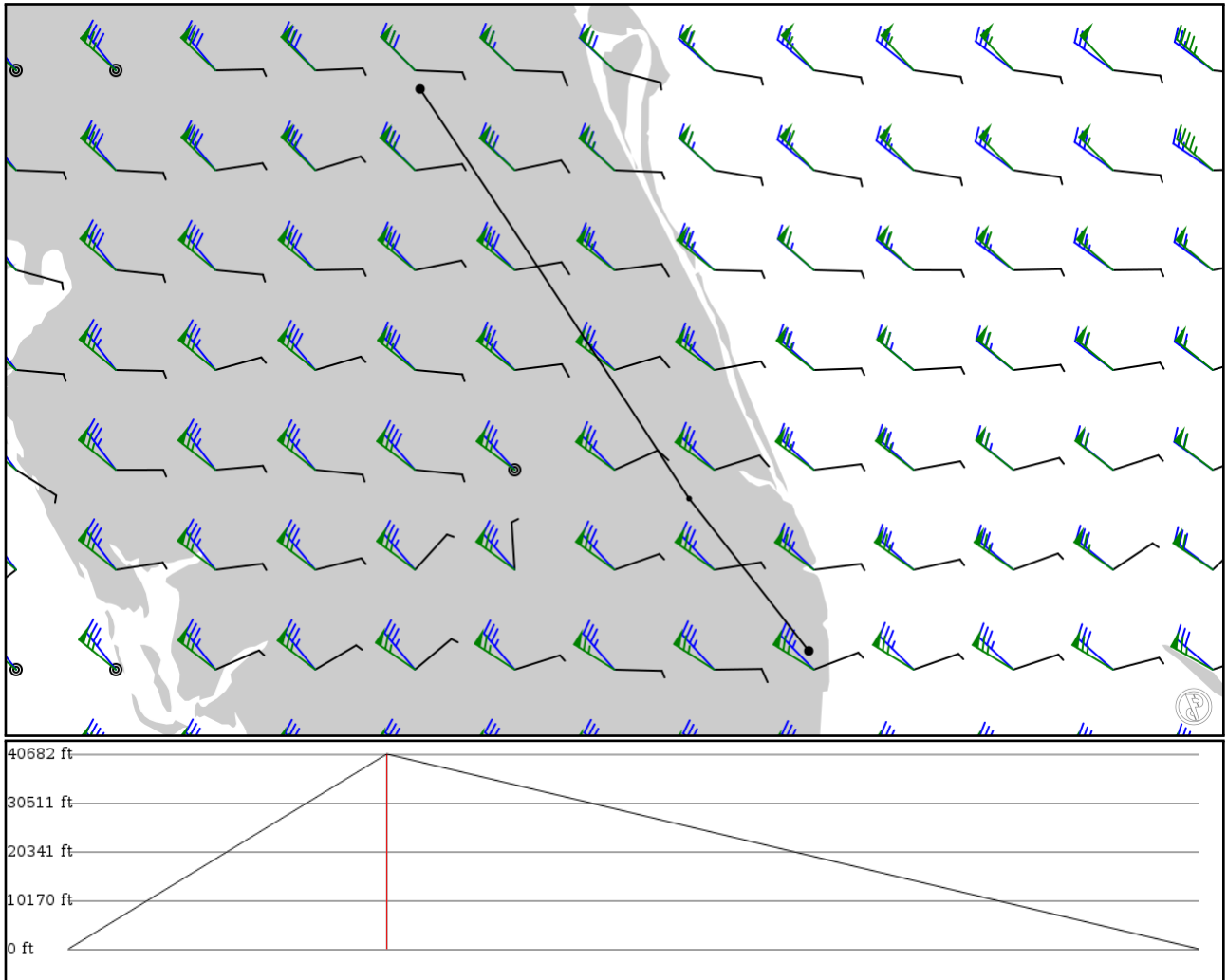


2024/05/09 1830Z

KPBI TBIRD KMCO

123.18 nm / 228.13 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
KPBI	-	26.68290	0 ft	-	Palm Beach Intl
APT	-	-80.09700	0 m		
TBIRD	-	27.15620	12,400 ft	34	-
FIX	-	-80.46940	3,780 m		
KMCO	-	28.42920	0 ft	88	Orlando Intl
APT	-	-81.30680	0 m		

KPBI

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 3

Elevation: 19 ft / 6 m
Location: 26.682900 -80.097000
Magnetic Var: 7.497 W

METAR

KPBI 091753Z 13012G19KT 10SM SCT033 31/23 A2995 RMK A02 SLP141 T03110228 10317 20261 58007

TAF

TAF KPBI 091720Z 0918/1018 15012G19KT P6SM FEW035 FEW050 FM100000 18009KT P6SM FEW035 FEW250 FM100500 VRB04KT P6S

Frequencies

REC - 123.75 MHz - PALM BEACH ATIS	CLD - 121.60 MHz - PALM BEACH CLEARANCE
GND - 121.90 MHz - PALM BEACH GROUND	TWR - 119.10 MHz - PALM BEACH TOWER
DEP - 128.30 MHz - PALM BEACH DEPARTURE	DEP - 127.35 MHz - PALM BEACH DEPARTURE
DEP - 125.20 MHz - PALM BEACH DEPARTURE	APP - 124.60 MHz - PALM BEACH APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	150 ft	9,988 ft	92.80	ASPHALT	1,201 ft	203 ft
	46 m	3,044 m	100.29		366 m	62 m
28R	150 ft	9,988 ft	272.81	ASPHALT	810 ft	200 ft
	46 m	3,044 m	280.31		247 m	61 m
14	150 ft	6,941 ft	135.32	ASPHALT	0 ft	197 ft
	46 m	2,116 m	142.82		0 m	60 m
32	150 ft	6,941 ft	315.33	ASPHALT	427 ft	272 ft
	46 m	2,116 m	322.82		130 m	83 m
10R	75 ft	3,209 ft	92.80	ASPHALT	0 ft	197 ft
	23 m	978 m	100.30		0 m	60 m
28L	75 ft	3,209 ft	272.81	ASPHALT	0 ft	187 ft
	23 m	978 m	280.30		0 m	57 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	LOC-ILS	IPBI	111.90 MHz	18 nm	92.80	-	19 ft
				33 km	100.29		19 m
28R	LOC-ILS	IPWB	111.90 MHz	18 nm	272.80	-	19 ft
				33 km	280.29		19 m
10L	GS	IPBI	111.90 MHz	10 nm	93.59	3.00	17 ft
				19 km	101.09		17 m
28R	GS	IPWB	111.90 MHz	10 nm	273.59	3.00	19 ft
				19 km	281.09		19 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 091753Z 24006G18KT 10SM FEW050 33/19 A2992 RMK A02 SLP129 T03330194 10339 20250 58013

TAF

KMCO 091740Z 0918/1024 22012G18KT P6SM FEW050 FM092100 24014G20KT P6SM FEW060 FM100100 27008KT P6SM SCT080 FM100800 28012KT P6SM SCT080

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