J50 AWY-HI	31.16240 -94.71680	36,000 ft 10,973 m	49	LUFKIN
VELCO FIX	J50 AWY-HI	31.17780 -94.40920	36,000 ft 10,973 m	15	-
TBEND FIX	J50 AWY-HI	31.19860 -93.96620	36,000 ft 10,973 m	22	-
CIDOR FIX	J50 AWY-HI	31.21800 -93.52350	36,000 ft 10,973 m	22	-
AEX VOR	J50 AWY-HI	31.25670 -92.50100	36,000 ft 10,973 m	52	ALEXANDRIA
MCB VOR	J50 AWY-HI	31.30450 -90.25820	36,000 ft 10,973 m	115	MC COMB
CEW VOR	J50 AWY-HI	30.82620 -86.67910	36,000 ft 10,973 m	186	CRESTVIEW
DEFUN	J2	30.81420	36,000 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-86.13140	10,973 m		
HEVVN	Q104	29.82200	34,400 ft	130	-
FIX	AWY-HI	-83.89520	10,485 m		
INPIN	Q112	28.55350	5,800 ft	133	-
FIX	AWY-HI	-81.80740	1,768 m		
KMCO	-	28.42920	0 ft	27	Orlando Intl
APT	-	-81.30680	0 m		

## KSAN

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 1

Elevation: 17 ft / 5 m  
Location: 32.733600 -117.190000  
Magnetic Var: 10.970 E

## METAR

KSAN 092051Z 26009KT 230V290 10SM SCT026 21/12 A2994 RMK A02 SLP139 T02060117 56009 \$

## TAF

TAF AMD KSAN 092056Z 0921/1024 26009KT P6SM SCT025 FM100300 20005KT P6SM BKN022 FM100600 VRB04KT P6SM OVC018 FM10

## 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

## KMCO

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

Elevation: 96 ft / 29 m  
Location: 28.429200 -81.306800  
Magnetic Var: 6.995 W

## METAR

KMCO 092053Z 24012G19KT 10SM FEW055 36/20 A2984 RMK A02 SLP102 T03560200 56026

## TAF

KMCO 092103Z 0921/1024 23014G20KT P6SM FEW060 FM100100 27008KT P6SM SCT080 FM100800 20004KT P6SM BKN015 BKN050 FM

## Frequencies

REC - 120.52 MHz - D-ATIS  
CLD - 134.70 MHz - CLEARANCE DELIVERY  
GND - 126.40 MHz - ORLANDO GROUND  
TWR - 124.30 MHz - ORLANDO TOWER  
APP - 119.40 MHz - ORLANDO APPROACH  
APP - 124.80 MHz - ORLANDO APPROACH  
APP - 123.85 MHz - ORLANDO APPROACH  
DEP - 119.40 MHz - ORLANDO DEPARTURE  
DEP - 124.80 MHz - ORLANDO DEPARTURE

REC - 121.25 MHz - D-ATIS  
COM - 122.95 MHz - UNICOM  
GND - 121.80 MHz - ORLANDO GROUND  
TWR - 118.45 MHz - ORLANDO TOWER  
APP - 120.15 MHz - ORLANDO APPROACH  
APP - 135.30 MHz - ORLANDO APPROACH  
APP - 134.05 MHz - ORLANDO APPROACH  
DEP - 120.15 MHz - ORLANDO DEPARTURE  
DEP - 135.30 MHz - ORLANDO DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	151 ft	10,036 ft	179.47	CONCRETE	0 ft	404 ft
	46 m	3,059 m	186.46		0 m	123 m
35L	151 ft	10,036 ft	359.47	CONCRETE	0 ft	400 ft
	46 m	3,059 m	6.46		0 m	122 m
17L	151 ft	9,028 ft	179.48	CONCRETE	0 ft	400 ft
	46 m	2,752 m	186.47		0 m	122 m
35R	151 ft	9,028 ft	359.48	CONCRETE	0 ft	404 ft
	46 m	2,752 m	6.47		0 m	123 m
18L	200 ft	12,049 ft	179.46	CONCRETE	0 ft	400 ft
	61 m	3,673 m	186.45		0 m	122 m
36R	200 ft	12,049 ft	359.46	CONCRETE	0 ft	407 ft
	61 m	3,673 m	6.45		0 m	124 m
18R	200 ft	12,049 ft	179.45	ASPHALT	0 ft	909 ft
	61 m	3,673 m	186.45		0 m	277 m
36L	200 ft	12,049 ft	359.45	ASPHALT	0 ft	702 ft
	61 m	3,673 m	6.45		0 m	214 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17L	DME	IARK	110.95 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
17R	DME	IDIZ	111.75 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
18R	DME	ITFE	111.90 MHz	18 nm	-	-	86 ft
				33 km	-		86 m
35L	DME	IDDO	110.50 MHz	18 nm	-	-	100 ft
				33 km	-		100 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	ICER	111.15 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
36R	DME	IOJP	110.70 MHz	18 nm	-	-	91 ft
				33 km	-		91 m
17L	LOC-ILS	IARK	110.95 MHz	18 nm	179.46	-	96 ft
				33 km	186.45		96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm	179.51	-	96 ft
				33 km	186.50		96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm	179.50	-	96 ft
				33 km	186.49		96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm	359.51	-	96 ft
				33 km	6.50		96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm	359.46	-	96 ft
				33 km	6.45		96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm	359.50	-	96 ft
				33 km	6.49		96 m
17L	GS	IARK	110.95 MHz	10 nm	179.46	3.00	96 ft
				19 km	186.45		96 m
17R	GS	IDIZ	111.75 MHz	10 nm	179.51	3.00	96 ft
				19 km	186.50		96 m
18R	GS	ITFE	111.90 MHz	10 nm	179.50	3.00	96 ft
				19 km	186.49		96 m
35L	GS	IDDO	110.50 MHz	10 nm	359.51	3.00	96 ft
				19 km	6.50		96 m
35R	GS	ICER	111.15 MHz	10 nm	359.46	3.00	96 ft
				19 km	6.45		96 m
36R	GS	IOJP	110.70 MHz	10 nm	359.50	3.00	96 ft
				19 km	6.49		96 m