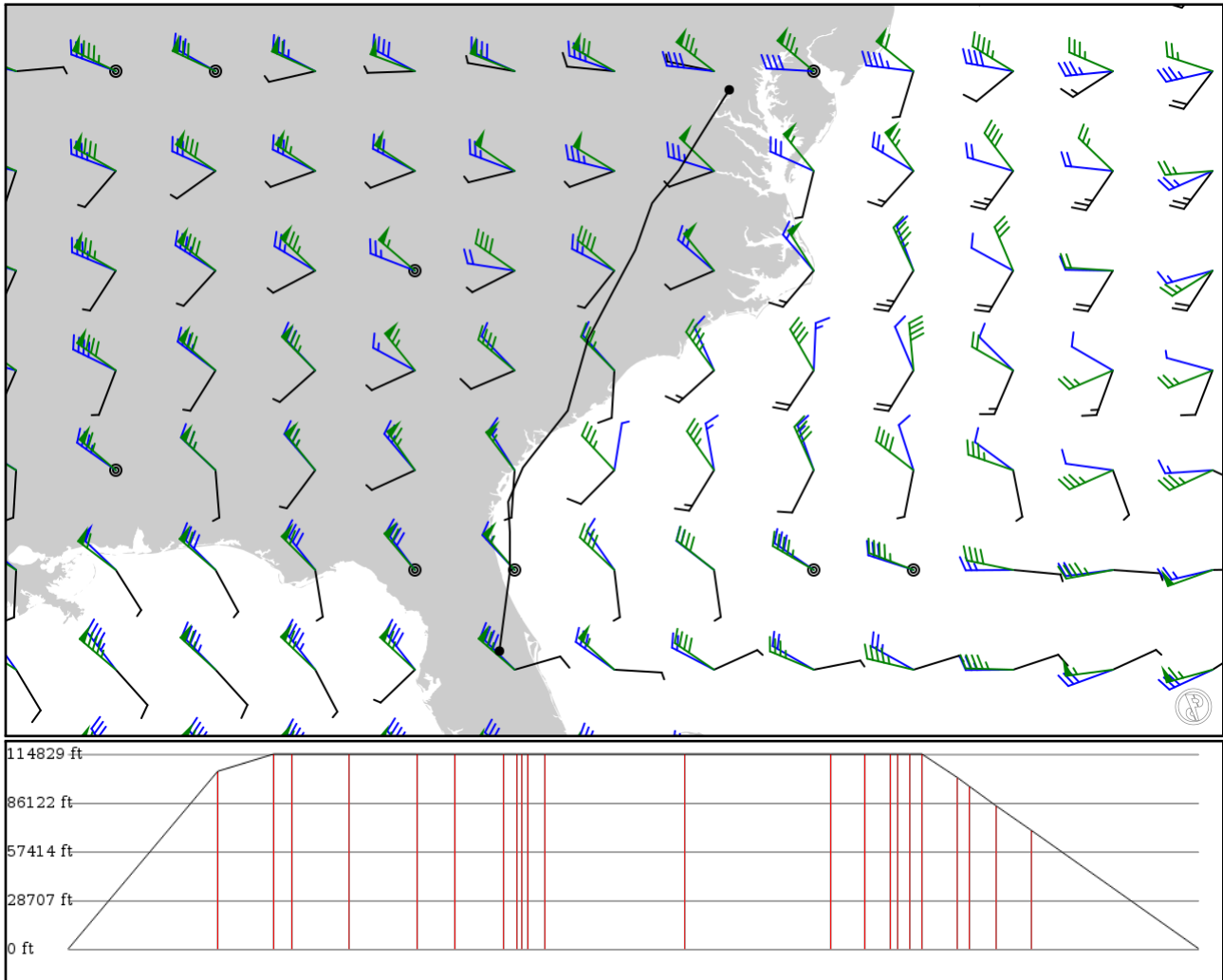


2024/05/16 0733Z

KMCO JETSO **V437** STARY **V1** CHS **J55** FLO **J207** RDU **V3** CARML KDCA

672.53 nm / 1245.53 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
JETSO FIX	-	29.90890 -81.11270	31,900 ft 9,723 m	89	-
SUBER FIX	V437 AWY-LO	30.45680 -81.11260	35,000 ft 10,668 m	32	-
HOTAR FIX	V437 AWY-LO	30.63980 -81.11270	35,000 ft 10,668 m	10	-
STARY FIX	V437 AWY-LO	31.20130 -81.14460	35,000 ft 10,668 m	33	-
TYBEE FIX	V1 AWY-LO	31.83810 -80.87020	35,000 ft 10,668 m	40	-
RUBYS FIX	V1 AWY-LO	32.14530 -80.63050	35,000 ft 10,668 m	22	-
BASSO FIX	V1 AWY-LO	32.54890 -80.31270	35,000 ft 10,668 m	29	-
HONAP FIX	V1 AWY-LO	32.66020 -80.22440	35,000 ft 10,668 m	8	-
ROOFS FIX	V1 AWY-LO	32.70460 -80.18910	35,000 ft 10,668 m	3	-
COTAK FIX	V1 AWY-LO	32.75580 -80.14830	35,000 ft 10,668 m	3	-
CHS VOR	V1 AWY-LO	32.89430 -80.03780	35,000 ft 10,668 m	10	CHARLESTON
FLO VOR	J55 AWY-HI	34.23300 -79.65720	35,000 ft 10,668 m	82	FLORENCE
STUKK FIX	J207 AWY-HI	35.56720 -78.94900	35,000 ft 10,668 m	87	-
RDU VOR	J207 AWY-HI	35.87250 -78.78330	35,000 ft 10,668 m	20	RALEIGH-DURHAM
ESTMA FIX	V3 AWY-LO	36.11320 -78.69830	35,000 ft 10,668 m	15	-
STEMM FIX	V3 AWY-LO	36.18340 -78.67330	35,000 ft 10,668 m	4	-
YITUP FIX	V3 AWY-LO	36.29780 -78.63270	35,000 ft 10,668 m	7	-
OXFRD FIX	V3 AWY-LO	36.42030 -78.58900	35,000 ft 10,668 m	7	-
HARVY FIX	V3 AWY-LO	36.74620 -78.47190	30,800 ft 9,388 m	20	-
DOCMO FIX	V3 AWY-LO	36.85040 -78.38920	29,200 ft 8,900 m	7	-
NUTTS FIX	V3 AWY-LO	37.07620 -78.20380	25,700 ft 7,833 m	16	-
CARML FIX	V3 AWY-LO	37.36180 -77.96900	21,300 ft 6,492 m	20	-
KDCA APT	-	38.85140 -77.03770	0 ft 0 m	99	Ronald Reagan Airport

## KMCO

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

Elevation: 96 ft / 29 m  
Location: 28.429200 -81.306800  
Magnetic Var: 6.996 W

## METAR

KMCO 160653Z 26005KT 10SM BKN018 25/23 A2984 RMK AO2 SLP102 T02500228

## TAF

TAF KMCO 160539Z 1606/1712 26004KT P6SM SCT024 FM161400 28010G17KT P6SM SCT040 SCT250 FM170100 27005KT P6SM FEW250

## 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	186.48		0 m	122 m
35R	151 ft	9,028 ft	359.48	CONCRETE	0 ft	404 ft
	46 m	2,752 m	6.48		0 m	123 m
18L	200 ft	12,049 ft	179.46	CONCRETE	0 ft	400 ft
	61 m	3,673 m	186.46		0 m	122 m
36R	200 ft	12,049 ft	359.46	CONCRETE	0 ft	407 ft
	61 m	3,673 m	6.46		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	186.46		96 m
17R	LOC-ILS	IDIZ	111.75 MHz	18 nm	179.51	-	96 ft
				33 km	186.51		96 m
18R	LOC-ILS	ITFE	111.90 MHz	18 nm	179.50	-	96 ft
				33 km	186.50		96 m
35L	LOC-ILS	IDDO	110.50 MHz	18 nm	359.51	-	96 ft
				33 km	6.51		96 m
35R	LOC-ILS	ICER	111.15 MHz	18 nm	359.46	-	96 ft
				33 km	6.46		96 m
36R	LOC-ILS	IOJP	110.70 MHz	18 nm	359.50	-	96 ft
				33 km	6.50		96 m
17L	GS	IARK	110.95 MHz	10 nm	179.46	3.00	96 ft
				19 km	186.46		96 m
17R	GS	IDIZ	111.75 MHz	10 nm	179.51	3.00	96 ft
				19 km	186.51		96 m
18R	GS	ITFE	111.90 MHz	10 nm	179.50	3.00	96 ft
				19 km	186.50		96 m
35L	GS	IDDO	110.50 MHz	10 nm	359.51	3.00	96 ft
				19 km	6.51		96 m
35R	GS	ICER	111.15 MHz	10 nm	359.46	3.00	96 ft
				19 km	6.46		96 m
36R	GS	IOJP	110.70 MHz	10 nm	359.50	3.00	96 ft
				19 km	6.50		96 m

## KDCA

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 3

Elevation: 15 ft / 5 m  
Location: 38.851400 -77.037700  
Magnetic Var: 10.880 W

## METAR

KDCA 160652Z 00000KT 10SM FEW110 SCT250 16/14 A2972 RMK A02 SLP064 T01560139

## TAF

TAF KDCA 160524Z 1606/1712 33005KT P6SM FEW110 BKN250 FM160900 36006KT P6SM FEW060 SCT250 FM161600 35011G17KT P6S

## Frequencies

REC - 132.65 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.25 MHz - CLEARANCE DELIVERY	GND - 121.70 MHz - WASHINGTON GROUND
TWR - 119.10 MHz - WASHINGTON TOWER	TWR - 134.35 MHz - WASHINGTON TOWER
APP - 119.85 MHz - POTOMAC APPROACH	APP - 124.20 MHz - POTOMAC APPROACH
APP - 124.70 MHz - POTOMAC APPROACH	DEP - 118.95 MHz - POTOMAC DEPARTURE
DEP - 125.65 MHz - POTOMAC DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	7,183 ft	355.53	ASPHALT	0 ft	200 ft
	46 m	2,190 m	6.41		0 m	61 m
19	151 ft	7,183 ft	175.53	ASPHALT	0 ft	197 ft
	46 m	2,190 m	186.41		0 m	60 m
15	151 ft	5,205 ft	142.76	ASPHALT	0 ft	413 ft
	46 m	1,587 m	153.64		0 m	126 m
33	151 ft	5,205 ft	322.77	ASPHALT	0 ft	180 ft
	46 m	1,587 m	333.65		0 m	55 m
04	151 ft	5,009 ft	25.45	ASPHALT	203 ft	0 ft
	46 m	1,527 m	36.33		62 m	0 m
22	151 ft	5,009 ft	205.46	ASPHALT	0 ft	381 ft
	46 m	1,527 m	216.34		0 m	116 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	DME	IDCA	109.90 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
19	DME	IVWH	108.50 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
01	LOC-ILS	IDCA	109.90 MHz	18 nm	355.51	-	15 ft
				33 km	6.39		15 m
01	GS	IDCA	109.90 MHz	10 nm	355.51	3.00	15 ft
				19 km	6.39		15 m