

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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.

<u>AIRPORT ID</u> MDW	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 13L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> CHICAGO	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 620	<u>TDZE</u> 611	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 13L	<u>DATED</u> 06/12/2025	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2015
				<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>
ZABNU	IAF	TOYUL		TF	FB	1.00	052.20	14.94	3000
TOYUL	IF	GIKLE		TF	FB	1.00	041.64	5.39	2500
GIKLE		AAMEE		TF	FB	0.30	056.72	5.08	2000
TINLY	IF	OOPLA		TF	FB	1.00	320.14	10.28	4000
OOPLA		GIKLE		RF	FB	1.00	(4.21 NM RADIUS CW (CFMLL))	7.11	2500
PLOPP	IF	YUCAN		TF	FB	1.00	317.50	3.47	3000
YUCAN		SCRAT		TF	FB	1.00	317.47	1.69	2000
SCRAT		AAMEE		RF	FB	0.30	(1.94 NM RADIUS CW (CFLTP))	3.36	2000
AAMEE		RUDDY		RF	FB	0.30	(3.01 NM RADIUS CW (CFLRP))	3.27	2000
RUDDY		NAANN		RF	FB	0.30	(5.12 NM RADIUS CW (CFLJJ))	1.64	1600
NAANN	PFAF	RW13L	MAP	TF	FO	0.30	137.52	2.97	
RW13L	MAP	1100 MSL		CA			137.52		1100
1100 MSL		EON VORTAC		DF	FO	1.00			2600

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2600 DIRECT EON VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT AAMEE														
3.	FAC:	137.52	FAF:	NAANN	DIST FAF TO MAP:	DIST FAF TO THLD:									
4.	MIN ALT:	AAMEE 2000, RUDDY 2000, NAANN 1600													
5.	DIST TO THLD FROM PFAF:	2.97	MM:	IM:	150 HAT:	274 HAT:	0.72	GS ANT:							
6.	MIN GP INCPT:	1600	GP ALT AT PFAF:	NAANN 1600		OM:		MM:		IM:					
7.	GP ANGLE:	3.00	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	46.0							
8.	MSA FROM:	RW13L 3400													

PBN REQUIREMENTS NOTE:

RNP AR APCH – GPS, RF, MIN RNP 0.30. AUTHORIZATION REQUIRED.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C OR ABOVE 54°C.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART SPEED ICON IN PLANVIEW AT PLOPP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT YUCAN: MAX 180 KIAS.
CHART SPEED ICON IN PLANVIEW AT SCRAT: MAX 180 KIAS.
CHART SPEED ICON IN PLANVIEW AT AAMEE: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 181.00 INBOUND.
CHART MANDATORY 3000 AT TOYUL.
CHART MANDATORY 4000 AT ZABNU.
CHART MANDATORY 2500 AT GIKLE.
CHART MANDATORY 2000 AT AAMEE.
CHART MANDATORY 4000 AT OOPLA.
CHART MANDATORY 3000 AT YUCAN.
CHART MANDATORY 4000 AT PLOPP.
CHART MANDATORY 2000 AT SCRAT.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	885	4500	274	885	4500	274	885	4500	274	885	4500	274			
RNP 0.20 DA	1005	6000	394	1005	6000	394	1005	6000	394	1005	6000	394			
RNP 0.30 DA	1051	1 1/4	440	1051	1 1/4	440	1051	1 1/4	440	1051	1 1/4	440			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED COURSE FOR TOYUL TO GIKLE SEGMENT FROM "052.36" TO "041.64" AND DISTANCE FROM "5.15" TO "5.39" – FIX GIKLE MOVED
2. TERMINAL ROUTES: CHANGED GIKLE TO JUPIR SEGMENT TO GIKLE TO AAMEE "GIKLE AAMEE TF FB 1.00 056.72 5.08 2000" - JUPIR REMOVED FROM PROCEDURE
3. TERMINAL ROUTES: ADDED AAMEE TO RUDDY SEGMENT "AAMEE RUDDY RF FB 0.30 (3.01 NM RADIUS CW (CFLRP)) 3.27 2000" – ATC REQUEST
4. TERMINAL ROUTES: CHANGED COURSE FOR TINLY TO OOPLA FROM "320.03" TO "320.14" AND DISTANCE FROM "9.48" TO "10.28" – FIX OOPLA MOVED
5. TERMINAL ROUTES: CHANGED OOPLA TO GIKLE SEGMENT FROM "OOPLA GIKLE RF FB 1.00 (4.02 NM RADIUS CW (CFBDP)) 6.84 2500" TO "OOPLA GIKLE RF FB 1.00 (4.21 NM RADIUS CW (CFMLL)) 7.11 2500" – FIXES OOPLA AND GIKLE MOVED
6. TERMINAL ROUTES: CHANGED YUCAN TO JUPIR SEGMENT TO YUCAN TO SCRAT "YUCAN SCRAT TF FB 1.00 317.47 1.69 2000" – JUPIR REMOVED FROM PROCEDURE PER ATC REQUEST
7. TERMINAL ROUTES: ADDED SCRAT TO AAMEE SEGMENT "SCRAT AAMEE RF FB 0.30 (1.94 NM RADIUS (CFLTP)) 3.36 2000" – ATC REQUEST
8. TERMINAL ROUTES: ADDED AAMEE TO RUDDY SEGMENT "AAMEE * RUDDY RF FB 0.30 (3.01 NM RADIUS CW (CFLRP)) 3.27 2000" – ATC REQUEST
9. TERMINAL ROUTES: ADDED RUDDY TO NAANN SEGMENT "RUDDY * NAANN RF FB 0.30 (5.12 NM RADIUS CW (CFLJJ)) 1.64 1600" – ATC REQUEST
10. TERMINAL ROUTES: REMOVED NIDEE TO DULTE SEGMENT – BOTH FIXES CANCELLED/REMOVED PER ATC REQUEST
11. TERMINAL ROUTES: REPLACED DULTE TO RW13L SEGMENT WITH NAANN TO RW13L "NAANN PFAF RW13L MAP TF FO 0.30 137.52 2.97" – ATC REQUEST
12. PROFILE LINE 2: CHANGED FROM "PROFILE STARTS AT JUPIR" TO "PROFILE STARTS AT AAMEE" – JUPIR REMOVED FROM PROCEDURE
13. PROFILE LINE 3: CHANGED FROM "FAC: * PFAF: NIDEE" TO "FAC: 137.52" – NIDEE CANCELLED/REMOVED FROM PROCEDURE
14. PROFILE LINE 4: CHANGED FROM "MIN ALT: JUPIR 2000, NIDEE 2000" TO "MIN ALT: AAMEE 2000, RUDDY 2000, NAANN 1600" – JUPIR/NIDEE REMOVED FROM PROCEDURE
15. PROFILE LINE 5: CHANGED FROM "DIST TO THLD FROM PFAF: 4.23 MM: IM: 150 HAT: 274 HAT: 0.73:" TO "5. DIST TO THLD FROM PFAF: 2.97 MM: IM: 150 HAT: 274 HAT: 0.72 GS ANT:" – PFAF CHANGED FROM NIDEE TO NAANN
16. PROFILE LINE 6: CHANGED FROM "MIN GP INCPT: 2000 GP ALT AT PFAF: NIDEE 2000, DULTE 1609" TO "MIN GP INCPT: 1600 GP ALT AT PFAF: NAANN 1600" – NIDEE AND DULTE REMOVED FROM PROCEDURE
17. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP AR APCH - GPS, RF. AUTHORIZATION REQUIRED." TO "RNP AR APCH - GPS, RF, MIN RNP 0.30. AUTHORIZATION REQUIRED." – IAW 8260.19K IMPLEMENTATION MEMO
18. NOTES: REMOVED NOTE "CHART SPEED ICON IN PLANVIEW AT JUPIR: MAX 210 KIAS." – JUPIR REMOVED FROM PROCEDURE
19. NOTES: ADDED NOTE "CHART SPEED ICON IN PLANVIEW AT AAMEE: MAX 180 KIAS." – ATC REQUEST
20. NOTES: ADDED NOTE "CHART SPEED ICON IN PLANVIEW AT YUCAN: MAX 180 KIAS." – ATC REQUEST
21. NOTES: ADDED NOTE "CHART SPEED ICON IN PLANVIEW AT SCRAT: MAX 180 KIAS." – ATC REQUEST
22. NOTES: CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21°C OR ABOVE 54°C." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -20°C OR ABOVE 54°C." – NEW COLD WEATHER DATA
23. ADDITIONAL FLIGHT DATA: REMOVED NOTE "CHART MANDATORY 2000 AT JUPIR." – JUPIR REMOVED FROM PROCEDURE
24. ADDITIONAL FLIGHT DATA: ADDED NOTE "CHART MANDATORY 2000 AT SCRAT." – ATC REQUEST
25. ADDITIONAL FLIGHT DATA: ADDED NOTE "CHART MANDATORY 2000 AT AAMEE." – ATC REQUEST.
26. ADDITIONAL FLIGHT DATA: ADDED NOTE "CHART MANDATORY 2000 AT SCRAT." – ATC REQUEST.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ORD APP CON, MDW ATCT, ZAU ARTCC, AMGR.

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

DEVON KERCHER

OFFICE

DATE

AJV-A431

02/09/2026

APPROVED BY

ROBERT G HAMILTON

OFFICE

DATE

TITLE

AJV-A431

09/24/2026

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>
MDW	RNAV (RNP) Y RWY 13L	1	CHICAGO	IL	620	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM ZABNU **TO** TOYUL

RNP 1.00 DISTANCE 14.94 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	414218.00N/0880200.00W	991	215	8	4B	1000				AT1001 AC8	3000
TERRAIN	414327.00N/0880618.00W	754 (800)								AS1500	2300

COMPUTATIONS

TF TURN FIX ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE
ZABNU-TOYUL 4000 250 272.30 3380.20 47.43 3.12 25.49 3.12 90.00

SEGMENT REMARKS:

INTERMEDIATE

FROM TOYUL **TO** GIKLE

RNP 1.00 DISTANCE 5.39 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 (17-000115)	414458.00N/0880157.00W	1078	50	20	2C	500				AC20 AT902	2500
TERRAIN	414348.00N/0880506.00W	875 (900)								AS1500	2400

COMPUTATIONS

TF TURN FIX ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE
TOYUL-GIKLE 3000 250 268.20 2380.20 48.02 3.06 25.49 3.06 90.00

SEGMENT REMARKS:



INTERMEDIATE STEPDOWN

FROM

GIKLE

TO

AAMEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.08				

<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	414721.00N/0875833.00W	981	215	8	4B	500				AC8 AT511	2000
TERRAIN	414721.00N/0875833.00W	780 (800)								AS1000	1800

COMPUTATIONS

TF TURN FIX

GIKLE-AAMEE

ALT

2500

KIAS

250

KTAS

266.18

HAA

1880.20

VKTW

44.14

TR

10.64

BA

7.52

DTA

1.40

COURSE CHANGE

15.03

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

TINLY

TO

OOPLA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	10.28				

<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 (17-000002)	413320.00N/0875055.00W	1330	50	50	2D	500				AC50 AT2120	4000
TERRAIN	413600.00N/0875800.00W	807 (800)								AS1500	2300

COMPUTATIONS

TF TURN FIX

TINLY-OOPLA

ALT

6570

KIAS

250

KTAS

283.26

HAA

5950.48

VKTW

46.34

TR

3.32

BA

25.49

DTA

3.32

COURSE CHANGE

90.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE STEPDOWN

FROM

OOPLA

TO

GIKLE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	7.11				

<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 (17-000115)	414458.00N/0880157.00W	1078	50	20	2C	500				AC20 AT902	2500
TERRAIN	414351.00N/0880442.00W	872 (900)								AS1500	2400

COMPUTATIONS

RF SEGMENT

OOPLA-GIKLE

ALT

4000

KIAS

250

KTAS

272.30

HAA

3380.20

VKTW

48.78

TR

4.21

BA

19.62

DTA

0.00

COURSE CHANGE

0.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFMLL)

SEGMENT REMARKS:

INTERMEDIATE

FROM

PLOPP

TO

YUCAN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	3.47				

<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	414324.00N/0875127.00W	949	215	8	4B	500				AC8 AT1543	3000
TERRAIN	414324.00N/0875127.00W	748 (700)								AS1500	2200

COMPUTATIONS

TF TURN FIX

PLOPP-YUCAN

ALT

4000

KIAS

210

KTAS

228.73

HAA

3380.20

VKTW

49.13

TR

2.36

BA

25.49

DTA

2.36

COURSE CHANGE

90.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE STEPDOWN

FROM

YUCAN

TO

SCRAT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	1.69										
<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	414636.00N/0875636.00W	942	215	8	4B	500				AC8 AT550	2000
TERRAIN	414536.00N/0875621.00W	738 (700)								AS1000	1700

COMPUTATIONS

TF TURN FIX

YUCAN-SCRAT

ALT

3000

KIAS

210

KTAS

225.28

HAA

2380.20

VKTW

48.69

TR

2.44

BA

24.15

DTA

0.00

COURSE CHANGE

0.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM

SCRAT

TO

AAMEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.36										
<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	414730.00N/0875545.00W	935	215	8	4B	500				AC8 AT557	2000
TERRAIN	414730.00N/0875554.00W	734 (700)								AS1000	1700

COMPUTATIONS

RF SEGMENT

SCRAT-AAMEE

ALT

2100

KIAS

180

KTAS

190.50

HAA

1480.20

VKTW

41.55

TR

1.94

BA

22.06

DTA

0.00

COURSE CHANGE

0.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFLTP)

SEGMENT REMARKS:



INTERMEDIATE STEPDOWN

FROM

AAMEE

TO

RUDDY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	3.27				

<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 (17-002919)	415033.70N/0875154.20W	887	500	50	5D	500				AC50 AT563	2000
TERRAIN	415042.00N/0875436.00W	666 (700)								AS1000	1700

COMPUTATIONS

RF SEGMENT

AAMEE-RUDDY

ALT

2100

KIAS

180

KTAS

190.50

HAA

1480.20

VKTW

39.70

TR

3.01

BA

14.39

DTA

0.00

COURSE CHANGE

0.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFLRP)

SEGMENT REMARKS:

INTERMEDIATE STEPDOWN

FROM

RUDDY

TO

NAANN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.64				

<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	415021.00N/0875009.00W	840	215	8	4B	500				AC8	1400
TERRAIN	415021.00N/0875009.00W	639 (600)								AS1000	1600

COMPUTATIONS

RF SEGMENT

RUDDY-NAANN

ALT

2100

KIAS

180

KTAS

190.50

HAA

1480.20

VKTW

27.51

TR

5.12

BA

7.71

DTA

0.00

COURSE CHANGE

0.00

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

(CFLJJ)

SEGMENT REMARKS:



FINAL

FROM

NAANN

TO

RW13L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.10	2.97		DA				274				
<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>
SPIRE (17-003062)	414739.65N/0874607.48W	682	20	3	1A		22.15:1			AC3	885

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

NAANN

TO

RW13L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.20	2.97		DA				394				
<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>
WATER_TOWER (17-040358)	414818.00N/0874620.58W	757	20	3	1A		22.13:1			AC3 XP2	1005

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - RETAIN CURRENT MINIMUMS



FINAL

FROM

NAANN

TO

RW13L

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
0.30	2.97		DA			440					
<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>
SIGN (17-021680)	414827.22N/0874632.46W	712	500	50	5D		22.11:1			AC50 XP3	1051

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - RETAIN CURRENT MINIMUMS

MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

EON VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
0.10-1.00									724		
<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				2600
TOWER (17-002211)	412715.00N/0874322.00W	1290	500	50	5D	1000					2300
TERRAIN	412448.00N/0874600.00W	836 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

EON VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.20-1.00											844
<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				2600
TOWER (17-002211)	412715.00N/0874322.00W	1290	500	50	5D	1000					2300
TERRAIN	412448.00N/0874600.00W	836 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LEVEL SURFACE

FROM

DA

TO

EON VORTAC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											890
<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				2600
TOWER (17-002211)	412715.00N/0874322.00W	1290	500	50	5D	1000					2300
TERRAIN	412448.00N/0874600.00W	836 (800)								AS1500	2300

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



MSA

CENTER

RW13L

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	BUILDING (17-000687)	415244.00N/0873809.00W	050	7.7	2325	50	50	2D	1000			3400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ORD APP CON, MDW TOWER, ZAU ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	MDW	24	MDW		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

BACKUP ALTIMETER SOURCE NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT AIRPORT.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW13R - MIRL		BSC-G	
RW31L - MIRL		BSC-G	
RW04L - MIRL, PAPI-4L		NPI-G	
RW22R - MIRL, PAPI-4L		NPI-G	
RW04R - C/LINE, HIRL, REIL, PAPI-4L		PIR-G	APPROACH, ROLL OUT
RW13L - LDIN, C/LINE, HIRL, PAPI-4R		PIR-G	APPROACH, ROLL OUT
RW22L - C/LINE, REIL, HIRL, PAPI-4R		PIR-G	APPROACH, ROLL OUT
RW31R - LDIN, HIRL, REIL, C/LINE, PAPI-4L		PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	609.1	46.0			3.00	47.3

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	463
ON CENTERLINE	X	FT FROM CENTERLINE		



CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-20C	+54C	-20C	+13.77C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2021-2025).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 963 HIGH TEMP 1270.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	RNP 0.10, 0.20, 0.30		
34:1			
639 TRANSMISSION_LINE (17-024991) 414732.18N/0874549.10W (2.08)			
<u>PENETRATIONS REMARKS:</u>			

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - RNP PROCEDURE.

100 FT VEGETATION USED PER FPT.

MISSED APPROACH: FAAO 8260.58 (RNAV MA).

RNP 0.2 AND RNP 0.1 MINIMA REQUESTED BY LEAD USER. MANAGEMENT AGREED TO ADDING THESE ADDITIONAL LINES OF MINIMA TO PROCEDURE BECAUSE RNP 0.2 AND RNP 0.1 PROVIDES AN OPERATIONAL ADVANTAGE EVEN THOUGH THEY DO NOT GIVE A 50 FT DA REDUCTION OR 1/4 SM VISIBILITY REDUCTION.

PENDING APPROVAL LETTER FOR MANDATORY ALTITUDES.

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	2.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	133.52
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	*
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	*
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	*
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	*

THRESHOLD COORDINATES (IF STR-IN)	414726.51N/0874535.42W
ARP COORDINATES	414708.32N/0874509.82W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 22L DISTANCE 0.58 NM
FAF COORDINATES	414929.33N/0874828.19W
FIX NAME COORDINATES	

REMARKS

GIKLE TO AAMEE*: 1500' POINT OCCURS 0.40 NM FROM GIKLE, DISTANCE FROM THLD TO 1500FT POINT: 12.56 NM, WIDTH OF INTERMEDIATE SEGMENT AT 1500FT POINT: 1.20 NM, TRUE COURSE OF INTERMEDIATE SEGMENT CONTAINING 1500FT POINT: 052.72°, HIGH TERRAIN IN INTERMEDIATE SEGMENT CONTAINING 1500FT POINT: 800 MSL, SEGMENT RNP VALUE: 0.30.

YUCAN TO SCRAT: 1500' POINT OCCURS 1.60 NM FROM YUCAN, DISTANCE FROM THLD TO 1500FT POINT: 11.33 NM, WIDTH OF INTERMEDIATE SEGMENT AT 1500FT POINT: 4.00 NM, TRUE COURSE OF INTERMEDIATE SEGMENT CONTAINING 1500FT POINT: 313.47°, HIGH TERRAIN IN INTERMEDIATE SEGMENT CONTAINING 1500FT POINT: 700 MSL, SEGMENT RNP VALUE: 1.00. THLD DISPLACED 463FT, ACTUAL COORDINATES: 414729.67N/0874539.85W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DEVON KERCHER	AJV-A431	02/09/2026	AERONAUTICAL INFORMATION SPECIALIST