

**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> KHLG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WHEELING	<u>STATE</u> WV		
<u>AIRPORT ELEVATION</u> 1194	<u>TDZE</u> 1194	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 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>
WISKE		BEKSE		TF	FO	1.00	032.94	13.99	3100
BEKSE	IF/IAF	ACETE		TF	FB	1.00	213.08	5.00	3000
ACETE	FAF	RW21	MAP	TF	FO	0.30	213.04	5.54	
RW21	MAP	1700 MSL		CA			213.04		1700
1700 MSL		AIR VOR/DME		DF	FO	1.00			3100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3100 DIRECT AIR VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. UPDATED CHART NOTE: "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17°C OR ABOVE 54°C." - PER 8260.19H, 8-6-9S.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA; ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H PARA 8-6-8 B(1).
3. INCREASED CIRCLING CAT C CMDA/HAA FROM 706/1900 TO 726/1920 - NEW CONTROLLING OBSTACLE, CANCEL NOTAM FDC 9/3295.
4. FAS DATA: CRC REMAINDER UPDATED FROM 7B2306CA TO F84520B9 - LTP/FTP LONGITUDE COORDINATES UPDATE AND FPAP LATITUDE/LONGITUDE UPDATE.
5. REMOVED ADDITIONAL FLIGHT DATA: DISTANCE TO THLD FROM 250 HAT: 0.65 NM. - INFORMATION PROVIDED UNDER PROFILE LINE 5.
6. UPDATED LNAV/VNAV VISIBILITY FROM 1 5/8 SM TO 1 3/8 SM - MATCH NEW VISIBILITY TABLES.
7. CHANGED LPV ALL CATS VISIBILITY MINIMUMS FROM 1 SM TO RVR 5000. CHANGED LNAV CAT A/B VISIBILITY MINIMUMS FROM 1 SM TO RVR 5500.- MATCH NEW VISIBILITY TABLES.
8. ALTERNATE MINS ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE - 8260.19H CHANGE 1, AFS CLARIFICATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, PIT APP CON, HLG ATCT, ARPT MGR

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by
JASON KRETSCHMER
Aug 30, 2021

OFFICE
FPO

DATE
08/25/2021

DEVELOPED BY

JASON KRETSCHMER (DALLIN STRICKLAND)

Digitally signed by
JASON KRETSCHMER

OFFICE
AJV-A421

DATE
05/26/2020

APPROVED BY

MARLON ROBINSON

Jan 06, 2021
Digitally signed by
JASON KRETSCHMER
Jan 06, 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	KHLG
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	401051.2550N
LTP/FTP LONGITUDE	0803836.4645W
LTP/FTP ELLIPSOIDAL HEIGHT	+03301
FPAP LATITUDE	400931.1190N
FPAP LONGITUDE	0803927.4305W
THRESHOLD CROSSING HEIGHT (TCH)	00041.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F84520B9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03640
FPAP ORTHOMETRIC HEIGHT	+03640

