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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIKCI (IF/IAF)	JUBKA (FB)	202.90 / 7.00	3100
JUBKA (FAF)	NUYIV/2.80 NM TO RW20 (FB)	202.87 / 3.09	
NUYIV/2.80 NM TO RW20	RW20 (MAP) (FO)	202.86 / 2.80	
RW20 (MAP)	1554 MSL	202.86	
1554 MSL	ICIKO (FO)		4600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 4600 DIRECT ICIKO AND HOLD.

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)
3. FAC: 202.87 FAF: JUBKA DIST FAF TO MAP: 5.89 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: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3100 GS ALT AT: JUBKA 3100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 022.80 INBOUND.
CHART FAS OBST: 1355 TREE 364908N/0841123W
CHART 1539 TREE 365055N/0841123W.
DISTANCE TO THLD FROM 376 HATH: 1.04 NM.
CHART VDP AT 1.40 MILES TO RW20*
*LNAV ONLY.
WAAS CHANNEL # 70403
REFERENCE PATH ID: W20A
LTP HAE: 329.3 M

MAG VAR: 5W EPOCH YEAR: 2005

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	1554	1 1/4	376	1554	1 1/4	376	1554	1 1/4	376	1554	1 1/4	376			
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	1760	1	582	1760	1 1/2	582	2080	3	902			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING LONDON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 36C (96F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONDON ALTIMETER SETTING AND INCREASE ALL DA 48 FEET, ALL MDA 60 FEET, LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1178 THRE: 1178	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WILLIAMSBURG, KY	AIRPORT NAME: WILLIAMSBURG-WHITLEY COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG-B
				DATED 03/10/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X] ZID, AIRPORT MGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: MICHAEL DOJCAK	FIFO AJV-352	DATE: 01/31/2012

APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. INITIAL TERMINAL ROUTES HUDMA (IAF) TO LIKCI (IF/IAF) AND NOKYI (IAF) TO LIKCI (IF/IAF) DELETED.
2. MODIFIED TAA, LEFT AND RIGHT BASE DELETED.
3. TERMINAL ROUTE LIKCI (IF/IAF) TO JUBKA (FAF) DISTANCE INCREASED FROM 6.10 TO 7.00.
4. FAF RELOCATED TO RNP PFAF LOCATION AND DIST FAF TO MAP INCREASED FROM 5.80 TO 5.89.
5. LNAV FINAL STEPDOWN FIX NUYIV DISTANCE CHANGED FROM 2.30 TO 2.80 NM FROM RW20 AND ALTITUDE RAISED FROM 1940 TO 2100.
6. REMOVED CHART PAPI AND REIL NOTES FROM ADDITIONAL FLIGHT DATA.
7. CHART 1539 TREE 365055N/0841123W ADDED TO ADDITIONAL FLIGHT DATA.
8. ADDITIONAL FLIGHT DATA DISTANCE TO THLD CHANGED FROM 436 HAT:1.28 NM TO 376 HATH: 1.04 NM.
9. LPV DA LOWERED FROM 1614 TO 1554, VIS FROM 1 1/2 TO 1 1/4 AND HAT FROM 436 TO HATH 376 ALL CATS.
10. LNAV/VNAV MINIMUMS AND ALL REQUIRED DATA AND NOTES ADDED.
11. LNAV MINIMUMS CATS C AND D VISIBILITY LOWERED FROM 1 1/2 TO 1 3/8.
12. RAISED CATS A/B/C CIRCLING MDA FROM 1680 TO 1760, HAA FROM 502 TO 582 AND CAT D MDA FROM 1960 TO 2080 AND HAA FROM 782 TO 902.
13. ADDED INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE TO ALTIMETER SETTING CHART NOTE.

SEE 8260-10

REASONS:

1. REQUESTED BY FPT AND ATC.
2. INITIAL ROUTES AND FIXES DELETED PER FPT AND ATC REQUEST.
3. EVALUATED TO CURRENT CRITERIA.
4. EVALUATED TO CURRENT CRITERIA.
5. STEPDOWN FIX EVALUATED TO NEW FINAL LENGTH WITH CURRENT CRITERIA, OBSTACLE AND TERRAIN DATA.
6. NOT REQUIRED.
7. PER CRITERIA.
8. EVALUATED TO NEW FINAL LENGTH WITH CURRENT CRITERIA, OBSTACLE AND TERRAIN DATA.
9. EVALUATED TO CURRENT CRITERIA WITH CURRENT OBSTACLE AND TERRAIN DATA.
10. PER FPT COORDINATION AND CURRENT CRITERIA.
11. EVALUATED TO CURRENT CRITERIA.
12. EVALUATED TO CURRENT CRITERIA WITH CURRENT OBSTACLE AND TERRAIN DATA.
13. EVALUATED TO CURRENT CRITERIA.
14. LOCAL WEATHER NOT FOUND TO BE ON SERVICE A.

SEE 8260-10

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
1/4 MILE, LNAV CATS C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP NA WITH LONDON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	113/30 CW 293/30 (NOPT)	113/10 CW 293/10	4200
2.	113/10 CW 293/10	LIKCI (IF/IAF) (FB)	4000
3.	293/30 CW 113/30	293/10 CW 113/10	5500
4.	293/10 CW 113/10	LIKCI (IF/IAF) (FO)	4000

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

CHANGES CONT.
14. ALTERNATE MINIMUMS DELETED.
15. CHART NOTE VISIBILITY REDUCTION BY HELICOPTERS NA DELETED.
16. CHANGED TDZE 1178 TO THRE 1178.

REASONS:

REASONS CONT.
15. 34:1 PENETRATIONS REMOVED PER AIRPORT AND FPT.
16. PER CURRENT CRITERIA.

08/14/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/10/2012.
1. CHANGED UNCOMPENSATED LOW TEMP FROM 17C TO -17C.

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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	364807.8710N
LTP/FTP LONGITUDE	0841147.9025W
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	D89063ED

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 1178 THRE: 1178	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WILLIAMSBURG, KY	AIRPORT NAME: WILLIAMSBURG-WHITLEY COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG-B
				DATED: 03/10/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ICIKO K70    W     N36340395W084172483                      W0053     NAR           ICIKO
        SUSAEAENRT   JUBKA K50    W     N36534495W084093274                      W0054     NAR           JUBKA
        SUSAEAENRT   LIKCI K50    W     N37002489W084065192                      W0055     NAR           LIKCI
        SUSAEAENRT   NUYIV K50    W     N36504799W084104374                      W0054     NAR           NUYIV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBYLK5ABYL     0     054YHN36474200W084115830W005001178         1800018000C    MNAR    WILLIAMSBURG-WHITLEY COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBYLK5FR20   ALIKCI 010LIKCIK5EA0EE AR   HF                    20290040    + 04000     18000                A JS
        SUSAP KBYLK5FR20   R      010LIKCIK5EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KBYLK5FR20   R      020JUBKAK5EA1E  F 051TF                    20290070    + 03100                          A JS
        SUSAP KBYLK5FR20   R      020JUBKAK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KBYLK5FR20   R      021NUYIVK5EA0E S  031TF                    20290031    V 0210002114        -300         A JS
        SUSAP KBYLK5FR20   R      030RW20 K5PG0GY M 031TF                    20290028      01223             -300         A JS
        SUSAP KBYLK5FR20   R      040         0  M     CA                    2029        + 01554                          A JS
        SUSAP KBYLK5FR20   R      050ICIKOK7EA0EY      DF                                + 04600                          A JS
        SUSAP KBYLK5FR20   R      060ICIKOK7EA0EE  R   HM                    02280050    + 04600                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBYLK5GRW20    0054982029 N36480787W084114790-0400    +0329301178000045100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBYLK5PR20   RW20 001 0000W20A0N3648078710W08411479025+032930300N3646429500W084122190001067510720000450F400500D89063ED
        SUSAP KBYLK5PR20   RW20 002E      +03590+03590LPV       70403
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1178 THRE: 1178	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILLIAMSBURG, KY	AIRPORT NAME: **WILLIAMSBURG-WHITLEY COUNTY**	**RNAV**	**RNAV (GPS) RWY 20, AMDT 1**	AMDT: **ORIG-B**
				DATED: **03/10/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

QUALITY 9 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LIKCI	LIKCI	010	IAF	HF	R	FO		202.9(197.9T)	004.0	AA 04000	
		LIKCI	010	FACF	IF		FB				AA 04000	
		JUBKA	020	FAF	TF		FB	0.5	202.9(197.9T)	007.0	AA 03100	
		NUYIV	021	SDF	TF		FB	0.3	202.9(197.9T)	003.1	AA 02100 GS 02114	
		RW20	030	MAP	TF		FO	0.3	202.9(197.9T)	002.8	AT 01223	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		202.9(197.9T)		AA 01554	
	ICIKO	050		DF		FO				AA 04600	
	ICIKO	060		HM	R	FO		022.8(017.8T)	005.0	AA 04600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ICIKO	N363403.95	W0841724.83	N3634.066	W08417.414
	JUBKA	N365344.95	W0840932.74	N3653.749	W08409.546
	LIKCI	N370024.89	W0840651.92	N3700.415	W08406.865
	NUYIV	N365047.99	W0841043.74	N3650.800	W08410.729
	RW20	N364807.87	W0841147.90	N3648.131	W08411.798

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	01178	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1178 THRE: 1178	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILLIAMSBURG, KY	AIRPORT NAME: WILLIAMSBURG-WHITLEY COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG-B
				DATED: 03/10/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	113/30 CW 293/30	113/10 CW 293/10	1. TREE	364946.60N/0833054.00W	2637 (2A)	2000	MT-437	4200
			2. TERRAIN	364946.60N/0833054.00W	2537 (2500)		AS1500	4000
STRAIGHT-IN AREA	113/10 CW 293/10	LIKCI	3. AAO	370240.50N/0835240.20W	1970 (6C)	2000		4000
			4. TERRAIN	370240.50N/0835240.20W	1770 (1800)		AS1500	3300
STRAIGHT-IN AREA	293/30 CW 113/30	293/10 CW 113/10	5. AAO	363412.90N/0835009.80W	3410 (6C)	2000		5500
			6. TERRAIN	363412.90N/0835009.80W	3210 (3200)		AS1500	4700
STRAIGHT-IN AREA	293/10 CW 113/10	LIKCI	7. TREE	365109.00N/0840553.00W	2053 (4E)	2000	MT-53	4000
			8. TERRAIN	365109.00N/0840533.00W	1953 (2000)		AS1500	3500
INTERMEDIATE	LIKCI (IF/IAF)	JUBKA	9. TOWER (21-001134)	365429.06N/0840804.74W	1847 (1A)	500		2400
			10. TERRAIN	365434.00N/0840739.00W	1619 (1600)		AS1500	3100
FINAL: LPV	JUBKA	RW20	11. TREE (KW38T0065)	364849.94N/0841128.39W	1304 (2C)	34:1	AC20 MA55	1554/376
FINAL: LNAV/VNAV	JUBKA	RW20	12. TREE (KW38T0091)	364908.15N/0841123.09W	1355 (2C)	23.4:1	AC20	1670/492
FINAL: LNAV	JUBKA	NUYIV/2.80 NM TO RW20	13. AAO	365217.98N/0840920.53W	1780 (2C)	250	RA48 DG22	2100
2. HOLD-IN-LIEU-OF-PT	LIKCI		14. TOWER (21-001967)	370745.00N/0840541.00W	1696 (1A)	1000	AT1304	4000
			15. TERRAIN	370639.00N/0840247.00W	1539 (1500)		AS1500	3000
3. MISSED APPROACH — MAP:	DA / DA / RW20	ICIKO	11. TREE (KW38T0065)	364849.94N/0841128.39W	1304 (2C)	ASC		4600
			16. AAO	363230.00N/0841509.00W	2579 (2C)	1000		3600
ELEV:	1311/1509/1580		17. TERRAIN	363324.00N/0841506.00W	2299 (2300)		AS1500	3800

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	582	18. TREE	364706.00N/0841042.00W	1459 (2C)	300		1760
CATEGORY B	1.5 NM	450	582	18. TREE	364706.00N/0841042.00W	1459 (1C)	300		1760
CATEGORY C	1.7 NM	450	582	18. TREE	364706.00N/0841042.00W	1459 (2C)	300		1760
CATEGORY D	2.3 NM	550	902	19. TREE	364505.00N/0841124.00W	1779 (2C)	300		2080
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 9

CITY AND STATE	ELEVATION: 1178 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WILLIAMSBURG, KY	WILLIAMSBURG-WHITLEY COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZID ARTCC	N W S	OTHER: AWOS-3	SOURCE: KBYL / KLOZ
	F A A		DISTANCE: 0 / 18.45
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 0 / 24
X VHF X UHF HF	LOCATION: KBYL		ADJUSTMENT: 0 / 48

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 02 (PCL), 20 (PCL)
	X	REIL 02 (PCL), 20 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 02, 20

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 02, 20
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 1177.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 45.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: MICHAEL DOJCAK	DATE: 01/31/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KBYL 1177.7, KLOZ 1212.3
RA = 47.28.

SEE ATTACHED AIRSPACE LETTER.

NO HISTORICAL TEMPERATURE DATA AVAILABLE.

AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION.

LPV INTERMEDIATE OBSTACLE AND TERRAIN (DOCUMENTED):
9. TOWER (21-001134) 365429.06N/0840804.74W 1847 (1A) 500 2400
10. TERRAIN 365434.00N/0840739.00W 1619 (1600) AS1500 3100

LNAV/VNAV AND LNAV INTERMEDIATE OBSTACLE AND TERRAIN THE SAME:
20. TOWER (21-001364) 365350.00N/0840753.00W 1849 (5E) 500 AC125 2500
21. TERRAIN 365350.00N/0840753.00W 1640 (1600) AS1500 3100

LNAV MISSED APPROACH OBSTACLE:
22. AAO 364319.00N/0841245.00W 2168 (2C) ASC 4600

FPT NOTIFIED, 34:1 PENETRATIONS

100' TREES USED PER EST FPT.

LPV SURFACE 34:1
LNAV/VNAV SURFACE 23.4:1

BLOCK 2: AWOS-3 IS NOT ON SERVICE A; 24 HOUR OPERATION.

BLOCK 3: KBYL/KLOZ; DISTANCE 18.45; HOURS REMOTE OPERATION: 24 HOUR BACKUP; ADJUSTMENT: 47.28; ASOS IS ON SERVICE A.

VGSI DATA: 3.17/30.3

100' ADDED TO TERRAIN PER AFS-420 MEMO DATED MARCH 8, 2007 FOR MOUNTAINOUS REDUCTION.

PER AIRPORT CONSULTANT SURVEY STATEMENT DATED 12/27/2011 AND EASTERN FPT AND AVN-110 MANAGEMENT COORDINATION, 1399 FT TOPOGRAPHIC AREA LOCATED 364858.53N/0841122.40W WITHIN 08/20/2005 SURVEY AREA NOT EVALUATED.

QUALITY 9 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LNAV STEPDOWN	NUYIV/2.80 NM TO RW20	RW20	12. TREE (KW38T0091)	364908.15N/0841123.09W	1355 (2C)	250	MA56	1680

3. MISSED APPROACH		
	MAP:	
	ELEV:	

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WILLIAMSBURG, KY	ELEVATION: 1178 AIRPORT NAME: WILLIAMSBURG-WHITLEY COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1	ASO

QUALITY CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	N W S	OTHER:	SOURCE:
	F A A		DISTANCE:
	A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:		ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ICIKO **STATE:** TN **COUNTRY:** US

LATITUDE/LONGITUDE: 363403.95N/0841724.83W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW		WP	202.80	022.80	R		5	4600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	362723.00N/0842118.00W	2959	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2		1	KBYL	WILLIAMSBURG	KY (US)
IAP	RNAV (GPS) RWY 20		1	KBYL	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
REMOVED FAC 1 DATA.
PAT 1 CONTROLLING OBSTRUCTION ELEVATION RAISED FROM 2949 FT TO 2959 FT.
FIX USE AIRPORT IDENT UPDATED FROM KW38 TO KBYL.

DEVELOPED BY: **DATE:** 01/18/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL DOJCAK

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JUBKA **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 365344.95N/0840932.74W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
FIX COORDINATES AT RNP PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 20			KBYL	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 594.17 FT/.10 NM NORTH TO RNP PFAF LOCATION.
REMOVED FAC 1 DATA.
ADDED REMARK: FIX COORDINATES AT RNP PFAF LOCATION.
FIX USE AIRPORT IDENT UPDATED FROM KW38 TO KBYL.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL DOJCAK

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LIKCI **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 370024.89N/0840651.92W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE		WP	022.90	202.90	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001967)	370745.00N/0840541.00W	1696	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN:

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 2		1	KBYL	WILLIAMSBURG	KY (US)
IAP	RNAV (GPS) RWY 20		1	KBYL	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
FIX MOVED 6014.63 FT/.99 NM NORTH ON CENTERLINE.
REMOVED FAC 1 DATA.
PAT 1 LEG LENGTH CHANGED FROM 5 TO 4 DME AND MAX HOLDING ALTITUDE RAISED FROM 5000 FT TO 6000 FT.
PAT 1 CONTROLLING OBSTRUCTION DATA UPDATED.
HOLDING LIMITED TO ESTABLISHED PATTERN MOVED FROM REMARKS TO HOLDING RESTRICTIONS.
ADDED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FIX USE AIRPORT IDENT UPDATED FROM KW38 TO KBYL.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL DOJCAK

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NUYIV **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 365047.99N/0841043.74W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 20			KBYL	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FIX MOVED 3037.84 FT/.50 NM NORTH ON CENTERLINE.
REMOVED FAC 1 DATA.
FIX USE AIRPORT IDENT UPDATED FROM KW38 TO KBYL.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-352 **NAME:** MICHAEL DOJCAK

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY:
OTHER:

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WILLIAMSBURG** STATE: **KY**

AIRPORT NAME: **WILLIAMSBURG-WHITLEY COUNTY** ID: **KBYL**

PROCEDURE: **RNAV (GPS) RWY 20** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **4.01**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **197.87**
4. High Terrain in **FINAL** segment containing 1000' point **1535**
5. Distance from **THLD** to 1500' point **5.69**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.95**
7. True Course of **FINAL** segment containing 1500' point **197.87**
8. High Terrain in **FINAL** segment containing 1500' point **1535**
9. Threshold Coordinates (if straight-in) ... **364807.87N** / **0841147.90W**
10. ARP Coordinates ..... **364742.00N** / **0841158.30W**
11. Runway Approach End and distance furthest from ARP ..... RWY **20**
    Distance **0.45** NM
12. FAF Coordinates ..... **365344.95N** / **0840932.74W**

REMARKS: Approach/Drawing attached.

TAA: LIKCI 370024.89N-0840651.92W 30 NM

RADIO FIX AND HOLDING DATA RECORD

NAME: HUDMA **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 365755.83N/0840118.49W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	LIKCI					107.90	5.00				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	WILLIAMSBURG-WHITLEY COUNTY - RNAV (GPS) RWY 20.			KW38	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: ATL
ARTCC: ZID
ATC FACILITY:
OTHER:

CANCELLED

EFFECTIVE CONCURRENT WITH PUBLICATION OF WILLIAMSBURG-WHITLEY COUNTY RNAV (GPS) RWY 20 AMDT 1.

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: NOKYI **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 370100.49N/0841311.17W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	LIKCI					287.90	5.00				17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	WILLIAMSBURG-WHITLEY COUNTY - RNAV (GPS) RWY 20.			KW38	WILLIAMSBURG	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: ATL
ARTCC: ZID
ATC FACILITY:
OTHER:

CANCELLED

EFFECTIVE CONCURRENT WITH PUBLICATION OF WILLIAMSBURG-WHITLEY COUNTY RNAV (GPS) RWY 20 AMDT 1.

QUALITY CHECKED