

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
UKF	ILS Z OR LOC Z RWY 1	ORIG-B	NORTH WILKESBORO	NC		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1303	1276	ILS Z OR LOC Z RWY 1	ORIG-A	07/16/2020	8W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-UKF			ROUTINE			

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 277/30 CW 097/30	NOPT	277/25 CW 097/25		5100
2. 277/25 CW 097/25		HAPRI	IF/IAF	5000
3. 097/30 CW 277/30		097/15 CW 277/15		7200
4. 097/15 CW 277/15		HAPRI	IF/IAF	5000

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>
HAPRI/I-UKF 14.34 DME	IF/IAF	IRIVE/I-UKF 8.34 DME					006.64 (I-UKF)	6.00	3600

MISSED APPROACH

MAP:

ILS: DA
LOC: I-UKF LOC 1.14 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1740 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 165 AND BZM VOR/DME R-050 TO HAPRI/I-UKF 14.34 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S HAPRI, RT, 006.64 INBOUND, 5000 IN LIEU OF PT (IAF), MAX 5800.
- FAC:** 006.64 **FAF:** IRIVE/I-UKF 8.34 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 7.20
- MIN ALT:** HAPRI/I-UKF 14.34 DME 5000, IRIVE/I-UKF 8.34 DME 3600, JATLO/I-UKF 3.84 DME 2160
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1034
- MIN GS INCPT:** 3600 **GS ALT AT PFAF:** IRIVE/I-UKF 8.34 DME 3600 **OM:** **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 59.4
- MSA FROM:**



PBN REQUIREMENTS NOTE:

RNAV 1 - GPS.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1354 TANK (37-157415) 361132N/0810546W.
CHART 2081 TOWER (37-100210) 360611N/0810517W.
CHART VDP AT 2.25 DME.
DISTANCE VDP TO THLD 1.11 NM.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 1000-3, 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
S-ILS 01	1476	1/2	200	1476	1/2	200	1476	1/2	200	1476	1/2	200			
S-LOC 01	1660	1/2	384	1660	1/2	384	1660	5/8	384	1660	5/8	384			
CIRCLING	1800	1	497	1880	1	577	1940	1 3/4	637	2260	3	957			

CHANGES - REASONS

1. PROFILE - ASTERISKS REMOVED FROM MINIMUMS IN PROFILE VIEW - NO LONGER REQUIRED.
2. MINIMUMS - RAISED MINIMUMS S-LOC 1 MDA FROM 1640/HAT 364 ALL CATS TO 1660/HAT 384 ALL CATS - CLEARING NOTAM FDC 4/1690 DUE TO NEW CONTROLLING OBSTACLE 1354 TANK (37-157415) (AC 4D) (361131.81N/0810545.78W).
3. MINIMUMS - RAISED CIRCLING CAT C AND D MINIMUMS FROM 1880/HAA 577 AND 2240/HAA 937 TO 1940/HAA 637 AND 2260/HAA 957 - NEW CONTROLLING OBSTACLES.
4. MISSED APPROACH - CHANGED MISSED APPROACH WORDING FROM "CLIMB TO 1740 THEN CLIMBING RIGHT TURN TO 5000 HEADING 165 AND BZM VOR/DME R-050 DIRECT HAPRI/I-UKF 14.34 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" TO "CLIMB TO 1740 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 165 AND BZM VOR/DME R-050 TO HAPRI/I-UKF 14.34 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" - CORRECTED TO USE APPROPRIATE WORDING INDICATING POSITIVE COURSE GUIDANCE.
5. PBN REQUIREMENTS NOTES - CHANGED FROM "RNAV 1-GPS REQUIRED" TO "RNAV 1 - GPS" - IAW CURRENT CRITERIA.
6. EQUIPMENT REQUIREMENTS NOTES - REMOVED "DME REQUIRED" - GPS IS A REQUIREMENT FOR USE OF THIS PROCEDURE.
7. NOTES - REMOVED NOTE "FOR INOPERATIVE ALS WHEN USING HICKORY ALTIMETER SETTING, INCREASE S-ILS ALL CATS VISIBILITY AND S-LOC CAT C/D VISIBILITY 3/8 SM" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA - REMOVED CHART CIRCLING ICON - IAW REMOVAL OF CIRCLING ICONS MEMO.
9. ADDITIONAL FLIGHT DATA - CHANGED CHART VDP AT 2.12 DME TO 2.25 DME - LOC MDA RAISED TO 1660.
10. ADDITIONAL FLIGHT DATA - CHANGED DISTANCE VDP TO THLD 0.98 NM TO 1.11 - LOC MDA RAISED TO 1660.
11. ADDITIONAL FLIGHT DATA - UPDATED FAS OBST FROM 1312 TREE 361210N/0810600W TO 1354 TANK (37-157415) 361132N/0810546W - NEW EVALUATION COMPLETED.
12. NOTES - CHANGED NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HKY ALTIMETER SETTING AND INCREASE S-ILS DA TO 1569 FEET AND ALL MDAS 100 FEET, AND INCREASE S-LOC CATS CAND D VISIBILITY 3/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM" TO CONTINGENCY NOTE - MOVED TO -9 PART C GENERAL REMARKS ACCORDINGLY.
13. COORDINATED WITH - REMOVED CHECKBOX FROM APA - AMERICAN AIRLINES NOT SERVICED AT KUKF AIRPORT.
14. TAA - RAISED 097 CW 277 30-15 MILE SECTOR ALTITUDE FROM 7100 TO 7200 - HIGHER TERRAIN FOUND AFTER EVALUATION.
15. TAA - ADDED STEPDOWN SECTOR 25-0 MILE FOR 277 CW 097 AT 5000 - RAISED SECTOR 277 CW 097 30-25 MILE ALTITUDE TO 5100 - HIGHER TERRAIN FOUND AFTER EVALUATION.



AIRPORT ID
UKF

PROCEDURE NAME
ILS Z OR LOC Z RWY 1

ORIGINAL/AMENDMENT
ORIG-B

CITY
NORTH WILKESBORO

STATE
NC

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZTL, UKF AMGR

FLIGHT CHECKED BY

RYAN CARAMANICA

Digitally signed by

ALLAN WILL

Feb 06, 2026

OFFICE

AJF

DATE

02/06/2026

DEVELOPED BY

ALLAN WILL (BRANDON BURCHELL)

Digitally signed by

ALLAN WILL

Feb 06, 2026

OFFICE

AJV-A33

DATE

09/23/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Feb 06, 2026

OFFICE

AJV-A33

DATE

04/09/2026

TITLE

MANAGER



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

<u>AIRPORT ID</u> UKF	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 1	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> NORTH WILKESBORO	<u>STATE</u> NC	<u>AIRPORT ELEVATION</u> 1303	<u>FACILITY</u> I-UKF
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 277/30 CW 097/30 **TO** 277/25 CW 097/25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	355945.00N/0814321.00W	3015	215	8	4B	2000					5100
TERRAIN	355845.00N/0812136.00W	2378 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 277/25 CW 097/25 **TO** HAPRI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	360236.00N/0813412.00W	2966	215	8	4B	2000					5000
TERRAIN	355845.00N/0812136.00W	2378 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:



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NC

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1303

FACILITY
I-UKF

STRAIGHT-IN AREA

FROM
097/30 CW 277/30

TO
097/15 CW 277/15

RNP DISTANCE PAT MAP HAT HMAS

<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	362203.00N/0813333.00W	5132	215	8	4B	2000					7200
TERRAIN	362351.00N/0812730.00W	4494 (4500)								AS1500	6000

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
097/15 CW 277/15

TO
HAPRI

RNP DISTANCE PAT MAP HAT HMAS

<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	360248.00N/0810924.00W	2871	215	8	4B	2000				AT129	5000
TERRAIN	360248.00N/0810924.00W	2670 (2700)								AS1500	4200

COMPUTATIONS

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

SEGMENT REMARKS:



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FACILITY
I-UKF

MISSED APPROACH: LOC

FROM
I-UKF LOC 1.14 DME

TO
HAPRI/I-UKF 14.34 DME

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
1410

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	360321.00N/0810800.00W	2756	215	8	4B	1000					3800
TERRAIN	360321.00N/0810800.00W	2555 (2600)								AS1500	4100

COMPUTATIONS

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

SEGMENT REMARKS:

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											
TANK (37-048422)	361451.33N/0810640.81W	1.31	497	1498	20	3	1A	300			1800
CATEGORY B											
TREE (37-172453)	361450.57N/0810444.89W	1.85	577	1528	20	10	1B	300		XP52	1880
CATEGORY C											
TREE	361633.00N/0810730.00W	2.91	637	1623	215	8	4B	300			1940
CATEGORY D											
AAO	361651.00N/0810839.00W	3.81	957	1959	215	8	4B	300			2260

CIRCLING REMARKS:

XP, KEEP CURRENT MINIMUMS.

MSA/ESA

CENTER **RADIUS**

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH



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ORIG-B

CITY
NORTH WILKESBORO

STATE
NC

AIRPORT ELEVATION
1303

FACILITY
I-UKF

ZTL ARTCC, RDU FSS

WX SERVICE
AWOS-3

LOCATION
UKF

HRS OPERATION
24

ALTIMETER SOURCE
UKF

DISTANCE

WMSCR
Y

ADJUSTMENTS
0

BACK-UP WX SERVICE
ASOS

LOCATION
HKY

HRS OPERATION
24

ALTIMETER SOURCE
HKY

DISTANCE
31.99

WMSCR
Y

ADJUSTMENTS
93

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KUKF 1303, KHKY 1170
RA=92.25

PRIMARY NAVAID
I-UKF

MONITOR POINT
POLICE DEPT

HRS OPERATION
24

CAT
1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW19 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)	NPI-G	
RW01 - MALSR (PCL), MIRL (PCL), PAPI-2L (PCL)	PIR-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
1247.3

TCH
59.4

ELEV GS ANTENNA
1248.8

DISTANCE FROM RWY
1034

VGSI ANGLE
3.00

TCH
59.3

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

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.

AVERAGE VEGETATION ASSUMED TO BE 100 FEET PER FPT.

ALTERNATE MISSED APPROACH NOT DEVELOPED DUE TO LACK OF AVAILABLE ALTERNATE FACILITIES AND ATC REQUEST.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HKY ALTIMETER SETTING AND INCREASE S-ILS 01 DA TO 1569 FEET AND ALL MDAS 100 FEET, AND INCREASE S-LOC 01 CATS C AND D VISIBILITY 3/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.

VDP NA WHEN USING HKY ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 2081 TOWER (37-100210) 360611.35N/0810517.14W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	THLD	TO 1000FT POINT	5.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.30
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	358.65
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1900
DISTANCE FROM	FAF	TO 1500FT POINT	11.40
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.30
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	358.65
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2600

THRESHOLD COORDINATES (IF STR-IN) 361254.32N/0810554.10W
ARP COORDINATES 361324.97N/0810554.99W
RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 1 DISTANCE 0.51 NM
FAF COORDINATES 360541.64N/0810541.53W
FIX NAME COORDINATES

REMARKS

TAA: HAPRI (IF/IAF) 355941.22N-0810531.08W 30 NM

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ALLAN WILL (BRANDON BURCHELL)	AJV-A33	09/23/2025	AERONAUTICAL INFORMATION SPECIALIST

