

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KPNE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PHILADELPHIA	<u>STATE</u> PA		
<u>AIRPORT ELEVATION</u> 120	<u>TDZE</u> 116	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 12/12/2013	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
WAMCA	IF	JUNIA		TF	FB	1.00	060.28	6.09	2000
JUNIA	FAF	RW6	MAP	TF	FO	0.30	060.34	5.74	
RW6	MAP	366 MSL		CA			060.34		
366 MSL		FLITS		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW6

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT FLITS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT WAMCA
3. FAC: 060.34 FAF: JUNIA DIST FAF TO MAP: 5.74 DIST FAF TO THLD: 5.74
4. MIN ALT: WAMCA 2000, JUNIA 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.61 GS ANT:
6. MIN GP INCPT: 2000 GP ALT AT FAF: JUNIA 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 56.1
8. MSA FROM: RW06 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 240.53 INBOUND.
CHART FAS OBST: 336 STACK (42-002179) 400152N/0750554W.
CHART VDP AT 1.34 NM TO RW06.
WAAS CHANNEL # 65622
REFERENCE PATH ID: W06A
CHART CIRCLING ICON.
LTP HAE: 2.3 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	366	3/4	250	366	3/4	250	366	3/4	250	366	3/4	250			
LNAV/VNAV DA	530	1 1/8	414	530	1 1/8	414	530	1 1/8	414	530	1 1/8	414			
LNAV MDA	600	1	484	600	1	484	600	1 3/8	484	600	1 3/8	484			
CIRCLING	700	1	580	700	1	580	720	1 1/2	600	780	2	660			

CHANGES - REASONS

1. CHANGED TERMINAL ROUTE DISTANCE FROM WAMCA TO JUNIA FROM 6.10 NM TO 6.09 NM - RWY THRESHOLD DISPLACED BY 498 FT, JUNIA MOVED TO KEEP 3 DEG GPA.
2. CHANGED TERMINAL ROUTE DISTANCE FROM JUNIA TO RW6 FROM 5.66 NM TO 5.74 NM - RELOCATED FAF.
3. TERMINAL ROUTES: UPDATED CA AND DF LEG FROM 490 TO 366 - IAW 8260.58B 3-5-2.
4. AMENDED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT FLITS AND HOLD." TO "CLIMB TO 2900 DIRECT FLITS AND HOLD." - LOWERED HOLDING ALTITUDE TO AVOID THE NEED OF A CLIMB AND HOLD.
5. PROFILE: LINE 3: CHANGED DISTANCE FAF TO MAP AND FAF TO THLD FROM 5.66 TO 5.74 - UPDATED RWY DISPLACED THLD AND RELOCATED FAF.
6. CHANGED "DISTANCE TO THLD FROM 374 HAT: 1.01 NM" TO "DISTANCE TO THLD FROM 250 HAT: 0.61" - IAW 8260.19I, 8-6-7.E (3).
7. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - IAW 8260.19I PARA 8-6-7.G (3).
8. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS." TO PBN REQUIREMENTS NOTE - IAW 8260.19I PARA 8-6-8.B (2).
9. AMENDED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." TO "CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - 8260.19I, 8-6-11.K (3).
10. AMENDED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 48°C (118°F)" TO " CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12°C OR ABOVE 54°C" - IAW 8260.19I PARA 8-6-9.R.
11. REMOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE ALL DA 50 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS,LNAV/VNAV ALL CATS, AND LNAV CATS C/D VISIBILITY 1/4 MILE. - RELOCATED TO THE 8260-9 FOR CONTINGENCY PURPOSES - 8260.19I, 8-6-9.F (3).
12. DELETED "CHART NOTE: VDP AND BARO-VNAV NA WHEN USING PHILADELPHIA INTL ALTIMETER SETTING." - RELOCATED TO THE 8260-9 FOR CONTINGENCY PURPOSES.
13. DELETED ADDITIONAL FLIGHT DATA "CHART 241 TREE 400357N/0750208W." AND CHANGED CHART FAS OBST: FROM "336 STACK 400152N/0750554W" TO "336 STACK (42-002179) 400152N/0750554W"- 241 OBSTACLE NO LONGER NEEDED AND OBSTACLE ID ADDED PER REVISED CRITERIA.
14. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 1.36 MILES TO RW06*" TO "CHART VDP AT 1.34 NM TO RW06". - IAW 8260.19I, 8-6-10.M.
15. REMOVED "LNAV ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
16. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - 8260.19I 8-6-10.S.
17. AMENDED LTP HAE: 0.7 M TO 2.3 M - NEW RWY THLD LOCATION/ELEVATION.
18. CHANGED LPV DA/HAT ALL CATS FROM "490/374" TO "366/250"- UPDATED CONTROLLING OBSTACLE.
19. CHANGED LNAV/VNAV DA/HAT FROM "540/424" TO "530/414" - UPDATED CONTROLLING OBSTACLE DATA.
20. INCREASED CIRCLING MDA/HAA CAT C FROM 700/580 TO 720/600; CAT D MDA/HAA FROM 700/580 TO 780/660 - NEW OBSTACLES AND NEW CIRCLING CRITERIA.
21. AMENDED LPV ALL CATS VISIBILITY FROM "1 1/4" TO "3/4" - IAW 8260.3E CH. 3 TABLE 3-3-1.
22. AMENDED LNAV/VNAV ALL CATS VISIBILITY FROM "1 1/2" TO "1 1/8" - IAW 8260.3E CH. 3 TABLE 3-3-1.
23. AMENDED LNAV CAT C VISIBILITY FROM "1 1/4" TO "1 3/8," AND CAT D VISIBILITY FROM "1 1/2" TO "1 3/8" - IAW 8260.3E CH. 3 TABLE 3-3-1.
24. PROFILE LINE 7: CHANGED TCH FROM "57.0" TO "56.1" TO ALIGN WITH VGSI - NEW AIRNAV DATA AND TARGETS EVALUATION.
25. REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" FROM NOTES - IAW 8260.19I 8-6-9.G.
26. LTP/FTP COORDINATES UPDATED FROM 400439.0200N/0750112.9300W TO 400442.2870N/0750108.1390W; LTP/FTP ELLIPSOIDAL HEIGHT UPDATED FROM +00007 TO +00023; FPAP COORDINATES UPDATED FROM 400538.2100N/0745946.1100W TO 400541.4765N/0745941.3155W; LTP ORTHOMETRIC HEIGHT UPDATED FROM +00338 TO +00354; FPAP ORTHOMETRIC HEIGHT UPDATED FROM +00338 TO+00354; CRC REMAINDER UPDATED FROM F38626AD TO 103F8674 - NEW RWY SURVEY.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZNY, PHL APP CON, AMGR

FLIGHT CHECKED BY

JEREMY R VIRT

Digitally signed by

ALLAN WILL

Nov 02, 2021

OFFICE

FPO

DATE

10/27/2021

DEVELOPED BY

ALLAN WILL (JOSHUA SAENZ)

Digitally signed by

ALLAN WILL

Nov 02, 2021

OFFICE

AJV-A423

DATE

07/16/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Nov 02, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPNE
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	400442.2870N
LTP/FTP LONGITUDE	0750108.1390W
LTP/FTP ELLIPSOIDAL HEIGHT	+00023
FPAP LATITUDE	400541.4765N
FPAP LONGITUDE	0745941.3155W
THRESHOLD CROSSING HEIGHT (TCH)	00056.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	103F8674

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00354
FPAP ORTHOMETRIC HEIGHT	+00354