

**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> UKF	<u>PROCEDURE NAME</u> ILS Y OR LOC Y RWY 1	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> NORTH WILKESBORO	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 1303	<u>TDZE</u> 1276	<u>SUPERSEDED</u> ILS Y OR LOC Y RWY 1	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 8W
<u>FACILITY</u> I-UKF	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
				<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>
BZM VOR/DME		HAPRI/I-UKF 14.34 DME					049.77	10.46	5000
HAPRI/I-UKF LOC 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:** BZM VOR/DME 5800



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BZM VOR/DME AIRWAY RADIALS 356 CW 071.

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. 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.
4. 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.
5. NOTES - MOVED 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 C AND D VISIBILITY 3/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM" TO -9 PART C GENERAL REMARKS - UPDATED TO CONTINGENCY NOTE AND MOVED ACCORDINGLY.
6. 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.
7. ADDITIONAL FLIGHT DATA - REMOVED CHART CIRCLING ICON - IAW REMOVAL OF CIRCLING ICONS MEMO.
8. ADDITIONAL FLIGHT DATA - CHANGED CHART VDP AT 2.12 DME TO 2.25 DME - LOC MDA RAISED TO 1660.
9. ADDITIONAL FLIGHT DATA - CHANGED DISTANCE VDP TO THLD 0.98 NM TO 1.11 - LOC MDA RAISED TO 1660.
10. ADDITIONAL FLIGHT DATA - UPDATED FAS OBSTACLE FROM 1312 TREE 361210N/0810600W TO 1354 TANK (37-157415) 361132N/0810546W - NEW EVALUATION COMPLETED.
11. COORDINATED WITH - REMOVED CHECKBOX FROM APA - AMERICAN AIRLINES NOT SERVICED AT KUKF AIRPORT.



AIRPORT ID
UKF

PROCEDURE NAME
ILS Y OR LOC Y RWY 1

ORIGINAL/AMENDMENT
1B

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

Digitally signed by

ALLAN WILL

Feb 06, 2026

Digitally signed by

ALLAN WILL

Feb 06, 2026

OFFICE

AJF

DATE

02/06/2026

OFFICE

AJV-A33

DATE

09/23/2025

APPROVED BY

KYLE THOMPSON

OFFICE

AJV-A33

DATE

04/09/2026

TITLE

MANAGER



AIRPORT ID
UKF

PROCEDURE NAME
ILS Y OR LOC Y RWY 1

AMDT NO.
1B

CITY
NORTH WILKESBORO

STATE
NC

AIRPORT ELEVATION
1303

FACILITY
I-UKF

FINAL: ILS

FROM
IRIVE/I-UKF 8.34 DME

TO
RW01

RNP

DISTANCE
7.20

PAT

MAP
DA

HAT
200

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>
							ASC				1476

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LOC

FROM
IRIVE/I-UKF 8.34 DME

TO
JATLO/I-UKF 3.84 DME

RNP

DISTANCE
4.50

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>
TOWER (37-002263)	360856.19N/0810636.86W	1372	50	20	2C	250				RA100 XL61 SA-116 DG474	2160

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
UKF

PROCEDURE NAME
ILS Y OR LOC Y RWY 1

AMDT NO.
1B

CITY
NORTH WILKESBORO

STATE
NC

AIRPORT ELEVATION
1303

FACILITY
I-UKF

FINAL: LOC STEPDOWN

FROM
JATLO/I-UKF 3.84 DME

TO
I-UKF LOC 1.14 DME

RNP

DISTANCE
2.70

PAT

MAP
I-UKF LOC 1.14 DME

HAT
384

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>
TANK (37-157415)	361131.81N/0810545.78W	1354	250	50	4D	250				AC50	1660

COMPUTATIONS

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

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM
HAPRI

TO
P-5

RNP

DISTANCE

PAT
P-5

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	360321.00N/0810800.00W	2756	215	8	4B	1000				AT1244	5000
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:



AIRPORT ID
UKF

PROCEDURE NAME
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1B

CITY
NORTH WILKESBORO

STATE
NC

AIRPORT ELEVATION
1303

FACILITY
I-UKF

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW19 - REIL (PCL), MIRL (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.



AIRPORT ID
UKF

PROCEDURE NAME
ILS Y OR LOC Y RWY 1

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1B

CITY
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STATE
NC

AIRPORT ELEVATION
1303

FACILITY
I-UKF

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	THLD	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 IF/IAF HAPRI 355941.22N/0810531.08W

REMARKS

PART E: PREPARED BY

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

