

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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> KHTS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 10	<u>CITY</u> HUNTINGTON	<u>STATE</u> WV		
<u>AIRPORT ELEVATION</u> 828	<u>TDZE</u> 828	<u>SUPERSEDED</u> ILS OR LOC RWY 30	<u>ORIGINAL/AMENDMENT</u> 9	<u>DATED</u> 07/14/2022	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-TUU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
HAITI/I-TUU 16.29 DME/RADAR	IAF	KIRRK/I-TUU 12.60 DME					298.39	3.69 (I-TUU)	3600
KIRRK/I-TUU 12.60 DME	IF	HIBTI/I-TUU 5.10 DME					298.39	7.50 (I-TUU)	2100

MISSED APPROACH

MAP:

ILS: DA
LOC: 3.84 NM AFTER HIBTI/I-TUU 5.10 DME OR AT I-TUU 1.34 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 HEADING 055 AND ON HVQ VOR/DME R-284 TO MILLK/HVQ 33.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT HAITI
3. FAC: 298.39 FAF: HIBTI/I-TUU 5.10 DME DIST FAF TO MAP: 3.84 DIST FAF TO THLD: 3.84
4. MIN ALT: HAITI/I-TUU 16.29 DME/RADAR 3600, KIRRK/I-TUU 12.60 DME 3600, HIBTI/I-TUU 5.10 DME 2100
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 938
6. MIN GS INCPT: 2100 GS ALT AT PFAF: HIBTI/I-TUU 5.10 DME 2100 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 50.2
8. MSA FROM: ARP KHTS 3300

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT HAITI.



NOTES:**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 283.54 INBOUND.
CHART FAS OBST: 966 TOWER (54-021494) 382055N/0823009W.
1179 AAO 382050N/0822809W.
CHART VDP AT 2.33 DME.
DISTANCE VDP TO THLD 1.07 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 1000-3

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
S-ILS 30	1028	3/4	200	1028	3/4	200	1028	3/4	200	1028	3/4	200			
S-LOC 30	1220	1	392	1220	1	392	1220	1 1/8	392	1220	1 1/8	392			
CIRCLING	1300	1	472	1380	1	552	1520	2	692	1740	3	912			

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FROM "HAITI/RADAR" TO "HAITI/I-TUU 16.29 DME/RADAR" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
2. TERMINAL ROUTES: CHANGED FROM "KIRRK/RADAR" TO "KIRRK/I-TUU 12.60 DME" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
3. TERMINAL ROUTES: CHANGED FROM "LIVRE OM/RADAR" TO "HIBTI/I-TUU 5.10 DME" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
4. TERMINAL ROUTES: CHANGED "KIRRK/I-TUU 12.60 DME TO HIBTI/I-TUU 5.10 DME" SEGMENT DISTANCE FROM 7.76 TO 7.50 - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, FAF RELOCATED TO HIBTI.
5. CHANGED MAP FOR LOC FROM "3.57 NM AFTER LIVRE OM/RADAR" TO "3.84 NM AFTER HIBTI/I-TUU 5.10 DME OR AT I-TUU 1.34 DME" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
6. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT CROUP AND HOLD" TO "CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 HEADING 055 AND ON HVQ VOR/DME R-284 TO MILLK/HVQ 33.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" - PER IFP/ATC CHECKLIST REQUEST.
7. PROFILE LINE 3: CHANGED FAF FROM "LIVRE OM/RADAR" TO "HIBTI/I-TUU 5.10 DME" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
8. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST GFAF TO THLD FROM 3.57 TO 3.84 - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, FAF RELOCATED TO HIBTI.
9. PROFILE LINE 4: CHANGED FROM "HAITI/RADAR 3600, KIRRK/RADAR 3600, LIVRE OM/RADAR 2100" TO "HAITI/I-TUU 16.29 DME/RADAR 3600, KIRRK/I-TUU 12.60 DME 3600, HIBTI/I-TUU 5.10 DME 2100" - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU, FAF RELOCATED TO HIBTI.
10. PROFILE LINE 5: REMOVED "DIST TO THLD FROM OM: 3.57" - FAF RELOCATED TO HIBTI.
11. PROFILE LINE 6: REMOVED "OM: 2017" AND ADDED "GS ALT AT PFAF: HIBTI/I-TUU 5.10 DME 2100"- FAF RELOCATED TO HIBTI, ILS AND LOC FAF COLLOCATED.
12. REPLACED "RNAV 1-GPS REQUIRED" AND "RADAR REQUIRED" WITH "DME REQUIRED" AND "RADAR REQUIRED FOR PROCEDURE ENTRY AT HAITI" IN PBN REQUIREMENTS NOTES - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
13. CHANGED 7:1 EXCLUDED OBSTACLE FROM "1160 AAO 382111N/0822827W" TO "1179 AAO 382050N/0822809W" IN ADDITIONAL FLIGHT DATA - NEW TERRAIN EVALUATION.
14. ADDED "CHART VDP AT 2.33 DME" AND "DISTANCE VDP TO THLD 1.07 NM" TO ADDITIONAL FLIGHT DATA - PROCEDURE REDESIGN PER IFP/ATC CHECKLIST REQUEST, NEWLY INSTALLED DME FOR I-TUU.
15. CHANGED FROM "HOLD NE, RT, 235.67 INBOUND" TO "HOLD E, RT, 283.54 INBOUND" IN ADDITIONAL FLIGHT DATA - PER IFP/ATC CHECKLIST REQUEST MISSED APPROACH HOLDING CHANGED TO MILLK.
16. CHANGED CIRCLING CAT A MINIMUMS MDA/HAA FROM 1320/492 TO 1300/472 - NEW CONTROLLING OBSTACLE.

QUALITY
16
CHECKED

AIRPORT ID
KHTS

PROCEDURE NAME
ILS OR LOC RWY 30

ORIGINAL/AMENDMENT
10

CITY
HUNTINGTON

STATE
WV

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, HTS APP CON, HTS ATCT, APT MGR.

FLIGHT CHECKED BY
MICHAEL G CAMPBELL

Digitally signed by
CASIMIR L TABAKA
Dec 30, 2022

OFFICE
FPO
DATE
12/20/2022

DEVELOPED BY
CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
CASIMIR L TABAKA
Nov 30, 2022

OFFICE
AJV-A432
DATE
10/28/2022

APPROVED BY
CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA
Nov 30, 2022

OFFICE
AJV-A432
DATE
TITLE
MANAGER

QUALITY
16
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KHTS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 30	<u>AMDT NO.</u> 10	<u>CITY</u> HUNTINGTON	<u>STATE</u> WV	<u>AIRPORT ELEVATION</u> 828	<u>FACILITY</u> I-TUU
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
HAITI/I-TUU 16.29 DME/RADAR

TO
KIRRK/I-TUU 12.60 DME

<u>RNP</u>	<u>DISTANCE</u> 3.69	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (54-022404)	381840.43N/0821347.86W		1531	250	125	4E	1000				AT1069	3600
TERRAIN	381248.00N/0821754.00W		1187 (1200)								AS1500	2700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
KIRRK/I-TUU 12.60 DME

TO
HIBTI/I-TUU 5.10 DME

<u>RNP</u>	<u>DISTANCE</u> 7.50	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	381533.00N/0822024.00W		1316	164	98	4E	500				AC98 AT186	2100
TERRAIN	381536.00N/0822054.00W		1072 (1100)								AS1000	2100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: ILS

FROM
HIBTI/I-TUU 5.10 DME

TO
RW30

RNP	DISTANCE 3.84	PAT	MAP DA	HAT 200	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				1028

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LOC

FROM
HIBTI/I-TUU 5.10 DME

TO
3.84 NM AFTER HIBTI/I-TUU 5.10 DME OR AT I-TUU 1.34 DME

RNP	DISTANCE 3.84	PAT	MAP 3.84 NM AFTER HIBTI/I-TUU 5.10 DME OR AT I-TUU 1.34 DME	HAT 392	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (54-021494)	382055.40N/0823009.33W		966	20	3	1A	250					1220

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : ILS

FROM
DA

TO
MILLK

RNP	DISTANCE	PAT	MAP	HAT			HMAS 863					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
TOWER (54-000557)	382330.44N/0822929.64W		1378	250	125	4E	1000					2400
TERRAIN	382315.00N/0822954.00W		1020 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LOC

FROM
3.84 NM AFTER HIBTI/I-TUU 5.10 DME OR AT I-TUU 1.34 DME

TO
MILLK

RNP	DISTANCE	PAT	MAP	HAT			HMAS 970					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
TOWER (54-000557)	382330.44N/0822929.64W		1378	250	125	4E	1000					2400
TERRAIN	382315.00N/0822954.00W		1020 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



AIRPORT ID

KHTS

PROCEDURE NAME

ILS OR LOC RWY 30

AMDT NO.

10

CITY

HUNTINGTON

STATE

WV

AIRPORT ELEVATION

828

FACILITY

I-TUU

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE (54-028272)	382127.08N/0823512.42W	1.30	472	991	20	10	1B	300			1300
CATEGORY B											
WATER_TOWER (39-082883)	382238.50N/0823055.97W	1.83	552	1067	20	10	1B	300			1380
CATEGORY C											
ANTENNA (54-028664)	382443.81N/0823611.17W	2.88	692	1203	20	3	1A	300			1520
CATEGORY D											
TOWER (21-066425)	382146.14N/0823852.15W	3.77	912	1440	50	20	2C	300			1740

CIRCLING REMARKS:

MSA

CENTER

ARP KHTS

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (21-002199)	384059.94N/0830045.36W	318	28.5	2280	50	20	2C	1000			3300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY
16
CHECKED

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Electronic Version

Page 4 of 8

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZID ARTCC, HTS FSS, HTS TOWER

WX SERVICE ASOS	LOCATION KHTS	HRS OPERATION 24	ALTIMETER SOURCE KHTS	DISTANCE 0	SERVICE-A Y	ADJUSTMENTS 0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS

WX REMARKS:
BACKUP ALTIMETER SOURCE NOT REQUIRED DUE TO AVAILABILITY OF REDUNDANT WEATHER SOURCES.

PRIMARY NAVAID I-TUU	MONITOR POINT HTS ATCT	HRS OPERATION 24	CAT 1
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW12 - MALSR, HIRL, PAPI-4L		PIR-G	APPROACH
RW30 - HIRL, REIL, PAPI-4L		PIR-G	ROLL OUT

GLIDESLOPE ANGLE 3.00	ELEV RWY THRESHOLD 828.3	TCH 50.2	ELEV GS ANTENNA 823.7	DISTANCE FROM RWY 938	VGSI ANGLE 3.00	TCH 49.3
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	501
ON CENTERLINE	☒	FT FROM CENTERLINE		

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VEGETATION HEIGHT: 100 FT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1179 AAO 382049.68N/0822809.08W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KHTS	PROCEDURE NAME ILS OR LOC RWY 30	AMDT NO. 10	CITY HUNTINGTON	STATE WV	AIRPORT ELEVATION 828	FACILITY I-TUU
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FAF	TO 1000FT POINT	3.21
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	292.39
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	FAF	TO 1500FT POINT	7.78
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.25
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	292.39
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD
COORDINATES
(IF STR-IN)

382155.30N/0823302.35W

ARP COORDINATES

382206.62N/0823337.27W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

FAF
COORDINATES

382027.48N/0822831.88W

FIX NAME
COORDINATES

REMARKS

THLD DISPLACED 501FT, ACTUAL COORDINATES: 382153.41N/0823256.54W.

QUALITY
16
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Page 7 of 8

PART E: PREPARED BY

<u>NAME</u> CASIMIR L. TABAKA (SILVIA YOUNG)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 10/28/2022	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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