US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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
HAITI/RADAR (IAF)	KIRRK/RADAR	298.38 / 3.69 (I-TUU)	3200
KIRRK/RADAR (IF)	LIVRE OM	298.38 / 7.76 (I-TUU)	2100

MISSED APPROACH

ILS: DA
LOC: 3.57 MILES AFTER LIVRE OM

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 070 AND ECB VORTAC R-051 TO CROUP INT/ECB VORTAC 31.83 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 DIRECT YRK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 231.12 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE YRK VORTAC, RT, 330.00 INBOUND.
CHART FAS OBST: 900 TREE 382147N/0823227W
1180 AAO 382051N/0822808W
CHART: ASR.
CHART IN PLANVIEW: YRK VORTAC.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KIRRK
3. FAC: 298.38 FAF: LIVRE OM DIST FAF TO MAP: 3.57 THLD: 3.57
4. MIN. ALT: KIRRK RADAR 3200, LIVRE OM 2100
5. DIST TO THLD FROM OM: 3.57 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 942
6. MIN GS INCPT: 2100 GS ALT AT: - OM: 2028 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.2
8. MSA FROM: ECB VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD LOC: STANDARD

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
S-ILS 30	1028	3/4	200	1028	3/4	200	1028	3/4	200	1028	3/4	200			
S-LOC 30	1160	1	332	1160	1	332	1160	1	332	1160	1	332			
CIRCLING	1340	1	512	1340	1	512	1340	1 1/2	512	1420	2	592			

NOTES:
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAITI ON V4 EASTBOUND.

QUALITY A

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED 06/30/2011

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]	[X]	[X]	[X] **ZID, HTS APP CON, HTS ATCT, APT MGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **DONALD E. SMITH (SHAWN REDDINGER)**	FIFO **AJV-352**	DATE: **02/17/2012**
APPROVED BY		
NAME: **DARRYEL ADAMS** **MANAGER**	FIFO **AJV-352**	DATE:

CHANGES:

1. DISTANCE HAITI TO KIRRK CHANGED FROM 4.33 TO 3.69.
2. DISTANCE KIRRK TO LIVRE OM CHANGED FROM 7.12 TO 7.76.
3. ALT MISSED CHANGED FROM CLIMB TO 1300 THEN... TO CLIMB TO 1700 THEN...
4. TCH CHANGED FROM 50.0 TO 50.2.
5. OM ALT CHANGED FROM 2027 TO 2028.
6. REMOVED CHART 849 TREE 382157N/0823254W.
7. S-ILS 30 MINS CHANGED FROM DA 1078 HAT 250 VIS 1 ALLCATS TO DA 1028 HATH 200 VIS 3/4 ALL CATS.
8. DELETED CHART NOTE: RADAR REQUIRED.
9. DELETED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

REASONS:

1,2. LOCATION OF KIRRK ADJUSTED SO IT COULD SERVE AS THE IF FOR THE ILS/LOC RWY 30 AND RNAV (GPS) RWY 30.
3. ATC REQUEST.
4,5. UPDATED ILS DATA USED.
6,7. TREE REMOVAL AND NEW SURVEY.
8. RADAR NOT REQUIRED TO COMPLETE APPROACH, ONLY FOR PROCEDURE ENTRY.
9. 34:1/20:1 PENETRATIONS REMOVED.

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ECB   K5011040VTL  N38093011W082543620    N38093011W082543620W0020010701     NARNEWCOMBE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CROUP K50    C   L N38301739W082235645                      W0070     NAR           CROUP
        SUSAEAENRT   HAITI K60    C   L N38161014W082152392                      W0071     NAR           HAITI
        SUSAEAENRT   KIRRK K60    C     N38173571W082194357                      W0070     NAR           KIRRK
        SUSAEAENRT   LIVRE K60    R     N38203350W082285035                      W0069     NAR           LIVRE OM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6AHTS     0     070YHN38220093W082333115W006000828         1800018000C    MNAR    TRI-STATE/MILTON J. FERGUSON F

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6FI30   AHAITI 010HAITIK6EA0E  A    IF                                          18000                 0 NS
        SUSAP KHTSK6FI30   AHAITI 020KIRRKK6EA0EE B    CF ITUUK6      1183012629840037PI  + 03200                          0 NS
        SUSAP KHTSK6FI30   I      010KIRRKK6EA0E  I    IF ITUUK6      11830126        PI  J 032000210018000                0 NS
        SUSAP KHTSK6FI30   I      020LIVREK6EA0E  F    CF ITUUK6      1184004829800078PI  H 0210002028        -300ECB   K5D 0 NS
        SUSAP KHTSK6FI30   I      030RW30 K6PG0GY M    CF ITUUK6      1184001329800036PI    00878             -300          0 NS
        SUSAP KHTSK6FI30   I      040         0  M     CA                     2984        + 01700                          0 NS
        SUSAP KHTSK6FI30   I      050         0    R   VIY                    0700                                         0 NS
        SUSAP KHTSK6FI30   I      060CROUPK5EA0EY      CF ECB K5      0511031805110030D   + 03100                          0 NS
        SUSAP KHTSK6FI30   I      070CROUPK5EA0EE  R   HM                     2311T010    + 03100                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6GRW30    0070162984 N38215530W082330235+0000    +0219300828050050150IITUU1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6IITUU1   010870RW30 N38222415W0823431362984N38220118W0823312061150 09420522300W00605000826

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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QUALITY CHECKED 7

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED: 06/30/2011

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:

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SUSAP KHTSK6SECB K5D 0 18018003025 M

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED: 06/30/2011

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:

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 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HAITI	HAITI	010	IAF	IF		FB					
	HAITI	KIRRK	020		CF		FB		298.4()	003.7	AA 03200	
		KIRRK	010	FACF	IF		FB				AA 03200 GI 02100	
		LIVRE	020	FAF	CF		FB		298.0()	007.8	GI 02100 GS 02028	
		RW30	030	MAP	CF		FO		298.0()	003.6	AT 00878	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		298.4()		AA 01700	
		050		VI	R	FB		070.0()			
	CROUP	060		CF		FO		051.1()	003.0	AA 03100	
	CROUP	070		HM	R	FO		231.1()	T01.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ECB	N380930.11	W0825436.20	N3809.502	W08254.603
	CROUP	N383017.39	W0822356.45	N3830.290	W08223.941
	HAITI	N381610.14	W0821523.92	N3816.169	W08215.399
	KIRRK	N381735.71	W0821943.57	N3817.595	W08219.726
	LIVRE	N382033.50	W0822850.35	N3820.558	W08228.839
	RW30	N382155.30	W0823302.35	N3821.922	W08233.039
	ITUU (LOC)	N382224.15	W0823431.36	N3822.403	W08234.523

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00828	50

QUALITY CHECKED 7

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED: 06/30/2011

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ECB   K5011040VTL  N38093011W082543620    N38093011W082543620W0020010701     NARNEWCOMBE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CROUP K50    C   L N38301739W082235645                      W0070     NAR           CROUP
        SUSAEAENRT   HAITI K60    C   L N38161014W082152392                      W0071     NAR           HAITI
        SUSAEAENRT   KIRRK K60    C     N38173571W082194357                      W0070     NAR           KIRRK
        SUSAEAENRT   LIVRE K60    R     N38203350W082285035                      W0069     NAR           LIVRE OM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6AHTS     0     070YHN38220093W082333115W006000828         1800018000C    MNAR    TRI-STATE/MILTON J. FERGUSON F

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6FL30   AHAITI 010HAITIK6EA0E  A    IF                                                18000                 0 NS
        SUSAP KHTSK6FL30   AHAITI 020KIRRKK6EA0EE B    CF ITUUK6      1183012629840037PI  + 03200                                0 NS
        SUSAP KHTSK6FL30   L      010KIRRKK6EA0E  I    IF ITUUK6      11830126        PI  + 03200     18000                  0 NS
        SUSAP KHTSK6FL30   L      020LIVREK6EA0E  F    CF ITUUK6      1184004829800078PI  + 02100                ECB   K5D 0 NS
        SUSAP KHTSK6FL30   L      030RW30 K6PG0GY M    CF ITUUK6      1184001329800036PI    00878            -323          0 NS
        SUSAP KHTSK6FL30   L      040         0  M     CA                      2984        + 01700                          0 NS
        SUSAP KHTSK6FL30   L      050         0    R   VIY                     0700                                         0 NS
        SUSAP KHTSK6FL30   L      060CROUPK5EA0EY      CF ECB K5      0511031805110030D   + 03100                          0 NS
        SUSAP KHTSK6FL30   L      070CROUPK5EA0EE  R   HM                      2311T010    + 03100                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6GRW30    0070162984 N38215530W082330235+0000    +0219300828050050150IITUU1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHTSK6IITUU1   010870RW30 N38222415W0823431362984N38220118W0823312061150 09420522300W00605000826

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
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QUALITY CHECKED 7

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: **TRI-STATE/MILTON J. FERGUSON FIELD**	**I-TUU**	**ILS OR LOC RWY 30, AMDT 7**	AMDT: **6**
				DATED: **06/30/2011**

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:

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SUSAP KHTSK6SECB K5D 0 18018003025 M

QUALITY CHECKED 7

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED: 06/30/2011

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HAITI	HAITI	010	IAF	IF		FB					
	HAITI	KIRRK	020		CF		FB		298.4()	003.7	AA 03200	
		KIRRK	010	FACF	IF		FB				AA 03200	
		LIVRE	020	FAF	CF		FB		298.0()	007.8	AA 02100	
		RW30	030	MAP	CF		FO		298.0()	003.6	AT 00878	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		298.4()		AA 01700	
		050		VI	R	FB		070.0()			
	CROUP	060		CF		FO		051.1()	003.0	AA 03100	
	CROUP	070		HM	R	FO		231.1()	T01.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ECB	N380930.11	W0825436.20	N3809.502	W08254.603
	CROUP	N383017.39	W0822356.45	N3830.290	W08223.941
	HAITI	N381610.14	W0821523.92	N3816.169	W08215.399
	KIRRK	N381735.71	W0821943.57	N3817.595	W08219.726
	LIVRE	N382033.50	W0822850.35	N3820.558	W08228.839
	RW30	N382155.30	W0823302.35	N3821.922	W08233.039
	ITUU (LOC)	N382224.15	W0823431.36	N3822.403	W08234.523

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00828	50

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 828 THRE: 828	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HUNTINGTON, WV	AIRPORT NAME: TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AMDT: 6
				DATED: 06/30/2011

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:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INITIAL	HAITI RADAR	KIRRK RADAR	1. TOWER (54-020210)	381843.61N/0821342.09W	1433 (1A)	1000	AT767	3200
			2. TERRAIN	381248.00N/0821754.00W	1188 (1200)		AS1500	2700
INTERMEDIATE	KIRRK RADAR	LIVRE OM	3. AAO	381533.00N/0822024.00W	1316 (4E)	500	AC98	2000
			4. TERRAIN	382100.70N/0822117.20W	1076 (1100)		AS1000	2100
FINAL: ILS	GS INTCP	RW30				ASC		1028/200
FINAL: LOC	LIVRE OM	3.57 MILES AFTER LIVRE OM	5. TREE (KHTST0097)	382146.98N/0823227.30W	900 (2C)	250		1160
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / 3.57 MILES AFTER LIVRE OM	CROUP INT/ECB 31.83 DME				ASC		3100
			6. TOWER (21-000847)	382314.00N/0823945.00W	1502 (1A)	1000		2600
ELEV:	863/910		7. TERRAIN	383257.00N/0823239.00W	1041 (1000)		AS1500	2500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	512	10. T-L TOWER	382044.78N/0823212.98W	1036 (1A)	300		1340
CATEGORY B	1.5 NM	450	512	10. T-L TOWER	382044.78N/0823212.98W	1036 (1A)	300		1340
CATEGORY C	1.7 NM	450	512	10. T-L TOWER	382044.78N/0823212.98W	1036 (1A)	300		1340
CATEGORY D	2.3 NM	550	592	11. TANK (54-000788)	382237.00N/0823057.00W	1065 (4D)	300	AC50	1420
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ECB VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (21-000217)	275/ 23.4	1996 (2C)	3000					

VALID 4 CHECKED

CITY AND STATE	ELEVATION: 828 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
HUNTINGTON, WV	TRI-STATE/MILTON J. FERGUSON FIELD	I-TUU	ILS OR LOC RWY 30, AMDT 7	AEA

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZID ARTCC HTS FSS HTS TOWER	[ ] N W S [ ] F A A [ ] A / C OTHER: ASOS	SOURCE: KHTS DISTANCE: HOURS REMOTE OPERATION:
SATISFACTORY ON: [X] V H F [X] U H F [ ] H F	LOCATION: KHTS	ADJUSTMENT: 0

4. MONITOR STATUS

PRIMARY NAVAID:	I-TUU
MONITOR POINT:	HTS ATCT
HRS OPTN: CAT 1	24
HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING

	ALS
	(S) SALS
X	MALSR 12
X	HIRL 12, 30
	MIRL
X	REIL 30
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4R 12 PAPI-4L 30

6. RUNWAY MARKINGS

BASIC	
ALL WEATHER	PIR-G 12, 30
INSTRUMENT	

7. RUNWAY VISUAL RANGE

APPROACH	12
MIDFIELD	
ROLL OUT	

8. GLIDE PATH

GP ANGLE: 3.00	ELEV RWY THRESHOLD: 827.8
DISTANCE FROM RWY: 942	ELEV GP ANTENNA: 828.6
	THRESHOLD CROSSING HEIGHT: 50.2

9. FINAL APPROACH COURSE AIMING

X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD E. SMITH (SHAWN REDDINGER)	DATE: 02/17/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 1180 AAO 382051N/0822808W

KHTS ASOS IS ON SERVICE-A.
VGSI DATA: 3.00/49.3 TCH.

SEE ATTACHED AIRSPACE LETTER.

OBSTACLE 1 (54-020210) ASSIGNED 1A ACCURACY CODE FROM OE/AAA CASE STUDY 2008-AEA-2228-OE.

OBSTACLE 12 1065' TANK (54-000788) ASSIGNED 4D ACCURACY CODE FROM PRIOR PROCEDURE AND OE CASE STUDY 1997-AEA-1181-OE.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 4000
8. TOWER (21-000847) 382314.00N/0823945.00W 1502 (1A) 1000 2600
9. TERRAIN 383406.00N/0830145.00W 1096 (1100) AS1500 2600

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HAITI **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 381610.14N/0821523.92W **TYPE:** WP, RADAR, INT

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HUNTINGTON	I-TUU	LOC		118.38	112.38		16.29		3000	17500
2	CHARLESTON	HVQ	VORTAC	H	261.34	258.34		23.48		3000	17500
3	HENDERSON	HNN	VORTAC	H	203.56	200.56		31.01		3000	17500

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	HVQ	VORTAC	261.34	261.34	L	1-1 1/2		3000	17500	6	18
2	NE	HNN	VORTAC	203.56	203.56	L	1		3000	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (54-000686)	381752.30N/0820720.08W	1555	1A
2	200	TOWER (54-000686)	381752.30N/0820720.08W	1555	1A

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
CHARLESTON (FAC 2) AND HENDERSON (FAC 3) USED TO ESTABLISH FIX COORDINATES
PATTERN 1 ATC USE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V4	2, 3				
IAP	ILS OR LOC RWY 30	1		KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 30			KHTS	HUNTINGTON	WV (US)
IAP	VOR-A	2, 3	2	K12V	MILTON	WV (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
ADDED FACILITIES USED FOR FIX MAKE UP COORDINATES REMARK.

DEVELOPED BY: **DATE:** 04/05/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (SHAWN REDDINGER)

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: CRW APP CON
OTHER: HTS APP CON

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIRRK **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 381735.71N/0821943.57W **TYPE:** WP, RADAR

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	HUNTINGTON	I-TUU	LOC		118.38	112.38		12.59		3200	5300

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 30	1		KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 30			KHTS	HUNTINGTON	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
MOVED FIX 3858.88 FEET SE AND UPDATED LAT/LONGS.

DEVELOPED BY: **DATE:** 02/02/2012 **OFFICE:** AJV-352 **NAME:** DONALD SMITH (SHAWN REDDINGER)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: HTS APP CON, HTS ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CHARLESTON VORTAC **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 382058.84N/0814611.68W **TYPE:**

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

Info Only

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHARLESTON	HVQ	VORTAC	H							45000

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	W	HVQ	VORTAC	261.00	081.00	R	1		3000	10000	6	9
2	W	HVQ	VORTAC	263.53	083.53	R	1		3000	10000	6	9
3	W		WP	261.00	081.00	R		6	3000	10000	7	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	265	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
1	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
2	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D
3	230	TOWER (54-000005)	382428.00N/0815412.00W	2549	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000.
PRECIPITOUS TERRAIN EVALUATION COMPLETED
CONTROLLING OBSTACLE LOCATED IN SECONDARY AREA (ALL PATTERNS)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	RHOMM			KCVG	COVINGTON	KY (US)
DP	FEDRA (RNAV)			KSDF	LOUISVILLE	KY (US)
EN ROUTE	J145					(US)
EN ROUTE	J24					(US)
EN ROUTE	J6					(US)
EN ROUTE	J78					(US)
EN ROUTE	J8					(US)
EN ROUTE	J85					(US)
EN ROUTE	V115					(US)
EN ROUTE	V128					(US)
EN ROUTE	V133					(US)
EN ROUTE	V258					(US)
EN ROUTE	V260					(US)
EN ROUTE	V309					(US)
EN ROUTE	V35					(US)
EN ROUTE	V4					(US)
EN ROUTE	V45					(US)
IAP	HI-ILS OR LOC RWY 23L			KLCK	COLUMBUS	OH (US)
IAP	HI-ILS OR LOC/DME RWY 5R			KLCK	COLUMBUS	OH (US)
IAP	ILS OR LOC RWY 19 (ALT MA)		1	KBKW	BECKLEY	WV (US)
IAP	ILS OR LOC RWY 23		1	KCRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 5		1	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) RWY 23		3	KCRW	CHARLESTON	WV (US)
IAP	RNAV (GPS) RWY 5			KCRW	CHARLESTON	WV (US)
IAP	VOR-A		2	KCRW	CHARLESTON	WV (US)
IAP	ILS OR LOC RWY 30			KHTS	HUNTINGTON	WV (US)
IAP	VOR-A			K12V	MILTON	WV (US)
IAP	GPS RWY 8			KI16	PINEVILLE	WV (US)
STAR	ELDEE (RNAV)			KDCA	WASHINGTON	DC (US)
STAR	WZRRD			KDCA	WASHINGTON	DC (US)
STAR	ROYIL			KIAD	WASHINGTON	DC (US)
STAR	SHNON (RNAV)			KIAD	WASHINGTON	DC (US)
STAR	PECHY (RNAV)			KATL	ATLANTA	GA (US)
STAR	GEMNI			KDTW	DETROIT	MI (US)
STAR	JOHNS (RNAV)			KCLT	CHARLOTTE	NC (US)
STAR	SHINE			KCLT	CHARLOTTE	NC (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

QUALITY CHECKED

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 04/08/2010

REASON FOR REVISION:
UPDATE TO NEW FORMAT
UPDATE LAT/LON FACILITY MOVED EAST 0.80FT DUE TO NEW SURVEY DATA
UPDATE FIX USE
CHANGE PAT 1 AND 2 HOLDING SPEED FROM 200 TO 230 (KCRW MIL HOLDING)

DEVELOPED BY: **DATE:** 06/30/2009 **OFFICE:** AVN-110 **NAME:** TONY LAWSON

APPROVED BY: **DATE:** 02/09/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: CRW APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

Info Only

NAME: CROUP **STATE:** OH **COUNTRY:** US

LATITUDE/LONGITUDE: 383017.39N/0822356.45W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	NEWCOMBE	ECB	VORTAC	L	051.12	049.12	31.83	31.83		2800	17500
2	CHARLESTON	HVQ	VORTAC	H	290.60	287.60		31.09		3100	17500
3	YORK	YRK	VORTAC	L	111.85	106.85		28.51		3300	17500
4	HENDERSON	HNN	VORTAC	H	232.67	229.67	23.03	23.03		5500	17500

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

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	055.67	235.67	R		4	3000	17500	5	17
2	NE	ECB	VORTAC	051.12	231.12	R	1-1 1/2		3100	17500	6	18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-004392)	383321.01N/0821935.97W	1311	4D
2	200	TOWER (39-004392)	383321.01N/0821935.97W	1311	4D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V119	1, 2, 3, 4				(US)
EN ROUTE	V128	1, 2, 3, 4				(US)
IAP	ILS OR LOC RWY 12	1, 2, 3	2	KHTS	HUNTINGTON	WV (US)
IAP	ILS OR LOC RWY 30	1, 2, 3	2	KHTS	HUNTINGTON	WV (US)
IAP	RADAR-1	1, 2		KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 12		1	KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 30		1	KHTS	HUNTINGTON	WV (US)

REQUIRED CHARTING: MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
ADDED FACILITY 1 NEWCOMBE (ECB) VORTAC.
ADDED HOLDING PATTERN 2 AND CONTROLLING OBSTACLE.
UPDATED FIX USE.
INCREASED MRA FOR HNN VORTAC FROM 2800 TO 5500.
DELETED HOLDING PATTERN AT HNN VORTAC DUE TO FACILITY RESTRICTIONS.
UPDATED FIX MAKE-UP FACILITIES ORDER.

DEVELOPED BY: **DATE:** 05/20/2011 **OFFICE:** AJV-352 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** 05/26/2011 **OFFICE:** AJV-352 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: HTS APP CON & TWR
OTHER: EASTERN FPO

QUALITY CHECKED 1

RADIO FIX AND HOLDING DATA RECORD

NAME: LIVRE OM **STATE:** WV **COUNTRY:** US

LATITUDE/LONGITUDE: 382033.50N/0822850.35W **TYPE:**

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

Info Only

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	LIVRE	TU	OM		208.44	202.44		0.03		2100	5400
2	HUNTINGTON	I-TUU	LOC		118.38	112.38		4.84	29379	2100	5400

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE LIVRE OM.
ACTUAL FACILITY LOCATION IS 382035.35N/0822849.38W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 30	1, 2		KHTS	HUNTINGTON	WV (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 06/30/2011

DEVELOPED BY: **DATE:** 03/03/2011 **OFFICE:** AVN-110 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

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

QUALITY CHECKED 9

RADIO FIX AND HOLDING DATA RECORD

NAME: NEWCOMBE VORTAC **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 380930.11N/0825436.20W **TYPE:**

Info Only

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	NEWCOMBE	ECB	VORTAC	L							17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ECB	VORTAC	R-286	28	18000	23000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	ECB	VORTAC	106.00	286.00	L	1-1 1/2		3000	23000	4	19
2	S	ECB	VORTAC	165.00	345.00	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	380815.00N/0830006.00W	1382	4E
2	200	TOWER (21-000547)	380701.00N/0824800.00W	1365	4D

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V-119					(US)
EN ROUTE	V-331					(US)
EN ROUTE	V-4					(US)
EN ROUTE	V-478					(US)
IAP	VOR RWY 10			KDWU	ASHLAND	KY (US)
IAP	ILS OR LOC/DME RWY 27		2	KPBX	PIKEVILLE	KY (US)
IAP	VOR/DME-A			KK22	PRESTONSBURG	KY (US)
IAP	ILS OR LOC RWY 12		1	KHTS	HUNTINGTON	WV (US)
IAP	ILS OR LOC RWY 30			KHTS	HUNTINGTON	WV (US)
IAP	RADAR-1		1	KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 30			KHTS	HUNTINGTON	WV (US)
STAR	BRUSH		1	KCVG	COVINGTON	KY (US)
STAR	GAVNN (RNAV)		1	KCVG	COVINGTON	KY (US)
STAR	HARDU		1	KCVG	COVINGTON	KY (US)
STAR	JAKIE		1	KCVG	COVINGTON	KY (US)
STAR	JAVIT		1	KCVG	COVINGTON	KY (US)
STAR	BRUSH		1	KK62	FALMOUTH	KY (US)
STAR	JAVIT		1	KK62	FALMOUTH	KY (US)
STAR	BRUSH		1	KI69	BATAVIA	OH (US)
STAR	JAVIT		1	KI69	BATAVIA	OH (US)
STAR	BRUSH		1	KISZ	CINCINNATI	OH (US)
STAR	JAVIT		1	KISZ	CINCINNATI	OH (US)
STAR	BRUSH		1	KLUK	CINCINNATI	OH (US)
STAR	JAVIT		1	KLUK	CINCINNATI	OH (US)
STAR	BRUSH		1	KHAO	HAMILTON	OH (US)
STAR	JAVIT		1	KHAO	HAMILTON	OH (US)

REQUIRED CHARTING: STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 10/22/2009

REASON FOR REVISION:
ADDED HOLDING PATTERN 2.
UPDATED FIX USE. ADDED KPBX ILS OR LOC/DME RWY 27.

QUALITY CHECKED

DEVELOPED BY:	**DATE:** 01/05/2009	**OFFICE:** AVN-110	**NAME:** PETER GETZ (GEORGE TRAMMELL)
APPROVED BY:	**DATE:** 08/20/2009	**OFFICE:** AVN-110	**NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: HTS APP CON & TOWER
OTHER:

QUALITY 1 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YORK VORTAC **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 383838.88N/0825842.02W **TYPE:**

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

Info Only

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	YORK	YRK	VORTAC	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SW	YRK	VORTAC	213.00	033.00	R	1		3300	6000	4	5
2	NW	YRK	VORTAC	301.00	121.00	R	1		3300	6000	4	5
3	SE	YRK	VORTAC	150.00	330.00	R	1		4000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-002199)	384059.94N/0830045.36W	2280	2C
2	200	TOWER (21-002199)	384059.94N/0830045.36W	2280	2C
3	200	TOWER (21-002199)	384059.94N/0830045.36W	2280	2C

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	RHOMM			KCVG	COVINGTON	KY (US)
DP	LOCKBOURNE			KLCK	COLUMBUS	OH (US)
EN ROUTE	V128					(US)
EN ROUTE	V174					(US)
EN ROUTE	V44					(US)
EN ROUTE	V493					(US)
IAP	VOR RWY 10		2	KDWU	ASHLAND	KY (US)
IAP	LOC RWY 25			KFGX	FLEMINGSBURG	KY (US)
IAP	NDB OR GPS RWY 23			KHOC	HILLSBORO	OH (US)
IAP	VOR/DME-A			KI43	JACKSON	OH (US)
IAP	VOR/DME-A		1	KPMH	PORTSMOUTH	OH (US)
IAP	NDB RWY 25			KEOP	WAVERLY	OH (US)
IAP	RNAV (GPS) RWY 7			KEOP	WAVERLY	OH (US)
IAP	NDB RWY 23			KAMT	WEST UNION	OH (US)
IAP	RNAV (GPS) RWY 23			KAMT	WEST UNION	OH (US)
IAP	ILS OR LOC RWY 12			KHTS	HUNTINGTON	WV (US)
IAP	ILS OR LOC RWY 30		3	KHTS	HUNTINGTON	WV (US)
IAP	RNAV (GPS) RWY 12			KHTS	HUNTINGTON	WV (US)

REQUIRED CHARTING: DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 06/30/2011

REASON FOR REVISION:
ADDED HOLDING PATTERN 3 AND ALL INFORMATION.
UPDATED FIX USE.
ADDED PRECIPITOUS TERRAIN EVALUATION.

DEVELOPED BY: **DATE:** 03/29/2011 **OFFICE:** AVN-110 **NAME:** FRANK JACKSON

APPROVED BY: **DATE:** **OFFICE:** AVN-110 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: HTS APP CON
OTHER: HTS ATCT

QUALITY CHECKED 9

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **HUNTINGTON** STATE: **WV**

AIRPORT NAME: **TRI-STATE / MILTON J. FERGUSON FIELD** ID: **KHTS**

PROCEDURE: **ILS or LOC RWY 30** AMDT: **7**

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 **FAF** to 1000' point **5.57**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **INTERMEDIATE** segment at 1000' point **6.02**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **INTERMEDIATE** segment containing 1000' point **292.47**
4. High Terrain in **INTERMEDIATE** segment containing 1000' point **1106**
5. Distance from **FAF** to 1500' point **6.57**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **INTERMEDIATE** segment at 1500' point **6.02**
7. True Course of **INTERMEDIATE** segment containing 1500' point **292.47**
8. High Terrain in **INTERMEDIATE** segment containing 1500' point **1106**
9. Threshold Coordinates (if straight-in) ... **382153.42N** / **0823256.55W**
10. ARP Coordinates ..... **382200.93N** / **0823331.15W**
11. Runway Approach End and distance furthest from ARP ..... RWY **12**
    Distance **0.69** NM
12. FAF Coordinates ..... **382033.50N** / **0822850.35W**

REMARKS: Approach/Drawing attached.