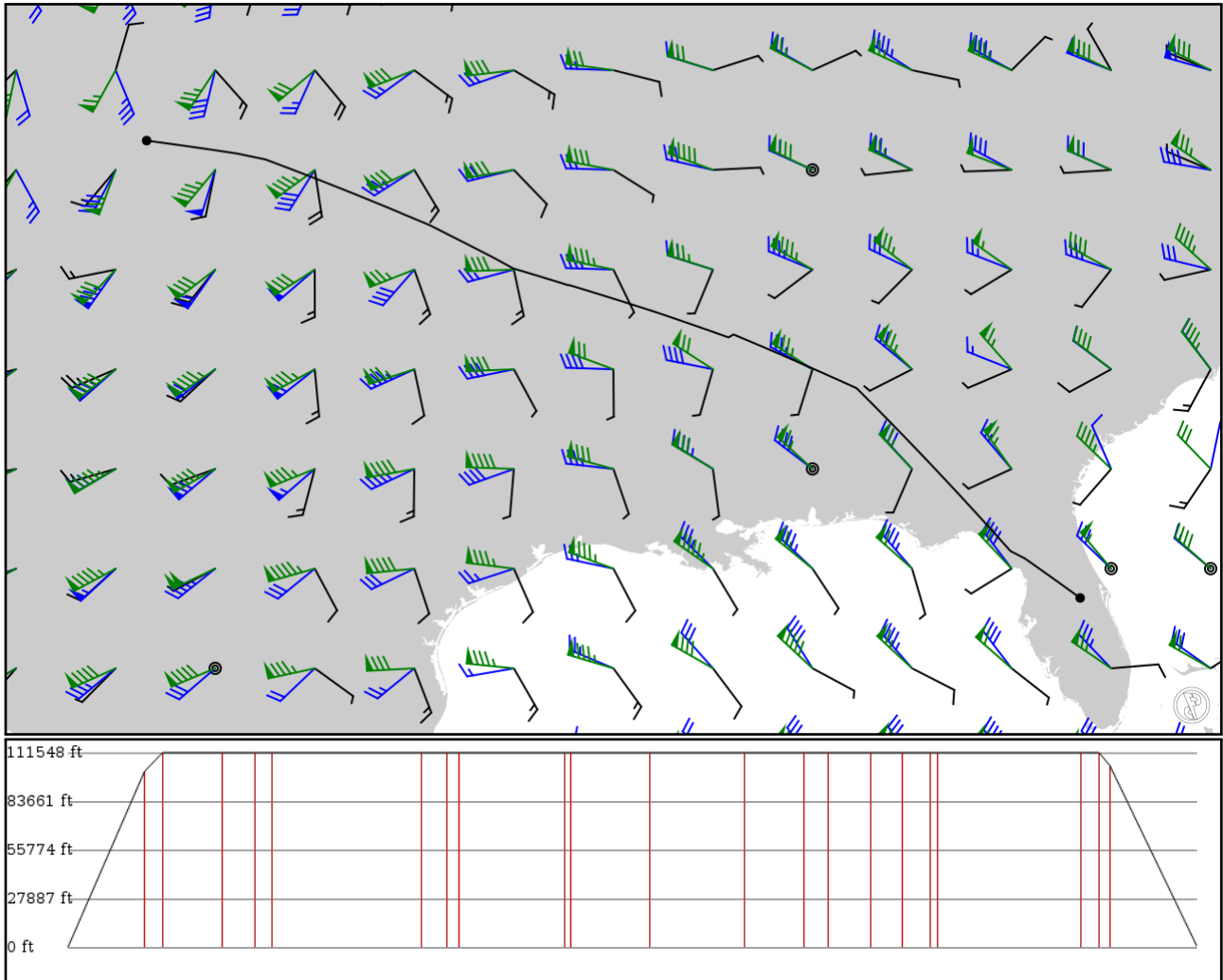


2024/05/03 2221Z

KMCO WILON V159 CTY J151 VUZ J41 MEM MUDHO Q128 VLUST RZC J182 GLD V4 FLAGG KDEN

1368.80 nm / 2535.02 km



Notes

Basic altitude profile:

- Ascent Rate: 2400ft/min
- Ascent Speed: 300kts
- Cruise Altitude: 34000ft
- Cruise Speed: 440kts
- Descent Rate: 2200ft/min
- Descent Speed: 300kts

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	-	28.42920	0 ft	-	Orlando Intl
APT	-	-81.30680	0 m		
WILON	-	29.41780	30,700 ft	93	-
FIX	-	-82.69320	9,357 m		
CTY	V159	29.59900	34,000 ft	21	CROSS CITY
VOR	AWY-LO	-83.04880	10,363 m		
CAPPS	J151	30.54530	34,000 ft	72	-
FIX	AWY-HI	-83.90500	10,363 m		
NEDDY	J151	31.06420	34,000 ft	39	-
FIX	AWY-HI	-84.38380	10,363 m		
WYATT	J151	31.32290	34,000 ft	19	-
FIX	AWY-HI	-84.62510	10,363 m		
VUZ	J151	33.67010	34,000 ft	182	VULCAN (BIRMINGHAM)
VOR	AWY-HI	-86.89980	10,363 m		
LOBBS	J41	33.90890	34,000 ft	29	-
FIX	AWY-HI	-87.42720	10,363 m		
GOOGY	J41	34.02730	34,000 ft	14	-
FIX	AWY-HI	-87.69210	10,363 m		
MEM	J41	35.01510	34,000 ft	127	MEMPHIS
VOR	AWY-HI	-89.98320	10,363 m		
MUDHO	-	34.94160	34,000 ft	7	-
FIX	-	-90.10710	10,363 m		
ECIGE	Q128	35.56480	34,000 ft	95	-
FIX	AWY-HI	-91.90230	10,363 m		
VLUST	Q128	36.25350	34,000 ft	114	-
FIX	AWY-HI	-94.10740	10,363 m		
RZC	-	36.24640	34,000 ft	0	RAZORBACK (FAYETTEVILLE)
VOR	-	-94.12140	10,363 m		
COODY	J182	36.66720	34,000 ft	71	-
FIX	AWY-HI	-95.50020	10,363 m		
CHELI	J182	36.93870	34,000 ft	28	-
FIX	AWY-HI	-95.99710	10,363 m		
BURDN	J182	37.40490	34,000 ft	51	-
FIX	AWY-HI	-96.91170	10,363 m		
ICT	J182	37.74530	34,000 ft	37	WICHITA
VOR	AWY-HI	-97.58380	10,363 m		
RASCL	J182	38.01760	34,000 ft	34	-
FIX	AWY-HI	-98.23560	10,363 m		
KIRKE	J182	38.08980	34,000 ft	8	-
FIX	AWY-HI	-98.40150	10,363 m		
GLD	J182	39.38790	34,000 ft	172	GOODLAND
VOR	AWY-HI	-101.69200	10,363 m		
EHVER	V4	39.48720	34,000 ft	22	-
FIX	AWY-LO	-102.16800	10,363 m		
FLAGG	V4	39.53960	31,700 ft	12	-
FIX	AWY-LO	-102.42200	9,662 m		
KDEN	-	39.86100	0 ft	105	Denver Intl
APT	-	-104.67200	0 m		

KMCO

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

Elevation: 96 ft / 29 m
Location: 28.429200 -81.306800
Magnetic Var: 6.993 W

METAR

KMCO 032153Z 10015KT 10SM SCT050 SCT250 29/18 A2996 RMK A02 SLP143 T02890178

TAF

KMCO 032059Z 0321/0424 09012G18KT P6SM SCT060 FM040200 11006KT P6SM FEW080 FM041500 12008KT P6SM FEW050 FM041800

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

KDEN

Region: UNITED STATES

Timezone: AMERICA/DENVER

Runways: 6

Elevation: 5,429 ft / 1,655 m

Location: 39.861000 -104.672000

Magnetic Var: 7.396 E

METAR

KDEN 032153Z 01030G42KT 10SM SCT110 BKN140 16/02 A2979 RMK AO2 PK WND 36042/2056 SLP048 T01610017

TAF

KDEN 032101Z 0321/0424 36023G38KT P6SM SCT090 BKN140 FM032230 02020G30KT P6SM SCT090 BKN140 FM040200 04014G22KT F

Frequencies

REC - 134.02 MHz - D-ATIS

CLD - 118.75 MHz - CLEARANCE DELIVERY

GND - 127.50 MHz - DENVER GROUND

TWR - 133.30 MHz - DENVER TOWER

TWR - 135.30 MHz - DENVER TOWER

APP - 120.35 MHz - DENVER APPROACH

DEP - 127.05 MHz - DENVER DEPARTURE

DEP - 128.45 MHz - DENVER DEPARTURE

COM - 122.95 MHz - UNICOM

GND - 121.85 MHz - DENVER GROUND

TWR - 132.35 MHz - DENVER TOWER

TWR - 128.75 MHz - DENVER TOWER

APP - 119.30 MHz - DENVER APPROACH

DEP - 126.10 MHz - DENVER DEPARTURE

DEP - 128.25 MHz - DENVER DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16R	200 ft	16,016 ft	180.50	CONCRETE	0 ft	410 ft
	61 m	4,882 m	173.10		0 m	125 m
34L	200 ft	16,016 ft	0.50	CONCRETE	0 ft	410 ft
	61 m	4,882 m	353.10		0 m	125 m
16L	151 ft	12,013 ft	180.51	CONCRETE	0 ft	413 ft
	46 m	3,662 m	173.12		0 m	126 m
34R	151 ft	12,013 ft	0.51	CONCRETE	0 ft	394 ft
	46 m	3,662 m	353.12		0 m	120 m
17R	151 ft	12,013 ft	180.53	CONCRETE	0 ft	413 ft
	46 m	3,662 m	173.13		0 m	126 m
35L	151 ft	12,013 ft	0.53	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.13		0 m	122 m
17L	151 ft	12,013 ft	180.54	CONCRETE	0 ft	404 ft
	46 m	3,662 m	173.15		0 m	123 m
35R	151 ft	12,013 ft	0.54	CONCRETE	0 ft	400 ft
	46 m	3,662 m	353.15		0 m	122 m
07	151 ft	12,013 ft	90.50	CONCRETE	0 ft	377 ft
	46 m	3,662 m	83.10		0 m	115 m
25	151 ft	12,013 ft	270.52	CONCRETE	0 ft	374 ft
	46 m	3,662 m	263.13		0 m	114 m
08	151 ft	12,013 ft	90.54	CONCRETE	0 ft	367 ft
	46 m	3,662 m	83.14		0 m	112 m
26	151 ft	12,013 ft	270.56	CONCRETE	0 ft	400 ft
	46 m	3,662 m	263.17		0 m	122 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	IDZG	111.55 MHz	18 nm	-	-	5,352 ft
				33 km	-		5,352 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08	DME	IFUI	108.90 MHz	18 nm 33 km	- -	-	5,345 ft 5,345 m
16L	DME	ILTT	111.10 MHz	18 nm 33 km	- -	-	5,347 ft 5,347 m
16R	DME	IDQQ	111.90 MHz	18 nm 33 km	- -	-	5,311 ft 5,311 m
17L	DME	IBXP	110.15 MHz	18 nm 33 km	- -	-	5,328 ft 5,328 m
17R	DME	IACX	108.50 MHz	18 nm 33 km	- -	-	5,390 ft 5,390 m
25	DME	IERP	111.55 MHz	18 nm 33 km	- -	-	5,352 ft 5,352 m
26	DME	IJOY	108.90 MHz	18 nm 33 km	- -	-	5,300 ft 5,300 m
34L	DME	IDXU	111.90 MHz	18 nm 33 km	- -	-	5,311 ft 5,311 m
34R	DME	IOUF	111.10 MHz	18 nm 33 km	- -	-	5,349 ft 5,349 m
35L	DME	IAQD	108.50 MHz	18 nm 33 km	- -	-	5,421 ft 5,421 m
35R	DME	IDPP	110.15 MHz	18 nm 33 km	- -	-	5,360 ft 5,360 m
07	LOC-ILS	IDZG	111.55 MHz	18 nm 33 km	90.51 83.11	-	5,431 ft 5,431 m
08	LOC-ILS	IFUI	108.90 MHz	18 nm 33 km	90.55 83.15	-	5,431 ft 5,431 m
16L	LOC-ILS	ILTT	111.10 MHz	18 nm 33 km	180.51 173.11	-	5,431 ft 5,431 m
16R	LOC-ILS	IDQQ	111.90 MHz	18 nm 33 km	180.50 173.10	-	5,431 ft 5,431 m
17L	LOC-ILS	IBXP	110.15 MHz	18 nm 33 km	180.53 173.13	-	5,431 ft 5,431 m
17R	LOC-ILS	IACX	108.50 MHz	18 nm 33 km	180.53 173.13	-	5,431 ft 5,431 m
25	LOC-ILS	IERP	111.55 MHz	18 nm 33 km	270.51 263.11	-	5,431 ft 5,431 m
26	LOC-ILS	IJOY	108.90 MHz	18 nm 33 km	270.55 263.15	-	5,431 ft 5,431 m
34L	LOC-ILS	IDXU	111.90 MHz	18 nm 33 km	0.50 353.10	-	5,431 ft 5,431 m
34R	LOC-ILS	IOUF	111.10 MHz	18 nm 33 km	0.51 353.11	-	5,431 ft 5,431 m
35L	LOC-ILS	IAQD	108.50 MHz	18 nm 33 km	0.53 353.13	-	5,431 ft 5,431 m
35R	LOC-ILS	IDPP	110.15 MHz	18 nm 33 km	0.53 353.13	-	5,431 ft 5,431 m
07	GS	IDZG	111.55 MHz	10 nm 19 km	90.51 83.11	3.00	5,431 ft 5,431 m
08	GS	IFUI	108.90 MHz	10 nm 19 km	90.55 83.15	3.00	5,431 ft 5,431 m
16L	GS	ILTT	111.10 MHz	10 nm 19 km	180.51 173.11	3.00	5,431 ft 5,431 m
16R	GS	IDQQ	111.90 MHz	10 nm 19 km	180.50 173.10	3.00	5,431 ft 5,431 m
17L	GS	IBXP	110.15 MHz	10 nm 19 km	180.53 173.13	3.00	5,431 ft 5,431 m
17R	GS	IACX	108.50 MHz	10 nm 19 km	180.53 173.13	3.00	5,431 ft 5,431 m
25	GS	IERP	111.55 MHz	10 nm 19 km	270.51 263.11	3.00	5,431 ft 5,431 m
26	GS	IJOY	108.90 MHz	10 nm	270.55	3.00	5,431 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				19 km	263.15		5,431 m
34L	GS	IDXU	111.90 MHz	10 nm	0.50	3.00	5,431 ft
				19 km	353.10		5,431 m
34R	GS	IOUF	111.10 MHz	10 nm	0.51	3.00	5,431 ft
				19 km	353.11		5,431 m
35L	GS	IAQD	108.50 MHz	10 nm	0.53	3.00	5,431 ft
				19 km	353.13		5,431 m
35R	GS	IDPP	110.15 MHz	10 nm	0.53	3.00	5,431 ft
				19 km	353.13		5,431 m