

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW17  CLIMB TO 2000 DIRECT PASAE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD S, RT, 355.60 INBOUND. CHART FAS OBST: 100 TREE 264756N/0804139W DISTANCE TO THLD FROM 400 HAT: 1.08 NM. WAAS CHANNEL # 53408 REFERENCE PATH ID: W17A CHART PALM BEACH INTL ASOS. LTP HAE: -20.5 M						
PHK VOR/DME		WIKIN (TF) (FO) (RNP 2.00)		355.13 / 11.07			1500								
WIKIN (IF/IAF)		SETUE (TF) (FB) (RNP 1.00)		175.58 / 6.17			1500								
SETUE (FAF)		RW17 (MAP) (TF) (FO) (RNP 0.30)		175.59 / 4.43											
RW17 (MAP)		416 MSL (CA)		175.59											
416 MSL		PASAE (DF) (FO) (RNP 1.00)					2000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 2W EPOCH YEAR: 1980					
2. HOLD N WIKIN, LT, 175.58 INBOUND, 1500 FT. IN LIEU OF PT (IAF)															
3. FAC: 175.59 FAF: SETUE DIST FAF TO MAP: 4.43 THLD: 4.43															
4. MIN. ALT: WIKIN 1500, SETUE 1500															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 1500 GS ALT AT: SETUE 1500 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR															
8. MSA FROM: RW17 2600															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	416	1 1/4	400	416	1 1/4	400	416	1 1/4	400	416	1 1/4	400			
LNAV/VNAV DA	436	1 1/2	420	436	1 1/2	420	436	1 1/2	420	436	1 1/2	420			
LNAV MDA	440	1	424	440	1	424	440	1 1/4	424	440	1 1/4	424			
CIRCLING	580	1	564	580	1	564	580	1 1/2	564	580	2	564			
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)															
CITY AND STATE PAHOKEE, FL		ELEVATION: 16 TDZE: 16 AIRPORT NAME: PALM BEACH CO GLADES		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG-A				SUP: 4 AMDT: 4 DATED 09/25/2008					

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div></div>	
APA <div>X</div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify) <div>PBI APP CON</div>					
FLIGHT CHECKED BY <i>Digitally signed by</i>					
NAME:		RUSSELL PRICE ELLIOTT		FIFO FIOG	
		Mar 08, 2017		DATE: 06/12/2008	
DEVELOPED BY <i>Digitally signed by</i>					
NAME:		SYLVAN DRAKES		FIFO AJV-5433	
		Feb 01, 2017		DATE: 01/27/2017	
APPROVED BY					
NAME:		PATRICK MULQUEEN		FIFO AJV-5430	
		<i>Digitally signed by</i> BEV L BORDY MANAGER		DATE:	
CHANGES: Mar 08, 2017					
1. ALL REFERENCES TO PHK VORTAC CHANGED TO READ PHK VOR/DME. 2. ADDED MISSED APPROACH CA LEG; SETUE TO RWY 17 MAP; RWY 17 MAP TO 416 MSL; 416 MSL TO PASAE. 3. MOST OF THE 8260-9 PART - B SUPPLEMENTAL DATA WAS AUTO-GENERATED; FILLED IN THE REST OF THE DATA.					
REASONS:					
1. TACR PROJECT. 2. MISSING ON CURRENT PROCEDURE FORMS AND TO ALLOW PROPER ARINC CODING IAW 8260.19G PARA 4-6-5D. 3. 8260.19G, PARA 8-7-1C.					
THIS DOES NOT QUALIFY AS A PERIODIC REVIEW - TACR PROJECT.					
PDF EDIT: 1/27/2017 1. REMOVED LTP HAE: -20.5 M FROM ADDITIONAL FLIGHT DATA ON FRONT OF THE 8260-3. THIS IS AUTO GENERATED FROM SIAP. THIS WAS NOT PART OF THE ORIGINAL PROCEDURE.					
03/06/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/28/17. 1. ADDITIONAL FLIGHT DATA: REMOVED 119.975 FREQ FROM PALM BEACH INTL ASOS.					



**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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NOTES, (CONT.):  
CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.  
  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VOR/DME AIRWAY RADIALS 342 CW 010.

CITY AND STATE  PAHOKEE, FL	ELEVATION: 16 AIRPORT NAME:  PALM BEACH CO GLADES	TDZE: 16	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 17, ORIG-A	SUP:
					AMDT:
					DATED: 09/25/2008

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA      OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	264725.3960N
LTP/FTP LONGITUDE	0804138.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264556.6000N
FPAP LONGITUDE	0804127.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 78EE94D7

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00048
FPAP ORTHOMETRIC HEIGHT	+00048

CITY AND STATE  
PAHOKEE, FL

ELEVATION: 16 TDZE: 16  
AIRPORT NAME:  
PALM BEACH CO GLADES

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 17, ORIG-A

SUP: **QUALITY**  
4  
AMDT: **ORIG**  
**CHECKED**  
DATED: 09/25/2008

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA      OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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## PART - A OBSTRUCTION DATA

1. APP SEGMENT				FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.		
FEEDER				PHK VOR/DME	WIKIN	1. TOWER (12-000116)	265007.00N/0803900.00W	321 (5D)	1000			1400		
						2. TERRAIN	265007.00N/0803900.00W	18 (0)		AS1500		1500		
INTERMEDIATE				WIKIN (IF/AF)	SETUE	3. AAO	265924.00N/0803857.00W	200 (4D)	500			700		
						4. OVER WATER	265924.00N/0803857.00W	0 (0)		AS1500		1500		
FINAL: LPV				SETUE	RW17	5. TREE (KPHKL020)	264755.96N/0804138.83W	100 (1B)	27:1	RA76 AC10		416/400		
FINAL: LNAV/VNAV				SETUE	RW17	5. TREE (KPHKL020)	264755.96N/0804138.83W	100 (1B)	PDA	RA76 AC10		436/420		
FINAL: LNAV				SETUE	RW17	5. TREE (KPHKL020)	264755.96N/0804138.83W	100 (1B)	250	RA76		440		
2. HOLD-IN-LIEU-OF-PT				WIKIN	P-4	6. AAO	270521.00N/0803830.00W	217 (4D)	1000			1300		
						7. TERRAIN	270521.00N/0803830.00W	17 (0)		AS1500		1500		
3. MISSED APPROACH	MAP:			DA / DA / RW17	PASAE				ASC			2000		
						8. TOWER (12-003734)	263955.74N/0803837.45W	491 (1A)	1000			1500		
	ELEV:			164/155/114		9. TERRAIN	264638.21N/0804138.27W	40 (0)		AS1500		1500		
4. CIRCLING AREA		DISTANCE	HT. ABV. ARPT.											
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	564	10. TOWER (12-000720)	264631.00N/0804124.00W	143 (4D)	300	RA76 AC50		580		
CATEGORY B	1.5 NM		450		564	10. TOWER (12-000720)	264631.00N/0804124.00W	143 (4D)	300	RA76 AC50		580		
CATEGORY C	1.7 NM		450		564	10. TOWER (12-000720)	264631.00N/0804124.00W	143 (4D)	300	RA76 AC50		580		
CATEGORY D	2.3 NM		550		564	10. TOWER (12-000720)	264631.00N/0804124.00W	143 (4D)	300	RA76 AC50		580		
CATEGORY E	4.5 NM		550											
5. MINIMUM SAFE ALTITUDES													PRIMARY NAVAID: RW17	
SECTOR	OBSTRUCTION	BRG/DIST		ELEVATION (MSL)		M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)		M S A		
360-360	TOWER (12-	041/25.7		1549 (5D)		2600								
CITY AND STATE				ELEVATION: 16			FACILITY			PROCEDURE AND AMENDMENT NO:			REGION 4	
PAHOKEE, FL				AIRPORT NAME:			RNAV			RNAV (GPS) RWY 17, ORIG-A			CASO CHECKED	
				PALM BEACH CO GLADES										

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - ALTIMETER ADJUSTMENTS IN USE.  THRESHOLD DISPLACED 100 FEET.  PRECIPITOUS TERRAIN EVALUATION COMPLETED.  BLOCK 2: KPBI-ASOS ON SERVICE A, 24 HRS. BLOCK 3: ALTIMETER SETTING: SOURCE KPBI - ASOS 24 HRS ON SERVICE A. DISTANCE KPBI 32.67 ADJUSTMENT 75.68.  ISA DEVIATION: -30C.  VGSI DATA: 2.75/43.0.  SEE ATTACHED AIRSPACE LETTER.  PARA 251, 34:1 PENETRATORS.  PARA 251, 34:1 PENTRATORS: TREE 84 MSL 264748.25N/0804140.16W PENETRATION 6.07. POLE 52 MSL 264738.65N/0804139.60W PENETRATION 2.56. TREE 46 MSL 264737.20N/0804141.62W PENETRATION 0.24. TREE 56 MSL 264737.37N/0804138.25W PENETRATION 10.74. POLE 51 MSL 264737.04N/0804141.40W PENETRATION 5.78. TREE 63 MSL 264736.61N/0804143.50W PENETRATION 18.42. FPO NOTIFIED OF PENETRATIONS.  REMOTE BACKUP ALTIMETER SOURCE NA, PALM BEACH INTL HAS REDUNDANT ALTIMETER REPORTING SOURCES.  RASS (PRESSURE PATTERN THE SAME) KPHK 15.9 MSL KPBI 19.3 MSL  LPV: INNER SURFACE = 27.03:1, OUTER SURFACE = 34:1  LNAV/VNAV: INNER SURFACE = 23.4:1, OUTER SURFACE = 34:1  TREE HEIGHT 100 FEET PER EST FPO.  PHK VOR/DME 2646.967N-08041.485W WIKIN 2657.987N-08042.966W SETUE 2651.841N-08042.195W RW17 2647.423N-08041.642W THNDR 2637.639N-08051.995W  TAA NOT DEVELOPED PER ATC.  LPV/LNAV/VNAV/LNAV INTERMEDIATE CONTROLLING OBSTACLE ARE THE SAME.  <div>QUALITY 4 CHECKED</div>															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
PBI APP CON PIE FSS ZMA ARTCC						N W S		OTHER: ASOS																	
						F A A																			
						A / C																			
SATISFACTORY ON:																				SOURCE:KPBI					
																				DISTANCE: 32.67					
																				HOURS REMOTE OPERATION: 24					
X	V	H	F	X	U	H	F	LOCATION: KPBI												ADJUSTMENT: 76					
4. MONITOR STATUS		PRIMARY NAVAID:																							
		MONITOR POINT:																							
		HRS OPTN:		CAT 1																					
				CAT 3																					
5. APPROACH & RUNWAY LIGHTING				ALS																					
				(S) SALS																					
				MALS																					
				HIRL																					
		X		MIRL 17 (PCL), 35 (PCL)																					
		X		REIL 17, 35																					
				TDZ																					
				C/LINE																					
		X	OTHER (SPECIFY) PAPI-2L 17, 35																						
6. RUNWAY MARKINGS			BASIC																						
			ALL WEATHER																						
			INSTRUMENT NPI-G 17, 35																						
7. RUNWAY VISUAL RANGE			APPROACH																						
			MIDFIELD																						
			ROLL OUT																						
8. GLIDE PATH			GP ANGLE: 3.00										ELEV RWY THRESHOLD:15.9												
			DISTANCE FROM RWY:										ELEV GP ANTENNA:												
			THRESHOLD CROSSING HEIGHT:55.0																						
9. FINAL APPROACH COURSE AIMING				X	RUNWAY THRESHOLD FT. FROM THRESHOLD																				
				X	ON CENTERLINE FT. FROM CENTERLINE																				
10. WAIVERS: NONE																									
PART D - PREPARED BY: SYLVAN DRAKES												DATE: 01/27/2017													
TITLE: AERONAUTICAL INFORMATION SPECIALIST												OFFICE: AJV-5433													