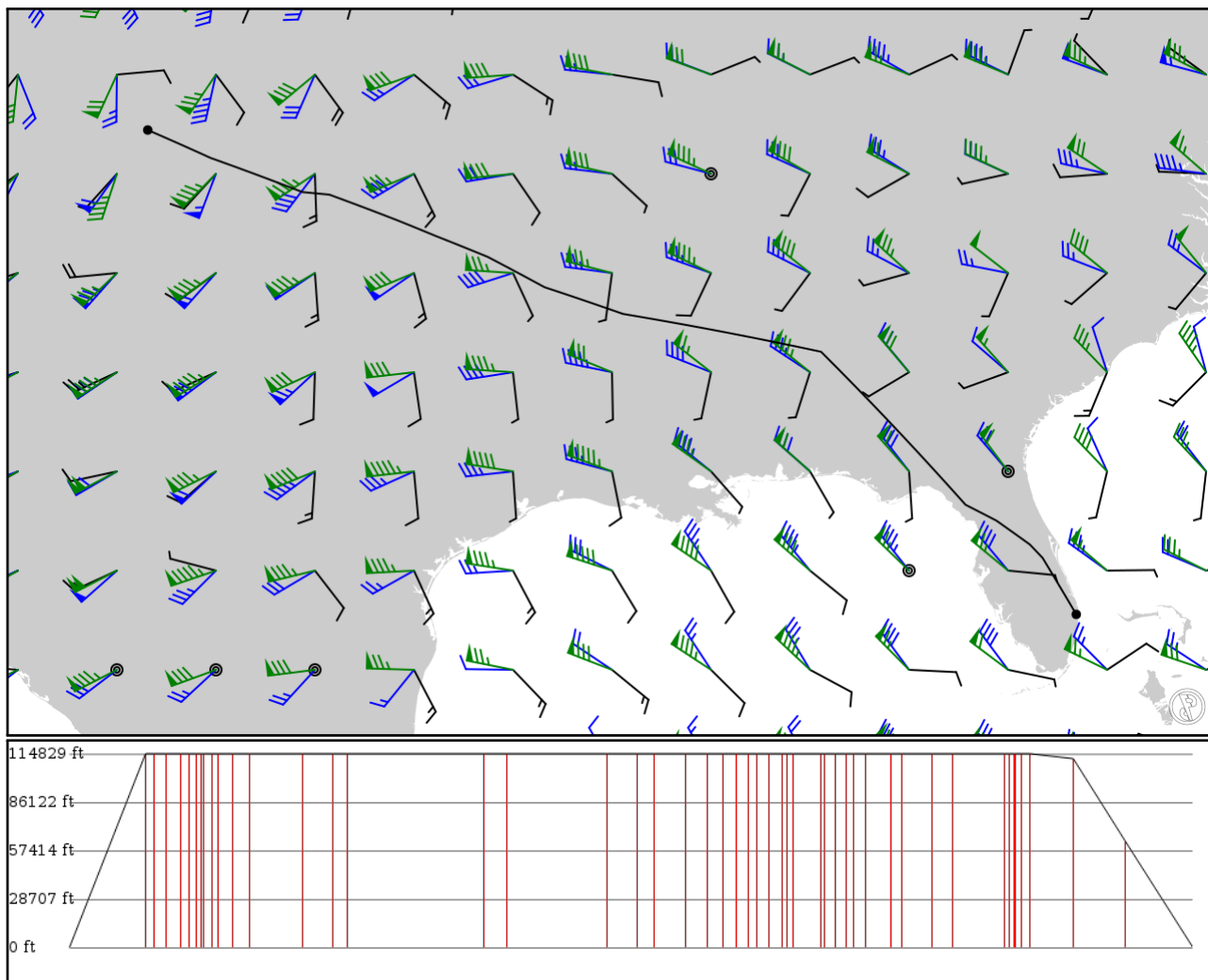


2024/05/19 1052Z

KPBI JIHMU V159 CTY J151 VUZ J14 LIT V74 PER V516 ANY V74 DDC V10 GCK J154 SELLS KAPA

1500.29 nm / 2778.53 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
KPBI	-	26.68290	0 ft	-	Palm Beach Intl
APT	-	-80.09700	0 m		
JIHMU	-	28.18500	35,000 ft	102	-
FIX	-	-80.99410	10,668 m		
PRESK	V159	28.33620	35,000 ft	11	-
FIX	AWY-LO	-81.13780	10,668 m		
ORL	V159	28.54270	35,000 ft	16	ORLANDO
VOR	AWY-LO	-81.33500	10,668 m		
MAMBO	V159	28.74840	35,000 ft	19	-
FIX	AWY-LO	-81.62170	10,668 m		
LEESE	V159	28.86010	35,000 ft	10	-
FIX	AWY-LO	-81.77820	10,668 m		
SHIMM	V159	28.96650	35,000 ft	10	-
FIX	AWY-LO	-81.92790	10,668 m		
CUSAB	V159	29.03090	35,000 ft	6	-
FIX	AWY-LO	-82.01880	10,668 m		
ALADN	V159	29.06820	35,000 ft	3	-
FIX	AWY-LO	-82.07150	10,668 m		
OCF	V159	29.17750	35,000 ft	10	OCALA
VOR	AWY-LO	-82.22630	10,668 m		
PERSE	V159	29.25440	35,000 ft	9	-
FIX	AWY-LO	-82.37520	10,668 m		
WILON	V159	29.41780	35,000 ft	19	-
FIX	AWY-LO	-82.69320	10,668 m		
CTY	V159	29.59900	35,000 ft	21	CROSS CITY
VOR	AWY-LO	-83.04880	10,668 m		
CAPPS	J151	30.54530	35,000 ft	72	-
FIX	AWY-HI	-83.90500	10,668 m		
NEDDY	J151	31.06420	35,000 ft	39	-
FIX	AWY-HI	-84.38380	10,668 m		
WYATT	J151	31.32290	35,000 ft	19	-
FIX	AWY-HI	-84.62510	10,668 m		
VUZ	J151	33.67010	35,000 ft	182	VULCAN (BIRMINGHAM)
VOR	AWY-HI	-86.89980	10,668 m		
YAALL	J14	33.79340	35,000 ft	29	-
FIX	AWY-HI	-87.48090	10,668 m		
XESSS	J14	34.31410	35,000 ft	134	-
FIX	AWY-HI	-90.11740	10,668 m		
CARIN	J14	34.45420	35,000 ft	39	-
FIX	AWY-HI	-90.88700	10,668 m		
ARIGY	J14	34.53550	35,000 ft	23	-
FIX	AWY-HI	-91.34720	10,668 m		
LIT	J14	34.67770	35,000 ft	42	LITTLE ROCK
VOR	AWY-HI	-92.18050	10,668 m		
MAUME	V74	34.86650	35,000 ft	29	-
FIX	AWY-LO	-92.72240	10,668 m		
OLLAS	V74	35.00050	35,000 ft	20	-
FIX	AWY-LO	-93.11280	10,668 m		
DANIL	V74	35.11740	35,000 ft	18	-
FIX	AWY-LO	-93.45730	10,668 m		
MAGGA	V74	35.21310	35,000 ft	15	-
FIX	AWY-LO	-93.74240	10,668 m		
CHARR	V74	35.28700	35,000 ft	11	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-LO	-93.96420	10,668 m		
FSM	V74	35.38840	35,000 ft	16	FORT SMITH
VOR	AWY-LO	-94.27150	10,668 m		
AWIJE	V74	35.54510	35,000 ft	16	-
FIX	AWY-LO	-94.56060	10,668 m		
LAVER	V74	35.61430	35,000 ft	7	-
FIX	AWY-LO	-94.68900	10,668 m		
BUTCH	V74	35.67800	35,000 ft	6	-
FIX	AWY-LO	-94.80750	10,668 m		
MALTS	V74	36.02450	35,000 ft	37	-
FIX	AWY-LO	-95.46000	10,668 m		
OWETA	V74	36.06780	35,000 ft	4	-
FIX	AWY-LO	-95.54240	10,668 m		
TUL	V74	36.19630	35,000 ft	14	TULSA
VOR	AWY-LO	-95.78810	10,668 m		
STEBB	V74	36.30870	35,000 ft	14	-
FIX	AWY-LO	-96.06370	10,668 m		
HOMIN	V74	36.37800	35,000 ft	9	-
FIX	AWY-LO	-96.23480	10,668 m		
MANON	V74	36.49740	35,000 ft	16	-
FIX	AWY-LO	-96.53180	10,668 m		
PER	V74	36.74650	35,000 ft	33	PIONEER (PONCA CITY)
VOR	AWY-LO	-97.16020	10,668 m		
DOREC	V516	36.86080	35,000 ft	14	-
FIX	AWY-LO	-97.43710	10,668 m		
ANY	V516	37.15900	35,000 ft	39	ANTHONY
VOR	AWY-LO	-98.17080	10,668 m		
SAFER	V74	37.36170	35,000 ft	27	-
FIX	AWY-LO	-98.69750	10,668 m		
DDC	V74	37.85060	35,000 ft	68	DODGE CITY
VOR	AWY-LO	-100.00600	10,668 m		
HEPVA	V10	37.86490	35,000 ft	6	-
FIX	AWY-LO	-100.15200	10,668 m		
POKPE	V10	37.87900	35,000 ft	6	-
FIX	AWY-LO	-100.29800	10,668 m		
KUDIC	V10	37.88260	35,000 ft	2	-
FIX	AWY-LO	-100.34000	10,668 m		
ONIPE	V10	37.89760	35,000 ft	7	-
FIX	AWY-LO	-100.49500	10,668 m		
GCK	V10	37.91900	35,000 ft	10	GARDEN CITY
VOR	AWY-LO	-100.72500	10,668 m		
RYLIE	J154	38.33730	34,100 ft	57	-
FIX	AWY-HI	-101.82700	10,394 m		
SELLS	J154	38.82810	19,200 ft	69	-
FIX	AWY-HI	-103.17400	5,852 m		
KAPA	-	39.57010	0 ft	89	Centennial
APT	-	-104.84800	0 m		

## KPBI

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

Elevation: 19 ft / 6 m  
Location: 26.682900 -80.097000  
Magnetic Var: 7.499 W

## METAR

KPBI 190953Z 23005KT 10SM FEW049 FEW070 FEW250 28/25 A2994 RMK A02 SLP136 T02780250 \$

## TAF

TAF AMD KPBI 190833Z 1909/2006 VRB04KT P6SM FEW050 SCT250 FM191500 23008KT P6SM VCSH SCT050 BKN250 FM191800 20010

## 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	100.30		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	322.83		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	100.30		19 m
28R	LOC-ILS	IPWB	111.90 MHz	18 nm	272.80	-	19 ft
				33 km	280.30		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

## KAPA

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

Elevation: 5,884 ft / 1,793 m  
Location: 39.570100 -104.848000  
Magnetic Var: 7.460 E

## METAR

KAPA 190953Z 16012KT 10SM SCT140 BKN200 13/06 A2997 RMK A02 PK WND 16028/0905 SLP097 T01280061

## TAF

KAPA 190534Z 1906/2006 19014G22KT P6SM FEW120 SCT200 FM191700 25012KT P6SM FEW100 SCT200 FM192000 28012KT P6SM VC

## Frequencies

REC - 120.30 MHz - ATIS	COM - 122.95 MHz - UNICOM
CLD - 128.60 MHz - CLEARANCE DELIVERY	GND - 121.80 MHz - CENTENNIAL GROUND
TWR - 118.90 MHz - CENTENNIAL TOWER	APP - 132.75 MHz - DENVER APPROACH
DEP - 132.75 MHz - DENVER DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17L	100 ft	10,015 ft	177.97	ASPHALT	0 ft	200 ft
	30 m	3,053 m	170.51		0 m	61 m
35R	100 ft	10,015 ft	357.97	ASPHALT	610 ft	194 ft
	30 m	3,053 m	350.51		186 m	59 m
17R	75 ft	7,009 ft	177.98	ASPHALT	0 ft	151 ft
	23 m	2,137 m	170.52		0 m	46 m
35L	75 ft	7,009 ft	357.98	ASPHALT	0 ft	151 ft
	23 m	2,137 m	350.52		0 m	46 m
10	75 ft	4,791 ft	110.99	ASPHALT	400 ft	151 ft
	23 m	1,460 m	103.53		122 m	46 m
28	75 ft	4,791 ft	291.00	ASPHALT	171 ft	148 ft
	23 m	1,460 m	283.54		52 m	45 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35R	DME	IAPA	111.30 MHz	18 nm	-	-	5,773 ft
				33 km	-		5,773 m
35R	LOC-ILS	IAPA	111.30 MHz	18 nm	357.97	-	5,884 ft
				33 km	350.51		5,884 m
35R	GS	IAPA	111.30 MHz	10 nm	357.97	3.00	5,884 ft
				19 km	350.51		5,884 m