

# FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE LOC STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.25

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>	
ORK	LOC RWY 5	1	NORTH LITTLE ROCK	AR	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
545	541	LOC RWY 5	04/22/2021	2E	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
I-ORK			ROUTINE		

## 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>
BEGAN	IAF	HULKO/I-ORK 13.38 DME		TF	FB	1.00	062.28	12.20	2500
HULKO/I-ORK 13.38 DME	IF	AWHOG/I-ORK 6.05 DME					053.15 (I-ORK)	7.33	2200

## MISSED APPROACH

### MAP:

LOC: RW05 OR AT I-ORK 1.00 DME

### MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 360 AND LIT VORTAC R-351 TO OCAPU/LIT 17.25 DME AND HOLD.

### ALTERNATE MISSED APPROACH INSTRUCTIONS:

## PROFILE:

- PT
- PROFILE STARTS AT HULKO/I-ORK 13.38 DME
- FAC: 053.15 FAF: AWHOG/I-ORK 6.05 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.06
- MIN ALT: HULKO/I-ORK 13.38 DME 2500, AWHOG/I-ORK 6.05 DME 2200
- MSA FROM: LIT VORTAC 3300



**PBN REQUIREMENTS NOTE:**

RNP APCH-GPS. FROM BEGAN

**EQUIPMENT REQUIREMENTS NOTES:**

DME AND RADAR REQUIRED

**NOTES:**

CHART PROFILE NOTE: USE I-ORK DME WHEN ON THE LOCALIZER COURSE.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEGAN ON V124 SOUTHWEST BOUND.  
CHART NOTE: CIRCLING NA FOR CATS B AND C NORTH OF RWY 5-23 WHEN R-2403B ACTIVE.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 170.96 INBOUND.  
FAS OBST: 680 AAO 344641N/0921933W.  
830 AAO 344639N/0922026W.  
CHART RESTRICTED AREAS R-2403A & R-2403B.  
CHART VDP AT 2.22 DME.  
DISTANCE VDP TO THLD 1.22 NM.  
AWHOG TO RW05: 3.00/49.0.  
CHART CIRCLING ICON.

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b><u>CATEGORY:</u></b>	<b><u>A</u></b>			<b><u>B</u></b>			<b><u>C</u></b>			<b><u>D</u></b>			<b><u>E</u></b>		
<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
S-LOC 05	980	1	439	980	1	439	980	1 1/4	439		NA				
CIRCLING	1040	1	495	1040	1	495	1080	1 1/2	535		NA				

**CHANGES - REASONS**

1. DELETED PARON TO HULKO RNAV INITIAL SEGMENT - AIRWAY CHANGES DELETED PARON.
2. ADDED BEGAN TO HULKO RNAV INITIAL SEGMENT - AIRWAY CHANGES.
3. INTERMEDIATE SEGMENT DISTANCE CHANGED FROM 7.29 TO 7.33 - FAF (AWHOG) MOVED.
4. FAF (AWHOG) CHANGED FROM 6.09 DME TO 6.05 - FIX MOVED TO PLACE ON GLIDEPATH MATCHING VGSI.
5. MAP CHANGED FROM I-ORK 1.00 DME TO RW05/I-ORK 1.00 DME - MAP IS AN UN-NAMED FIX.
6. MISSED APPROACH INSTRUCTIONS CHANGED FROM R-352 TO R-351 TO OCAPU; OCAPU CHANGED FROM LIT 25.00 DME TO LIT 17.25 DME - LIT VORTAC MOVED CHANGING RADIAL AND DISTANCE TO OCAPU (OCAPU DID NOT MOVE).
7. PROFILE LINE 3 DIST FAF TO THLD CHANGED FROM 5.09 TO 5.06 - FAF MOVED.
8. DELETED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PARON ON V532 WESTBOUND - PARDON INITIAL DELETED FROM PROCEDURE.
9. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEGAN ON V124 SOUTHWEST BOUND - NEW INITIAL FROM BEGAN.
10. MISSED HOLDING CHANGED FROM 172.00 TO 170.96 INBOUND.
11. AWHOG TO RW05 TCH CHANGED FROM 40 TO 49 - FAF MOVED TO MATCH VGSI.
12. PBN REQUIREMENTS NOTE DME AND RADAR REQUIRED CHANGED TO EQUIPMENT REQUIREMENTS NOTE - DME AND RADAR ARE EQUIPMENT AND NOT PBN REQUIRED.
13. DELETED VGSI NOT COINCIDENT NOTE FROM PROFILE SECTION - FAF MOVED TO MATCH VGSI GP/TCH.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: AMGR, ZME, LIT APCH

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY  
KELLY DEAN

Digitally signed by  
**TYLER D MITCHELL**  
Aug 15, 2024

OFFICE

AJV-A432

DATE

04/03/2024

APPROVED BY  
CASIMIR L. TABAKA

Digitally signed by  
**CASIMIR L TABAKA**  
Nov 19, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER



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

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
ORK	LOC RWY 5	1	NORTH LITTLE ROCK	AR	545	I-ORK

**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

**FROM** **TO**  
BEGAN HULKO/I-ORK 13.38 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	12.20				

<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	344354.00N/0922933.00W	909	215	8	4B	1000				AT591	2500
TERRAIN	344354.00N/0922933.00W	708 (700)								AS1500	2200

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

ATC REQUESTS ENTRY FROM BEGAN. UNABLE TO FLY LOCALIZER INITIAL FROM BEGAN TO HULKO DUE TO FAILED ESV BY SFMO. RNAV ROUTE DEVELOPED BASED ON FPT REQUEST.

**INTERMEDIATE**

**FROM** **TO**  
HULKO/I-ORK 13.38 DME AWHOG/I-ORK 6.05 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
	7.33				

<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 (05-000579)	344733.00N/0922842.00W	1450	500	50	5D	500				SA-383 AT633	2200
TERRAIN	344612.00N/0922554.00W	813 (800)								AS1000	1800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



FINAL: LOC

FROM

AWHOG/I-ORK 6.05 DME

TO

RW05 OR AT I-ORK 1.00 DME

RNP

DISTANCE

PAT

MAP

HAT

HMAS

5.06

RW05 OR AT I-ORK 1.00 DME

439

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	344641.29N/0921933.46W	680	50	20	2C	250				XP50	980

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - MAINTAIN EXISTING MINIMUMS

MISSED APPROACH: LOC

FROM

RW05 OR AT I-ORK 1.00 DME

TO

OCAPU

RNP

DISTANCE

PAT

MAP

HAT

HMAS

730

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	350015.00N/0921812.00W	965	215	8	4B	1000					2000
TERRAIN	350015.00N/0921812.00W	764 (800)								AT1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

ORK

PROCEDURE NAME

LOC RWY 5

AMDT NO.

1

CITY

NORTH LITTLE ROCK

STATE

AR

AIRPORT ELEVATION

545

FACILITY

I-ORK

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											
DOME (05-020250)	345011.59N/0921543.78W	1.30	495	679	20	3	1A	300		XP61	1040
CATEGORY B											
WATER_TOWER (05-063665)	344935.21N/0921727.88W	1.82	495	690	20	10	1B	300		XP50	1040
CATEGORY C											
TOWER (05-000384)	344859.00N/0921757.00W	2.87	535	730	250	50	4D	300		AC50	1080

CIRCLING REMARKS:

XP - MAINTAIN EXISTING MINIMUMS

MSA

CENTER

LIT VORTAC

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (05-000779)	342631.00N/0921304.00W	188	22.3	2237	250	50	4D	1000			3300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, LIT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
AWOS-3PT	ORK	24	ORK	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	SERVICE-A	ADJUSTMENTS
ASOS	LIT	24	LIT	6.41	Y	56

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME  
KORK 545, KLIT 254  
RA = 55.6

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-ORK	MOCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW17 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-F	
RW35 - MIRL (PCL), PAPI-2L	NPI-F	
RW23 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-G	
RW05 - REIL (PCL), MIRL (PCL), PAPI-2R	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	49.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	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:

RADAR REQUIRED BY ATC REQUEST DUE TO CLOSE PROXIMITY OF RESTRICTED AREAS AND KLIT/KLRF

CIRCLING RESTRICTION REQUESTED BY AIR TRAFFIC.

MISSSED HOLDING ALTITUDES 4000-5000 REQUIRED BY ATC.

PROCEDURE EVAL PROVIDES FOR LOWER MINIMUMS. PER MGT, DO NOT LOWER MINIMUMS.

BACK-UP ALTIMETER NOTE FOR CONTINGENCY PURPOSE BY NOTAM;  
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIT ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND S-LOC 05 VISIBILITY CAT C 1/8 SM. VDP NA WHEN USING LIT ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 830 AAO 344639.06N/0922026.42W.

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	3.06
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	55.15
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	11.99
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	8.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	55.15
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	800

THRESHOLD COORDINATES (IF STR-IN)	344942.83N/0921532.46W
ARP COORDINATES	344959.30N/0921514.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 23 DISTANCE 0.48 NM
FAF COORDINATES	344649.12N/0922034.63W
FIX NAME COORDINATES	IF HULKO 344237.04N/0922751.90W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
KELLY DEAN	AJV-A432	04/03/2024	AERONAUTICAL INFORMATION SPECIALIST

