

**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</u> PHILADELPHIA INTL	<u>AIRPORT ID</u> KPHL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 5	<u>CITY</u> PHILADELPHIA	<u>STATE</u> PA	
<u>AIRPORT ELEVATION</u> 36	<u>TDZE</u> 13	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 4B	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<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>
ALBEK		KUSLE		TF	FB	1.00	212.49	6.02	4700
JIIMS		BDAWK		TF	FB	1.00	315.64	7.16	3000
KUSLE	IAF	JEPUG		TF	FB	1.00	281.24	8.40	3000
BDAWK	IAF	JEPUG		TF	FB	1.00	351.15	5.00	3000
WIKAV	IAF	JEPUG		TF	FB	1.00	061.03	8.40	3000
JEPUG	IF	HARLU		TF	FB	1.00	351.12	6.09	2000
HARLU	FAF	CEMEK/2.50 NM TO RW35		TF	FB	0.30	351.09	3.57	
CEMEK/2.50 NM TO RW35		RW35	MAP	TF	FO	0.30	351.09	2.50	
RW35	MAP	436 MSL		CA			351.09		
436 MSL		WERDI		DF	FB	1.00			
WERDI		MUDNE		TF	FO	1.00	332.94	11.46	3000

MISSED APPROACH

MAP:

LP: RW35
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WERDI AND ON TRACK 332.94 TO MUDNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
23
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT JEPUG

3. FAC: 351.09

FAF: HARLU

DIST FAF TO MAP: 6.07

DIST FAF TO THLD: 6.07

4. MIN ALT: JEPUG 3000, HARLU 2000, CEMEK/2.50 NM TO RW35 900

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: RW35 2600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALBEK ON V312 NORTHEAST BOUND.
CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART: NAAS MUSTIN (ABANDONED)
HARLU TO RW35: 3.14/55
CHART CIRCLING ICON.
CHART VDP AT 1.29 NM TO RW35
WAAS CHANNEL #99721
REFERENCE PATH ID: W35A
CHART FAS OBST: 231 CRANE 395031N/0751313W.
HOLD NE, RT, 238.65 INBOUND
LTP HAE: -29 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4 NA WHEN LOCAL WEATHER NOT AVAILABLE

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	500	5500	487	500	5500	487	500	1 3/8	487	500	1 3/8	487			
LNAV MDA	500	5500	487	500	5500	487	500	1 3/8	487	500	1 3/8	487			
CIRCLING	540	1	504	600	1	564	620	1 1/2	584	720	2 1/4	684			



CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA HARLU TO RWY 35 GPA/VDA UPDATED FROM 3.15 TO 3.14- UPDATED AIRNAV DATA AND TARGETS CALCULATION.
2. UPDATED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3000 DIRECT WERDI AND ON TRACK 336.06 TO MUDNE AND HOLD TO CLIMB TO 3000 DIRECT WERDI AND ON TRACK 332.94 TO MUDNE AND HOLD- UPDATED WERDI FIX LOCATION AND TARGETS CALCULATION.
- 3 CRC REMAINDER CHANGED FROM 5EB551D7 TO 3213F40E- UPDATED AIRNAV DATA AND TARGETS CALCULATION.
4. ADDITIONAL FLIGHT DATA CHART VDP AT 1.17 NM CHANGED TO 1.29 NM TO RWY 35- UPDATED AIRNAV DATA AND TARGETS CALCULATION.
5. ADDED 20:1 IS CLEAR FOR LINE 7- IAW 8260.19H.
6. INCREASED LP AND LNAV HAT ALL CATS FROM 486 TO 487- UPDATED AIRNAV TDZE DATA.
7. REMOVED INITAL LEG CEDAR LAKE TO JEPUG AND REPLACED IT WITH FEEDER LEG FROM CEDAR LAKE TO BDAWK AND INITIAL FROM BDAWK TO JEPUG- PER FPT CHECKLIST.
8. TERMINAL ROUTES UPDATED COURSE AND DISTANCE FOR WERDI TO MUDNE SEGMENT FROM 336.06/13.76 TO 332.94/11.46- WERDI MOVED 2.40 NM NORTHWEST.
9. FPAP LAT/LONG AND CRC REMAINDER CHANGED FROM 395338.8500N/0751421.5000W, 5EB551D7 TO 395338.8565N/0751421.5040W, 3213F40E- NEW TARGETS EVALUATION AND UPDATED AIRNAV DATA.

1/9/2020:THIS IS AN UPDATED COPY OF THE FORMS DEVELOPED ON 11/01/2019.

1. DELETED TERMINAL ROUTE VCN VOR/DME TO BDAWK PER FPT REQUEST.
2. ADDED TERMINAL ROUTE JIIMS TO BDAWK WITH COURSE/DISTANCE 315.64/7.16 PER FPT REQUEST.
3. CHANGED TERMINAL ROUTE BDAWK TO JEPUG COURSE/DISTANCE FROM 354.12/5.00 TO 351.15/5.00 BECAUSE BDAWK FIX MOVED 0.26 NM EAST PER FPT REQUEST.
4. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VCN VORTAC AIRWAY RADIALS 244 CW 301.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZNY, ZDC, PHL APP CON, ATCT, AIRPORT MANAGER

FLIGHT CHECKED BY

DANIEL KIRBY

OFFICE

FICO

DATE

3/12/2020

Digitally signed by

ALLAN WILL

Mar 13, 2020

DEVELOPED BY

ALLAN WILL (MICHAEL W HARRIS)

OFFICE

AJV-A423

DATE

11/01/2019

Digitally signed by

ALLAN WILL

Mar 13, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Mar 13, 2020

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHL
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	395215.5775N
LTP/FTP LONGITUDE	0751340.1310W
LTP/FTP ELLIPSOIDAL HEIGHT	-00290
FPAP LATITUDE	395338.8565N
FPAP LONGITUDE	0751421.5040W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.14
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	3213F40E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00039
FPAP ORTHOMETRIC HEIGHT	+00039

