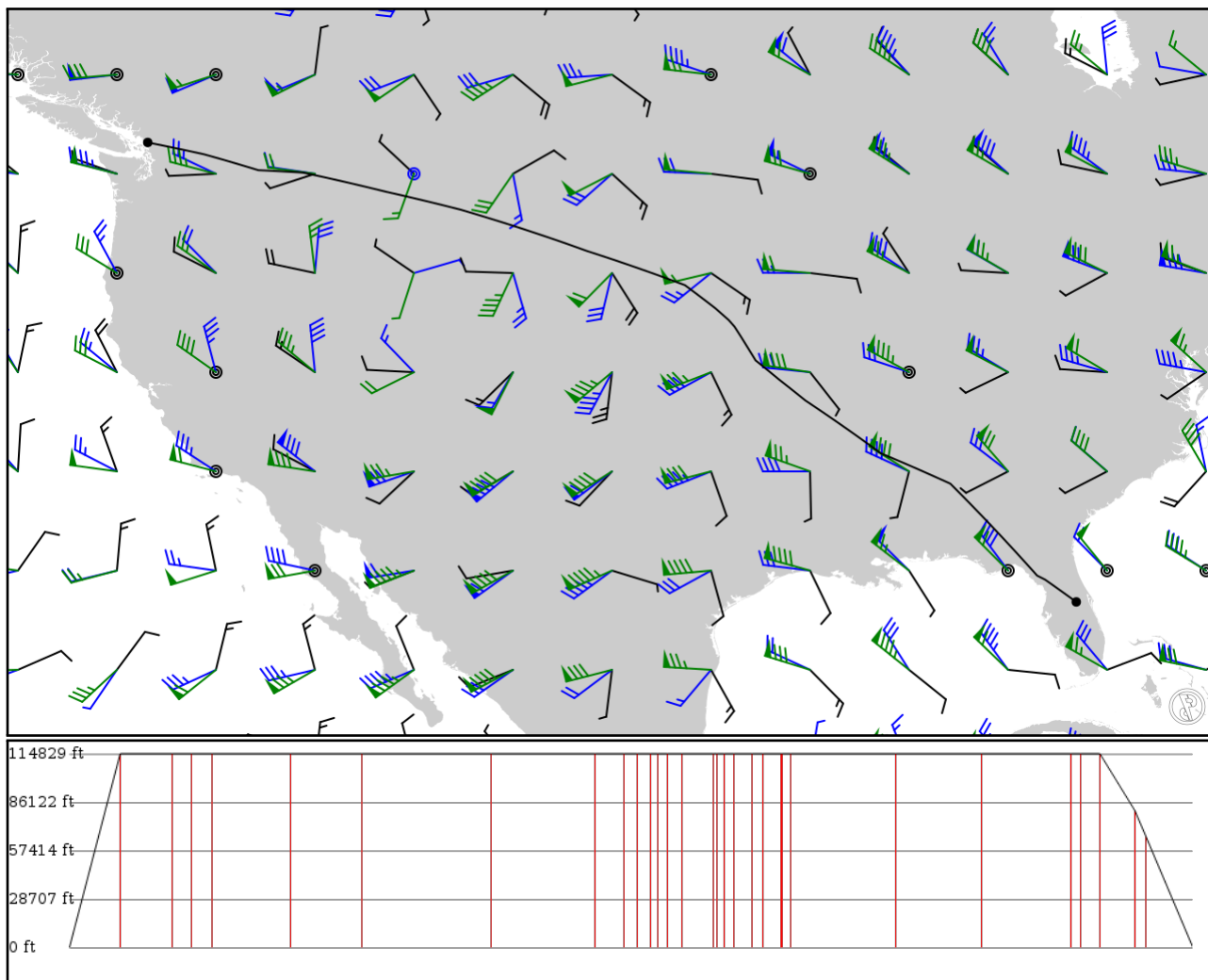


2024/05/29 0414Z

KBLI TWISP J52 GEG J136 HILIE V2 MLP J136 BIL J151 ONL V71 SGF J41 VUZ J151 CTY V159 WILON KMCO

2284.03 nm / 4230.02 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
KBLI	-	48.79261	0 ft	-	BELLINGHAM INTL
APT	-	-122.53753	0 m		
TWISP	-	48.26912	35,000 ft	104	-
FIX	-	-120.03825	10,668 m		
GEG	J52	47.56494	35,000 ft	105	SPOKANE VORTAC
VOR	AWY-HI	-117.62689	10,668 m		
HILIE	J136	47.51815	35,000 ft	38	-
FIX	AWY-HI	-116.68970	10,668 m		
MLP	V2	47.45690	35,000 ft	42	MULLAN PASS VOR-DME
DME	AWY-LO	-115.64604	10,668 m		
HLN	J136	46.60683	35,000 ft	159	HELENA VORTAC
VOR	AWY-HI	-111.95347	10,668 m		
BIL	J136	45.80856	35,000 ft	146	BILLINGS VORTAC
VOR	AWY-HI	-108.62464	10,668 m		
RAP	J151	43.97603	35,000 ft	262	RAPID CITY VORTAC
VOR	AWY-HI	-103.01233	10,668 m		
ONL	J151	42.47050	35,000 ft	209	O'NEILL VORTAC
VOR	AWY-HI	-98.68692	10,668 m		
ERGUC	V71	41.77316	35,000 ft	58	-
FIX	AWY-LO	-97.76024	10,668 m		
OLU	V71	41.45003	35,000 ft	27	COLUMBUS VOR-DME
VOR	AWY-LO	-97.34083	10,668 m		
DWELL	V71	41.08979	35,000 ft	28	-
FIX	AWY-LO	-96.92950	10,668 m		
LNK	V71	40.92381	35,000 ft	13	LINCOLN VORTAC
VOR	AWY-LO	-96.74200	10,668 m		
PANNY	V71	40.63314	35,000 ft	21	-
FIX	AWY-LO	-96.48495	10,668 m		
PWE	V71	40.20035	35,000 ft	28	PAWNEE CITY VORTAC
DME	AWY-LO	-96.20628	10,668 m		
EKZUB	V71	39.25772	35,000 ft	62	-
FIX	AWY-LO	-95.62253	10,668 m		
TOP	V71	39.13708	35,000 ft	8	TOPEKA VORTAC
VOR	AWY-LO	-95.54917	10,668 m		
IGSOW	V71	38.95748	35,000 ft	14	-
FIX	AWY-LO	-95.32569	10,668 m		
DODSN	V71	38.72448	35,000 ft	19	-
FIX	AWY-LO	-95.03845	10,668 m		
BUM	V71	38.27208	35,000 ft	37	BUTLER VORTAC
VOR	AWY-LO	-94.48825	10,668 m		
GLENR	V71	38.01470	35,000 ft	21	-
FIX	AWY-LO	-94.15958	10,668 m		
ATOPE	V71	37.59309	35,000 ft	35	-
FIX	AWY-LO	-93.62871	10,668 m		
SHIRE	V71	37.54953	35,000 ft	3	-
FIX	AWY-LO	-93.57436	10,668 m		
SGF	V71	37.35594	35,000 ft	16	SPRINGFIELD VORTAC
VOR	AWY-LO	-93.33403	10,668 m		
MEM	J41	35.01511	35,000 ft	214	MEMPHIS VORTAC
VOR	AWY-HI	-89.98322	10,668 m		
VUZ	J41	33.67014	35,000 ft	172	VULCAN VORTAC
VOR	AWY-HI	-86.89983	10,668 m		
WYATT	J151	31.32290	35,000 ft	182	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-84.62511	10,668 m		
NEDDY	J151	31.06415	35,000 ft	19	-
FIX	AWY-HI	-84.38378	10,668 m		
CAPPS	J151	30.54533	35,000 ft	39	-
FIX	AWY-HI	-83.90498	10,668 m		
CTY	J151	29.59900	24,700 ft	72	CROSS CITY VORTAC
DME	AWY-HI	-83.04879	7,529 m		
WILON	V159	29.41783	20,100 ft	21	-
FIX	AWY-LO	-82.69322	6,126 m		
KMCO	-	28.42920	0 ft	94	Orlando Intl
APT	-	-81.30678	0 m		

## KBLI

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

Elevation: 170 ft / 52 m  
Location: 48.792700 -122.538000  
Magnetic Var: 15.073 E

## METAR

KBLI 290353Z 19006KT 10SM FEW037 SCT065 BKN075 12/07 A3014 RMK A02 SLP213 T01220072

## TAF

KBLI 282329Z 2900/2924 18009KT P6SM VCSH OVC060 FM291300 18005KT P6SM OVC020 FM292200 19009KT P6SM -SHRA OVC040

## Frequencies

REC - 134.45 MHz - ATIS  
COM - 122.95 MHz - UNICOM  
TWR - 124.90 MHz - TOWER  
COM - 124.90 MHz - CTAF  
GND - 127.40 MHz - GROUND  
APP - 132.70 MHz - VICTORIA APPROACH/DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16	151 ft	6,704 ft	179.84	ASPHALT	0 ft	92 ft
	46 m	2,043 m	164.77		0 m	28 m
34	151 ft	6,704 ft	359.84	ASPHALT	0 ft	0 ft
	46 m	2,043 m	344.77		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16	LOC-ILS	IBLI	108.50 MHz	18 nm	179.84	-	170 ft
				33 km	164.77		170 m
16	GS	IBLI	108.50 MHz	10 nm	179.84	3.00	170 ft
				19 km	164.77		170 m

## KMCO

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

Elevation: 96 ft / 29 m  
Location: 28.429200 -81.306800  
Magnetic Var: 6.999 W

## METAR

KMCO 290353Z 22004KT 10SM FEW050 26/23 A3003 RMK A02 SLP166 T02610228

## TAF

KMCO 290257Z 2903/3006 VRB03KT P6SM FEW050 FM291500 35010KT P6SM FEW050 FEW250 FM292100 03011KT P6SM FEW250 FM3000

## 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	186.47		0 m	123 m
35L	151 ft	10,036 ft	359.47	CONCRETE	0 ft	400 ft
	46 m	3,059 m	6.47		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