KMCO
Orlando Intl

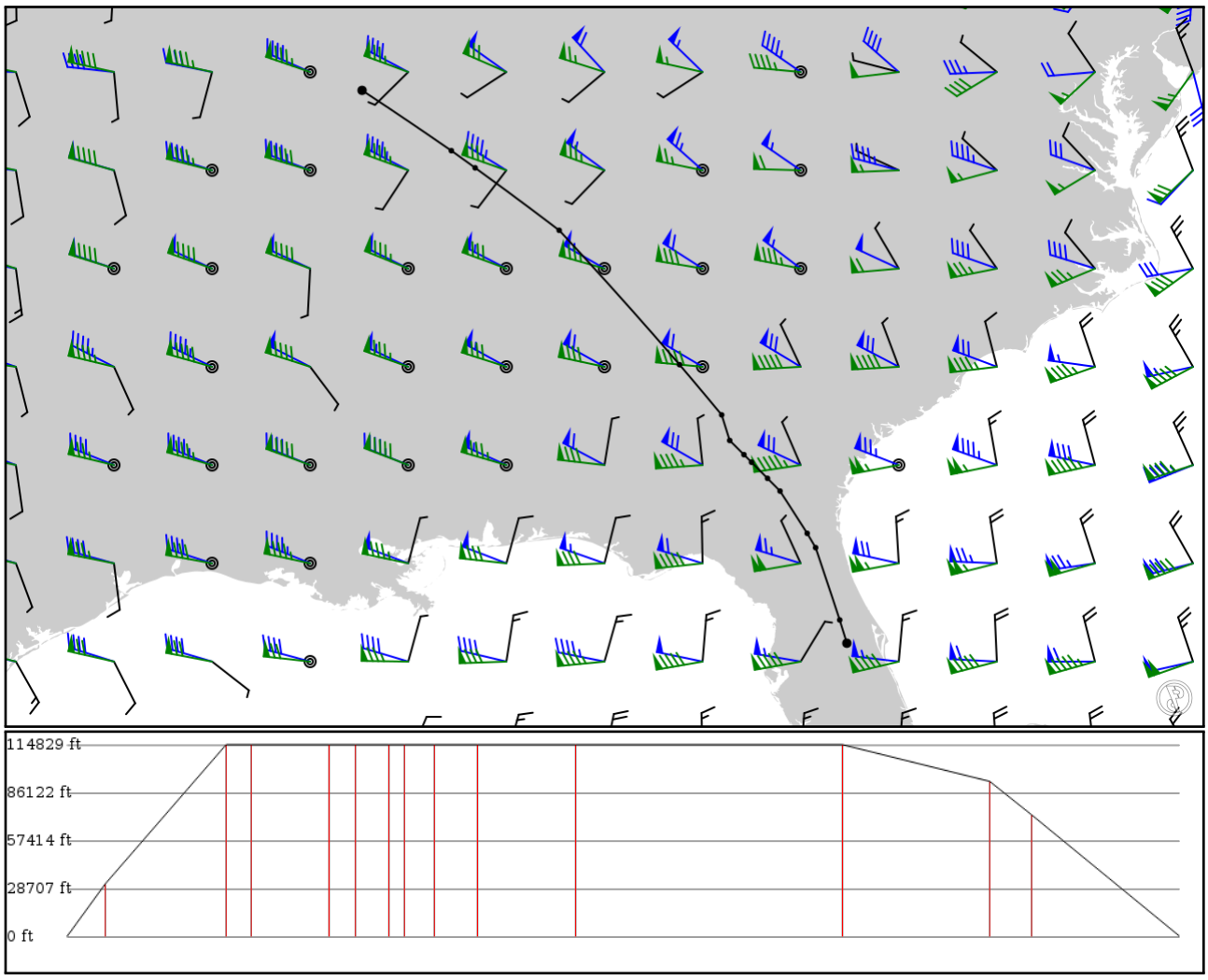
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KSTL
St. Louis Lambert Intl

2024/03/29 0548Z

KMCO KRSTN **J81** VQQ **T207** AYS **V243** VNA **V362** MCN **J45** BNA **Q19** TINGS **J45** DENNI KSTL

778.96 nm / 1442.63 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
KMCO APT	–	28.42920 -81.30680	0 ft 0 m	–	Orlando Intl
KRSTN FIX	–	28.86380 -81.44040	9,600 ft 2,926 m	27	–
VQQ VOR	J81 AWY-HI	30.21300 -81.89090	35,000 ft 10,668 m	84	CECIL (JACKSONVILLE)
MONIA FIX	T207 AWY-LO	30.48030 -82.04820	35,000 ft 10,668 m	18	–
AYS VOR	T207 AWY-LO	31.26940 -82.55640	35,000 ft 10,668 m	54	WAYCROSS
UPTON FIX	V243 AWY-LO	31.50630 -82.79000	35,000 ft 10,668 m	18	–
LURGE FIX	V243 AWY-LO	31.80740 -83.08940	35,000 ft 10,668 m	23	–
DUMMY FIX	V243 AWY-LO	31.94870 -83.23070	35,000 ft 10,668 m	11	–
VNA VOR	V243 AWY-LO	32.21340 -83.49730	35,000 ft 10,668 m	20	VIENNA
MCN VOR	V362 AWY-LO	32.69120 -83.64720	35,000 ft 10,668 m	29	MACON
ATL VOR	J45 AWY-HI	33.62910 -84.43510	35,000 ft 10,668 m	68	ATLANTA
BNA VOR	J45 AWY-HI	36.13700 -86.68480	35,000 ft 10,668 m	186	NASHVILLE
TINGS FIX	Q19 AWY-HI	37.30300 -88.25620	28,300 ft 8,626 m	103	–
DENNI FIX	J45 AWY-HI	37.62300 -88.70110	22,200 ft 6,767 m	28	–
KSTL APT	–	38.74900 -90.37040	0 ft 0 m	103	St. Louis Lambert Intl

KMCO

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

Elevation: 96 ft / 29 m
Location: 28.429200 -81.306800
Magnetic Var: 6.984 W

METAR

KMCO 290453Z 36004KT 10SM CLR 16/13 A3008 RMK AO2 SLP185 T01610128 402670161

TAF

KMCO 290251Z 2903/3006 02010KT P6SM FEW050 FM290600 35006KT P6SM SKC FM291500 02012KT P6SM SKC FM292100 05009KT P

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 46 m	10,036 ft 3,059 m	179.47 186.45	CONCRETE	0 ft 0 m	404 ft 123 m
35L	151 ft 46 m	10,036 ft 3,059 m	359.47 6.45	CONCRETE	0 ft 0 m	400 ft 122 m
17L	151 ft 46 m	9,028 ft 2,752 m	179.48 186.46	CONCRETE	0 ft 0 m	400 ft 122 m
35R	151 ft 46 m	9,028 ft 2,752 m	359.48 6.46	CONCRETE	0 ft 0 m	404 ft 123 m
18L	200 ft 61 m	12,049 ft 3,673 m	179.46 186.44	CONCRETE	0 ft 0 m	400 ft 122 m
36R	200 ft 61 m	12,049 ft 3,673 m	359.46 6.44	CONCRETE	0 ft 0 m	407 ft 124 m
18R	200 ft 61 m	12,049 ft 3,673 m	179.45 186.44	ASPHALT	0 ft 0 m	909 ft 277 m
36L	200 ft 61 m	12,049 ft 3,673 m	359.45 6.44	ASPHALT	0 ft 0 m	702 ft 214 m

Approach Navaids

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

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	ICER	111.15 MHz	18 nm 33 km	– –	–	90 ft 90 m
36R	DME	IOJP	110.70 MHz	18 nm 33 km	– –	–	91 ft 91 m
17L	LOC-ILS	IARK	110.95 MHz	18 nm 33 km	179.46 186.44	–	96 ft 96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm 33 km	179.51 186.49	–	96 ft 96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm 33 km	179.50 186.48	–	96 ft 96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm 33 km	359.51 6.49	–	96 ft 96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm 33 km	359.46 6.44	–	96 ft 96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm 33 km	359.50 6.48	–	96 ft 96 m
17L	GS	IARK	110.95 MHz	10 nm 19 km	179.46 186.44	3.00	96 ft 96 m
17R	GS	IDIZ	111.75 MHz	10 nm 19 km	179.51 186.49	3.00	96 ft 96 m
18R	GS	ITFE	111.90 MHz	10 nm 19 km	179.50 186.48	3.00	96 ft 96 m
35L	GS	IDDO	110.50 MHz	10 nm 19 km	359.51 6.49	3.00	96 ft 96 m
35R	GS	ICER	111.15 MHz	10 nm 19 km	359.46 6.44	3.00	96 ft 96 m
36R	GS	IOJP	110.70 MHz	10 nm 19 km	359.50 6.48	3.00	96 ft 96 m

KSTL

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

Elevation: 604 ft / 184 m
Location: 38.749000 -90.370400
Magnetic Var: 1.953 W

METAR

KSTL 290451Z 22007KT 10SM FEW250 12/M03 A3006 RMK AO2 SLP178 T01221028

TAF

TAF AMD KSTL 290244Z 2903/3006 20006KT P6SM SCT250 FM291800 19015G25KT P6SM SCT250 FM300000 18010KT P6SM SCT250

Frequencies

REC - 125.05 MHz - D-ATIS
CLD - 119.50 MHz - CLEARANCE DELIVERY
GND - 121.07 MHz - ST. LOUIS GROUND
GND - 121.90 MHz - ST. LOUIS GROUND
TWR - 132.47 MHz - ST. LOUIS TOWER
TWR - 118.50 MHz - ST. LOUIS TOWER
APP - 121.05 MHz - ST. LOUIS APPROACH
DEP - 119.15 MHz - ST. LOUIS DEPARTURE

COM - 122.95 MHz - UNICOM
GND - 127.55 MHz - ST. LOUIS GROUND
GND - 121.65 MHz - ST. LOUIS GROUND
GND - 118.92 MHz - ST. LOUIS GROUND
TWR - 120.05 MHz - ST. LOUIS TOWER
APP - 132.12 MHz - ST. LOUIS APPROACH
APP - 123.70 MHz - ST. LOUIS APPROACH
DEP - 128.10 MHz - ST. LOUIS DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	151 ft 46 m	9,012 ft 2,747 m	122.28 124.23	CONCRETE	0 ft 0 m	390 ft 119 m
29	151 ft 46 m	9,012 ft 2,747 m	302.30 304.25	CONCRETE	0 ft 0 m	390 ft 119 m
06	151 ft 46 m	7,615 ft 2,321 m	62.73 64.68	CONCRETE	0 ft 0 m	89 ft 27 m
24	151 ft 46 m	7,615 ft 2,321 m	242.74 244.70	CONCRETE	0 ft 0 m	89 ft 27 m
12R	200 ft 61 m	11,031 ft 3,362 m	122.29 124.25	CONCRETE	479 ft 146 m	164 ft 50 m
30L	200 ft 61 m	11,031 ft 3,362 m	302.31 304.27	CONCRETE	213 ft 65 m	187 ft 57 m
12L	151 ft 46 m	9,012 ft 2,747 m	122.32 124.27	CONCRETE	0 ft 0 m	121 ft 37 m
30R	151 ft 46 m	9,012 ft 2,747 m	302.33 304.29	CONCRETE	0 ft 0 m	200 ft 61 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06	DME	IJAK	110.30 MHz	18 nm 33 km	- -	-	556 ft 556 m
11	DME	IOGZ	111.95 MHz	18 nm 33 km	- -	-	548 ft 548 m
12L	DME	ILDZ	108.90 MHz	18 nm 33 km	- -	-	616 ft 616 m
24	DME	ISTL	110.30 MHz	18 nm 33 km	- -	-	540 ft 540 m
29	DME	IRQN	111.95 MHz	18 nm 33 km	- -	-	608 ft 608 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
30R	DME	ISJW	111.30 MHz	18 nm 33 km	- -	-	546 ft 546 m
06	LOC-ILS	IJAK	110.30 MHz	18 nm 33 km	62.72 64.67	-	541 ft 541 m
11	LOC-ILS	IOGZ	111.95 MHz	18 nm 33 km	122.29 124.25	-	545 ft 545 m
12L	LOC-ILS	ILDZ	108.90 MHz	18 nm 33 km	122.31 124.26	-	598 ft 598 m
12R	LOC-ILS	ILMR	109.70 MHz	18 nm 33 km	122.30 124.26	-	588 ft 588 m
24	LOC-ILS	ISTL	110.30 MHz	18 nm 33 km	242.73 244.68	-	545 ft 545 m
29	LOC-ILS	IRQN	111.95 MHz	18 nm 33 km	302.27 304.22	-	613 ft 613 m
30L	LOC-ILS	IBKY	111.50 MHz	18 nm 33 km	302.29 304.25	-	549 ft 549 m
30R	LOC-ILS	ISJW	111.30 MHz	18 nm 33 km	302.30 304.25	-	530 ft 530 m
06	GS	IJAK	110.30 MHz	10 nm 19 km	63.45 65.41	3.00	539 ft 539 m
11	GS	IOGZ	111.95 MHz	10 nm 19 km	122.56 124.52	3.00	598 ft 598 m
12L	GS	ILDZ	108.90 MHz	10 nm 19 km	122.62 124.57	3.00	598 ft 598 m
12R	GS	ILMR	109.70 MHz	10 nm 19 km	122.61 124.56	3.00	528 ft 528 m
24	GS	ISTL	110.30 MHz	10 nm 19 km	243.45 245.41	3.00	528 ft 528 m
29	GS	IRQN	111.95 MHz	10 nm 19 km	302.56 304.52	3.00	556 ft 556 m
30L	GS	IBKY	111.50 MHz	10 nm 19 km	302.61 304.56	3.00	566 ft 566 m
30R	GS	ISJW	111.30 MHz	10 nm 19 km	302.62 304.57	3.00	592 ft 592 m