

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> WILLIAMSBURG-WHITLEY COUNTY	<u>AIRPORT ID</u> KBYL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> WILLIAMSBURG	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 1178	<u>TDZE</u> 1178	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 01/31/2019	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 113/30 CW 293/30	NOPT	113/10 CW 293/10		4200
2. 113/10 CW 293/10		LIKCI	IF/IAF	4000
3. 293/30 CW 113/30		293/10 CW 113/10		5500
4. 293/10 CW 113/10		LIKCI	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
LIKCI	IF/IAF	JUBKA		TF	FB	1.00	202.90	7.00	3100
JUBKA	FAF	NUYIV/2.80 NM TO RW20		TF	FB	0.30	202.87	3.09	
NUYIV/2.80 NM TO RW20		RW20	MAP	TF	FO	0.30	202.86	2.80	
RW20	MAP	1578 MSL		CA			202.86		
1578 MSL		ICIKO		DF	FO	1.00			4900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4900 DIRECT ICIKO AND HOLD, CONTINUE CLIMB-IN-HOLD 4900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
24
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE LIKCI, RT, 202.90 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 202.87FAF: JUBKADIST FAF TO MAP: 5.89DIST FAF TO THLD: 5.89

4. MIN ALT: LIKCI 4000, JUBKA 3100, NUYIV/2.80 NM TO RW20 2100*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:473 HAT: 1.34GS ANT:

6. MIN GP INCPT: 3100GP ALT AT FAF : JUBKA 3100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 022.80 INBOUND.
CHART FAS OBST: 1412 TREE 365058N/0841114W.
DISTANCE TO THLD FROM 473 HAT: 1.34 NM.
CHART VDP AT 1.40 NM TO RW20*
*LNAV ONLY.
WAAS CHANNEL # 70403
REFERENCE PATH ID: W20A
CHART CIRCLING ICON.
LTP HAE: 329.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1100-3, 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
LPV DA	1651	1 3/8	473	1651	1 3/8	473	1651	1 3/8	473	1651	1 3/8	473			
LNAV/VNAV DA	1670	1 5/8	492	1670	1 5/8	492	1670	1 5/8	492	1670	1 5/8	492			
LNAV MDA	1680	1	502	1680	1	502	1680	1 3/8	502	1680	1 3/8	502			
CIRCLING	1760	1	582	1860	1	682	2240	3	1062	2260	3	1082			



FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBYL
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	364807.8700N
LTP/FTP LONGITUDE	0841147.9015W
LTP/FTP ELLIPSOIDAL HEIGHT	+03293
FPAP LATITUDE	364642.9500N
FPAP LONGITUDE	0841221.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	752EE69D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03590
FPAP ORTHOMETRIC HEIGHT	+03590

