

**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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
C03	RNAV (GPS)-A	ORIG	NAPPANEE	IN	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
860				0E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			NONE 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>
FEVAX	IAF	ENDOF	NOPT	TF	FB	1.00	194.25	5.16	3000
DRNAA	IAF	ENDOF	NOPT	TF	FB	1.00	071.77	9.93	3000
ENDOF	IF/IAF	CPONE		TF	FB	1.00	138.04	5.00	2600
CPONE	FAF	MAFDE	MAP	TF	FO	0.30	138.09	6.19	
MAFDE	MAP	1260 MSL		CA			138.09		
1260 MSL		ENDOF		DF	FO	1.00			3000

MISSED APPROACH

MAP:
MAFDE

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3000 DIRECT ENDOF AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- HOLD NW ENDOF, RT, 138.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 138.09 **FAF:** CPONE **DIST FAF TO MAP:** 6.19 **DIST FAF TO THLD:**
- MIN ALT:** ENDOF 3000, CPONE 2600
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS NOT CLEAR **TCH:**
- MSA FROM:** ARP C03 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE SBN ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART SBN ASOS.
FAS OBST: 1080 AAO 412942N/0855845W.
FAC CROSSES MIDPOINT OF RWY 9, 27.

MINIMUMS:

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

ALTERNATE: NA

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
CIRCLING	1420	1	560	1420	1	560		NA			NA					

CHANGES - REASONS

02/05/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/26/2024.
PROFILE LINE 4: ADDED ENDOF 3000, DELETED MAFDE 1420.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: CHI ARTCC, SBN ATCT, AMGR

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by
CASIMIR L TABAKA
Jan 27, 2025

OFFICE

AJF

DATE

01/24/2025

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
CASIMIR L TABAKA
Dec 26, 2024

OFFICE

AJV-A432

DATE

09/20/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Dec 26, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER



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

<u>AIRPORT ID</u> C03	<u>PROCEDURE NAME</u> RNAV (GPS)-A	<u>AMDT NO.</u> ORIG	<u>CITY</u> NAPPANEE	<u>STATE</u> IN	<u>AIRPORT ELEVATION</u> 860	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL
FROM FEVAX **TO** ENDOF

RNP DISTANCE PAT MAP HAT HMAS
1.00 5.16

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-000703)	413632.38N/0860525.90W	1309	100	20	3C	1000				AT691	3000
TERRAIN	413557.00N/0860845.00W	862 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL
FROM DRNAA **TO** ENDOF

RNP DISTANCE PAT MAP HAT HMAS
1.00 9.93

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-000551)	413540.00N/0860938.00W	1832	500	50	5D	1000				AT168	3000
TERRAIN	413433.00N/0861706.00W	915 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
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PROCEDURE NAME
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STATE
IN

AIRPORT ELEVATION
860

FACILITY
RNAV

INTERMEDIATE

FROM
ENDOF (IF/IAF)

TO
CPONE

RNP
1.00

DISTANCE
5.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (18-000703)	413632.38N/0860525.90W	1309	100	20	3C	500				AT791	2600
TERRAIN	413154.00N/0860121.00W	859 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
CPONE

TO
MAFDE

RNP
0.30

DISTANCE
6.19

PAT

MAP
MAFDE

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	412942.00N/0855845.00W	1080	215	8	4B	250				RA66 XL10	1420

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
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NAPPANEE

STATE
IN

AIRPORT ELEVATION
860

FACILITY
RNAV

HOLD-IN-LIEU OF PT

FROM ENDOF **TO** 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 (18-002311)	413655.00N/0861107.00W	1949	500	50	5D	1000					3000
TERRAIN	413830.00N/0861142.00W	925 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM MAFDE **TO** ENDOF

RNP **DISTANCE** **PAT** **MAP** **HAT** **HMAS**
0.30-1.00 1244

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (18-000703)	413632.38N/0860525.90W	1309	100	20	3C	1000					2400
TERRAIN	412824.00N/0855657.00W	931 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
C03

PROCEDURE NAME
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STATE
IN

AIRPORT ELEVATION
860

FACILITY
RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

SBN APP CON, CHI ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	SBN	24	SBN	23.26	Y	66

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
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WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
C03 860, SBN 773
RA = 65.6.
NO SUITABLE BACKUP ALTIMETER WITHIN 75 NM.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MIRL (PCL)	BSC-G	
RW27 - MIRL (PCL)	BSC-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

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



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FACILITY
RNAV

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED PER FPT.

VDP NA - CIRCLING ONLY PROCEDURE.

MAGVAR NOT UPDATED AT THIS TIME DUE TO AIRPORT ASSOCIATED COST WITH RUNWAY RE-NUMBERING.

TAA NOT DEVELOPED PER ATC.

FAC CROSSES MIDPOINT OF RWY 9, 27: (412646.17N/0855609.77W).

34:1, 20:1 PENETRATIONS ASSUMED - NO SURVEY.

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	MAP	TO 1000FT POINT	3.86
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	138.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	MAP	TO 1500FT POINT	5.79
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	138.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	412646.17N/0855609.77W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 9 DISTANCE 0.30 NM
FAF COORDINATES	413130.72N/0860149.10W

FIX NAME COORDINATES

REMARKS

FAC CROSSES MIDPOINT OF RWY 9, 27: (412646.17N/0855609.77W).

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (ROBERT A. SWINSON)	AJV-A432	09/20/2024	AERONAUTICAL INFORMATION SPECIALIST

