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
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1131	1131	RNAV (GPS) RWY 18	1	12/02/2021	3E	2000

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

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 088/30 CW 268/30	NOPT	TOQIC	IF/IAF	3200
2. 268/30 CW 358/30		VUGHO	IAF	3200
3. 358/30 CW 088/30		XERMY	IAF	3200

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VUGHO	IAF	TOQIC	NOPT	TF	FB	1.00	268.31	6.46	3200
XERMY	IAF	TOQIC	NOPT	TF	FB	1.00	088.13	6.46	3200
TOQIC	IF/IAF	QUTMU		TF	FB	1.00	178.22	4.91	2800
QUTMU	FAF	RW18	MAP	TF	FO	0.30	178.23	5.09	
RW18	MAP	2000 MSL		CA			178.23		2000
2000 MSL		TOQIC		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT TOQIC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 20 CHECKED

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD N TOQIC, RT, 178.22 INBOUND, 3200 IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 178.23 **FAF:** QUTMU **DIST FAF TO MAP:** 5.09 **DIST FAF TO THLD:** 5.09
4. **MIN ALT:** TOQIC 3200, QUTMU 2800
5. **DIST TO THLD FROM PFAF:** 5.09 **MM:** **IM:** **150 HAT:** **250 HAT:** 0.63 **GS ANT:**
6. **MIN GP INCPT:** 2800 **GP ALT AT PFAF:** QUTMU 2800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA W OF RWY 18-36.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1250 AAO 404130N/0935436W.
CHART VDP AT 1.01 NM TO RW18.
WAAS CHANNEL # 65645
REFERENCE PATH ID: W18A
LTP HAE: 312.6 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	1381	1	250	1381	1	250	1381	1	250	1381	1	250			
LNAV/VNAV DA	1381	1	250	1381	1	250	1381	1	250	1381	1	250			
LNAV MDA	1500	1	369	1500	1	369	1500	1	369	1500	1	369			
CIRCLING	1520	1	389	1720	1	589	1720	1 1/2	589	1720	2	589			

CHANGES - REASONS

1. REMOVED CHART CIRCLING ICON FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
2. TAA: ALL ALTITUDES CHANGED FROM 3000 TO 3200 - 2181 TOWER OBSTACLE IN SECTOR 088/30 CW TO 268/30 TOQIC..
3. TERMINAL ROUTES: CHANGED IAF ALTITUDES FROM 3000 TO 3200 - TO MATCH STRAIGHT IN TAA ALTIUDE.
4. MISSSED APPROACH INSTRUCTIONS CHANGED FROM CLIMB TO 2000, THEN CLIMBING LEFT TURN 3000 DIRECT TOQIC AND HOLD TO CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT TOQIC AND HOLD - CORRECT FORMATTING.
5. PROFILE LINE 2: CHANGED FROM 3000 IN LIEU OF PT (IAF) TO 3200 IN LIEU OF PT (IAF) - TAA STRAIGHT SECTOR RAISED TO CLEAR OBSTACLE AT IAF.
6. PROFILE LINE 4: MIN ALT CHANGED FROM TOQIC 3000 TO 3200 - IAF ALTITUDE INCREASED PER ARRIVAL OBSTACLE.
7. ADDITIONAL FLIGHT DATA: CHANGED FROM FAS OBST: 1240 AAO 404130N/0935442W TO FAS OBST: 1250 AAO 404130N/0935436W - UPDATED EVALUATION.
8. ADDITIONAL FLIGHT DATA: 7:1 OBSTACLE NOW RELOCATED TO DASH 9 AND UPDATED.

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA

COORDINATED WITH:

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

FLIGHT CHECKED BY SUSANNA ROBERTS	*Digitally signed by* ***RAKE MCGRAW*** Mar 09, 2026	**OFFICE** AJF	**DATE** 03/08/2026
DEVELOPED BY RAYMOND JOHNSON	*Digitally signed by* ***RAKE MCGRAW*** Mar 09, 2026	**OFFICE** AJV-A422	**DATE** 12/03/2025
APPROVED BY RAKE MCGRAW	*Digitally signed by* ***RAKE MCGRAW*** Mar 09, 2026	**OFFICE** AJV-A422	**DATE**

TITLE MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLWD
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	403813.4065N
LTP/FTP LONGITUDE	0935407.5425W
LTP/FTP ELLIPSOIDAL HEIGHT	+03126
FPAP LATITUDE	403644.2680N
FPAP LONGITUDE	0935410.0420W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1185F65E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03440
FPAP ORTHOMETRIC HEIGHT	+03440

QUALITY 20 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA	1131	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM	TO
088/30 CW 268/30	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-063650)	410905.57N/0940242.34W	2181	250	50	4D	1000					3200
TERRAIN	410900.00N/0942221.00W	1354 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM	TO
268/30 CW 358/30	VUGHO

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-001493)	404852.00N/0935016.00W	1623	500	50	5D	1000				AT577	3200
TERRAIN	404809.00N/0935000.00W	1154 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

RIGHT BASE AREA

FROM	TO
358/30 CW 088/30	XERMY

RNP	DISTANCE	PAT	MAP	HAT	HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
WINDMILL (19-028097)	404554.41N/0942832.75W	1698	250	50	4D	1000				AT502	3200
TERRAIN	404818.00N/0943757.00W	1302 (1300)								AS1500	2800

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM	TO
VUGHO	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.46				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-001493)	404852.00N/0935016.00W	1623	500	50	5D	1000				AT577	3200
TERRAIN	404809.00N/0935000.00W	1154 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA	1131	RNAV

INITIAL

FROM	TO
XERMY	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.46				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-000985)	404908.00N/0940200.00W	1485	500	50	5D	1000				AT715	3200
TERRAIN	404757.00N/0940221.00W	1213 (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	TO
TOQIC (IF/IAF)	QUTMU

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	4.91				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (19-001127)	404530.90N/0935019.81W	1544	250	50	4D	500				AT756	2800
TERRAIN	404636.00N/0935621.00W	1154 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

FINAL: LPV

FROM	TO
QUTMU	RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.09		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (19-056134)	403820.03N/0935403.21W	1178	20	3	1A		34:1				1381

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM	TO
QUTMU	RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.09		DA	250	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1381

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
QUTMU	RW18

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	5.09		RW18	369	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404130.00N/0935436.00W	1250	215	8	4B	250					1500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

HOLD-IN-LIEU OF PT

FROM	TO
TOQIC	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 (19-001493)	404852.00N/0935016.00W	1623	500	50	5D	1000					2700
TERRAIN	405803.00N/0935730.00W	1207 (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	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					1193

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (19-001127)	404530.90N/0935019.81W	1544	250	50	4D	1000					2600
TERRAIN	403912.00N/0935715.00W	1167 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					1220

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (19-001127)	404530.90N/0935019.81W	1544	250	50	4D	1000					2600
TERRAIN	403912.00N/0935715.00W	1167 (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
RW18	TOQIC

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1400

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (19-001127)	404530.90N/0935019.81W	1544	250	50	4D	1000					2600
TERRAIN	403912.00N/0935715.00W	1167 (1200)								AS1500	2700

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA	1131	RNAV

CIRCLING [ ] ALL CATS [X] CAT A [X] CAT B [X] CAT C [X] CAT D [ ] CAT E [ ] NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
SIGN (19-056003)	403722.03N/0935346.38W	1.30	389	1207	20	3	1A	300			1520
CATEGORY B											
TOWER (19-001268)	403842.50N/0935150.84W	1.85	589	1414	20	3	1A	300			1720
CATEGORY C											
TOWER (19-001268)	403842.50N/0935150.84W	2.90	589	1414	20	3	1A	300			1720
CATEGORY D											
TOWER (19-001268)	403842.50N/0935150.84W	3.79	589	1414	20	3	1A	300			1720

CIRCLING REMARKS:

MSA/ESA

CENTER **RADIUS**

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, FOD FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	LWD	24	LWD		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	I75	24	I75	26.97	Y	66

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KLWD 1131, KI75 1104
RA = 65.8.
RASS PRESSURE PATTERNS THE SAME
KLWD 1131, KI75 1104.
RA = 65.9

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

QUALITY 20 CHECKED

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL)	NPI-F	
RW36 - MIRL (PCL)	NPI-F	

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
LWD	RNAV (GPS) RWY 18	1A	LAMONI	IA	1131	RNAV

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	1128.7	50.0				

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
-21C	+54C	-22C	+12.76C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2016-2020).
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 970 HIGH TEMP 1280.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV AND LNAV/VNAV
34:1	
1141 TREE (19-056112) 403818.05N/0935404.43W (4.21)	1142 TREE (19-056098) 403818.48N/0935409.72W (4.19)
1141 TREE (19-056032) 403818.33N/0935409.75W (3.64)	1140 TREE (19-056105) 403818.01N/0935409.89W (3.6)
1140 TREE (19-056117) 403818.93N/0935409.63W (0.85)	1148 TREE (19-056029) 403821.58N/0935404.07W (0.69)
PENETRATIONS REMARKS:	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

QUALITY 20 CHECKED

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE I75 ALTIMETER SETTING AND INCREASE LPV DA TO 1447 FEET; INCREASE LNAVVNAV DA TO 1447 FEET; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING I75 ALTIMETER SETTING.

100' TREES PER FPT.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1273 AAO 404306.00N/0935424.00W.

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**	2.89
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	181.23
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	1100
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.69
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.76
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	181.23
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	1100

THRESHOLD COORDINATES (IF STR-IN)	403813.41N/0935407.54W
ARP COORDINATES	403756.61N/0935408.01W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 18 DISTANCE 0.28 NM
FAF COORDINATES	404318.99N/0935358.96W
FIX NAME COORDINATES	IF/IAF TOQIC 404813.72N/0935350.69W

REMARKS

TAA 30 MILE RADIUS:
TAA STRAIGHT-IN: TOQIC (404813.720N/0935350.690W) 088 CW 268
VUGHO (404805.150N/0934520.420W) 268/30 CW 358/30
XERMY (9404821.660N/0940221.00W) CW 358 CW 088

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RAYMOND JOHNSON	AJV-A422	12/03/2025	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 20 CHECKED