FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1125	1121	RNAV (GPS) RWY 30	1	03/31/2016	0W	2020

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 215/30 CW 035/30	NOPT	IJIBU	IF/IAF	4000
2. 035/30 CW 215/30		IJIBU	IF/IAF	4000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
IJIBU	IF/IAF	NUPZI		TF	FB	1.00	305.49	6.10	2700
NUPZI	FAF	ZUMAM/2.00 NM TO RW30		TF	FB	0.30	305.41	2.85	
ZUMAM/2.00 NM TO RW30		RW30	MAP	TF	FO	0.30	305.41	2.00	
RW30	MAP	1371 MSL		CA			305.41		
1371 MSL		JUKAG		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT JUKAG AND HOLD, CONTINUE CLIMB-IN-HOLD 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SE IJIBU, RT, 305.49 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 305.41 **FAF:** NUPZI **DIST FAF TO MAP:** 4.85 **DIST FAF TO THLD:** 4.85
4. **MIN ALT:** IJIBU 4000, NUPZI 2700, ZUMAM/2.00 NM TO RW30 1780
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **250 HAT:** 0.67 **GS ANT:**
6. **MIN GP INCPT:** 2700 **GP ALT AT PFAF:** NUPZI 2700 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.
CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALO ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWYS 4 AND 22.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALO ALTIMETER SETTING AND INCREASE LPV DA TO 1481 FEET; INCREASE LNAV/VNAV DA TO 1481 FEET; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 125.21 INBOUND.
CHART FAS OBST: 1195 TREE (19-039291) 430432N/0923632W.
CHART VDP AT 0.95 NM TO RW30.
WAAS CHANNEL # 82438
REFERENCE PATH ID: W30A
CHART CIRCLING ICON.
LTP HAE: 309.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LPV DA	1371	1	250	1371	1	250	1371	1	250		NA				
LNAV/VNAV DA	1371	1	250	1371	1	250	1371	1	250		NA				
LNAV MDA	1460	1	339	1460	1	339	1460	1	339		NA				
CIRCLING	1520	1	395	1580	1	455	1760	1 3/4	635		NA				

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA

CHANGES - REASONS

1. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS." - IAW 8260.19J 8-6-8.
2. NOTES: UPDATED UNCOMPENSATED BARO-VNAV NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F)." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C." - IAW 8260.19J 8-6-10.
3. NOTES: UPDATED HELICOPTER VISIBILITY NOTE FROM "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." TO "CHART NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19J 8-6-12.
4. NOTES: UPDATED VDP AND BARO-VNAV NOTE FROM "CHART NOTE: VDP AND BARO-VNAV NA WHEN USING WATERLOO ALTIMETER SETTING." TO "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ALO ALTIMETER SETTING." - IAW 8260.19J 8-6-10.
5. NOTES: UPDATED CIRCLING NOTE FROM "CHART NOTE: CIRCLING RWYS 4-22 AND 18-36 NA." TO "CHART NOTE: CIRCLING NA TO RWYS 4 AND 22." - IAW 8260.19J 8-6-12.
6. NOTES: UPDATED BACKUP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL DA 110 FT AND VISIBILITY 1/4 MILE. INCREASE ALL MDA 120 FT, INCREASE LNAV CAT C VISIBILITY 3/8 MILE, AND CIRCLING VISIBILITY CAT C 1/2 MILE." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALO ALTIMETER SETTING AND INCREASE LPV DA TO 1481 FEET; INCREASE LNAV/VNAV DA TO 1481 FEET; INCREASE ALL MDAS 120 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM." - NEW TARGETS EVAL.
7. NOTES: REMOVED "CHART NOTE: DME/DME RNP-0.3 NA." - NO LONGER REQUIRED IN CRITERIA.
8. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST NOTE FROM "CHART FAS OBST: 1195 TREE 430432N/0923632W" TO "CHART FAS OBST: 1195 TREE (19-039291) 430432N/0923632W." - SAME OBSTACLE, JUST ADDED OAS NUMBER.
9. ADDITIONAL FLIGHT DATA: CHANGED VDP NOTE FROM "CHART VDP AT 0.99 MILES TO RW30*" TO "CHART VDP AT 0.95 NM TO RW30." - VGSI TCH CHANGED FROM 27 TO 40.1
10. FAS DATA BLOCK INFORMATION: CRC REMAINDER CHANGED FROM "C8BBCBC2" TO "F99C6A4C" - FPAP COORDINATES CHANGED.
11. PROFILE LINE 2: ADDED MAXIMUM ALTITUDE 6000 TO HOLD-IN-LIEU AT JUKAG - IAW 8260.19 PARA 8-6-7 B (2).
12. PROFILE LINE 5: "250 HAT: 0.67" MOVED FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5 - IAW 8260.19J 8-6-7
13. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - IAW 8260.19J 8-6-7
14. PROFILE LINE 4: REMOVED "*" FROM ZUMAM/2.00 NM TO RW30 1780 - NO LONGER REQUIRED IN CRITERA
15. NOTES: DELETED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}) - VGSI TCH CHANGED FROM 27 TO 40.1

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMP, ALO APP CON, AMGR

FLIGHT CHECKED BY MARC RAYMOND WEBBER	*Digitally signed by* ***CASEY D HILL*** Jun 11, 2025	**OFFICE** FIOG	**DATE** 06/05/2025	
DEVELOPED BY DEVON KERCHER	*Digitally signed by* ***CASEY D HILL*** Jun 11, 2025	**OFFICE** AJV-A431	**DATE** 02/20/2025	
APPROVED BY ROBERT G HAMILTON	*Digitally signed by* ***CASEY D HILL*** Jun 11, 2025	**OFFICE** AJV-A433	**DATE**	**TITLE** MANAGER

QUALITY 29 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCCY
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	430414.5580N
LTP/FTP LONGITUDE	0923619.2815W
LTP/FTP ELLIPSOIDAL HEIGHT	+03093
FPAP LATITUDE	430506.1140N
FPAP LONGITUDE	0923758.4475W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F99C6A4C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03403
FPAP ORTHOMETRIC HEIGHT	+03403

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
215/30 CW 035/30

TO
IJIBU

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-000866)	424056.72N/0915250.68W	2119	100	20	3C	1000				AT881	4000
TERRAIN	432012.00N/0920212.00W	1299 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM
035/30 CW 215/30

TO
IJIBU

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

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-000404)	432220.00N/0925000.00W	2799	20	50	1D	1000				AT201	4000
TERRAIN	432457.00N/0923018.00W	1397 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

INTERMEDIATE

FROM	TO
IJIBU (IF/IAF)	NUPZI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.10				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	430127.00N/0922733.00W	1359	215	8	4B	500					1900
TERRAIN	430157.00N/0922748.00W	1158 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM	TO
NUPZI	RW30

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.85		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (19-042149)	430404.47N/0923609.63W	1164	20	3	1A		34.00:1				1371

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

FINAL: LNAV/VNAV

FROM	TO
NUPZI	RW30

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.85		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1371

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
NUPZI	ZUMAM/2.00 NM TO RW30

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.85				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	430236.00N/0923224.00W	1319	215	8	4B	250				RA120 AT91	1780

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
ZUMAM/2.00 NM TO RW30	RW30

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.00		RW30	339	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (19-039291)	430431.80N/0923632.48W	1195	20	3	1A	250					1460

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

HOLD-IN-LIEU OF PT

FROM	TO
IJIBU	P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-001091)	430217.00N/0922326.00W	1565	500	50	5D	1000					2600
TERRAIN	430157.00N/0922748.00W	1158 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM	TO
DA	JUKAG

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					1182

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	430948.00N/0924951.00W	1352	215	8	4B	1000					2400
TERRAIN	430948.00N/0925021.00W	1151 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	JUKAG

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					1221

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	430948.00N/0924951.00W	1352	215	8	4B	1000					2400
TERRAIN	430948.00N/0925021.00W	1151 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM	TO
RW30	JUKAG

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1360

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	430948.00N/0924951.00W	1352	215	8	4B	1000					2400
TERRAIN	430948.00N/0925021.00W	1151 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

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 (19-041057)	430456.63N/0923646.96W	1.30	395	1201	20	3	1A	300			1520
CATEGORY B											
TREE (19-041057)	430456.63N/0923646.96W	1.84	455	1201	20	3	1A	300		XP79	1580
CATEGORY C											
TOWER (19-000047)	430311.81N/0924014.53W	2.90	635	1402	20	50	1D	300		AC50	1760

CIRCLING REMARKS:

MAINTAIN CURRENT MINS

MSA/ESA

CENTER **RADIUS**

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY 29 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAU ARTCC, ALO APP CON, FOD FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	CCY	24	CCY		Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	ALO	24	ALO	32.28	Y	110

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
CCY 1125, ALO 873
RA = 109.7

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW04		
RW36		
RW22		
RW18		
RW12 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-F	
RW30 - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)	NPI-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1116.6	40.0			3.00	40.1

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	[X]	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	[X]	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-23C	+54C	-27C	+12.77C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 831 HIGH TEMP 1181.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV
34:1	

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

1161 TREE (19-041055) 430404.4900N/0923605.6400W (8.64)	1157 TREE (19-041494) 430404.4900N/0923607.0000W (7.07)
PENETRATIONS REMARKS:	

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 30 FEET PER PROCEDURE DESIGN REQUEST.

INITIAL ALTITUDES @ 4000 FEET AND TAA I DESIGN
DEVELOPED IAW PROCEDURE DESIGN REQUEST.

CIRCLING TO RUNWAYS 4-22 NA - TURF RUNWAY.

VGS SURFACE PENETRATIONS:
1118 MSL NAVAID (19-024999) 430413.89N/0923619.78W BY 1.09 FEET.
1118 MSL NAVAID (19-024998) 430415.14N/0923618.57W BY 1.09 FEET.
BOTH VERIFIED BY FPT AS PART OF THE AIRPORT LIGHTING SYSTEM.
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**	2.96
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	305.41
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1100
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.65
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	305.41
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	1100

THRESHOLD COORDINATES (IF STR-IN)	430414.56N/0923619.28W
ARP COORDINATES	430423.01N/0923637.61W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 12 DISTANCE 0.39 NM
FAF COORDINATES	430126.15N/0923055.95W
FIX NAME COORDINATES	

REMARKS

IF/IAF IJIBU 425753.83N 0922409.67W 30 NM RADIUS

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CCY	RNAV (GPS) RWY 30	2	CHARLES CITY	IA	1125	RNAV

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DEVON KERCHER	AJV-A431	02/20/2025	AERONAUTICAL INFORMATION SPECIALIST