

**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> 14Y	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> LONG PRAIRIE	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 1332	<u>TDZE</u> 1330	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
BRNRD		OKOMY		TF	FB	1.00	210.78	46.34	3000
OKOMY	IAF	SALBE	NOPT	TF	FB	1.00	276.37	7.88	3000
TESEE	IAF	SALBE	NOPT	TF	FB	1.00	073.68	7.68	3000
SALBE	IF/IAF	JEXES		TF	FB	1.00	343.81	6.10	2900
JEXES	FAF	ZEDES/1.64 NM TO RW34		TF	FB	0.30	343.78	3.17	
ZEDES/1.64 NM TO RW34		RW34	MAP	TF	FO	0.30	343.78	1.64	
RW34	MAP	1732 MSL		CA			343.78		
1732 MSL		SALBE		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 3000 DIRECT SALBE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S SALBE, RT, 343.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 343.78	FAF: JEXES		DIST FAF TO MAP: 4.81	DIST FAF TO THLD: 4.81	
4. MIN ALT: SALBE 3000, JEXES 2900, ZEDES/1.64 NM TO RW34 1880					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF:			OM:	MM: IM:
7. GP ANGLE:	34:1: IS CLEAR	20:1: IS CLEAR	TCH:		
8. MSA FROM: RW34 3600					

QUALITY
6
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: CIRCLING TO RWY 16 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OKOMY ON V2 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRNRD ON T383 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TESEE ON V171 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1489 TREE 455315N/0945121W.
JEXES TO RW34: 3.00/40.
CHART CIRCLING ICON.

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
LNAV MDA	1740	1	410	1740	1	410	1740	1 1/8	410		NA				
CIRCLING	1840	1	508	1840	1	508	1960	1 3/4	628		NA				

CHANGES - REASONS

1. PBN REQUIREMENTS NOTE: CHANGED FROM "RNP APCH." TO "RNP APCH - GPS." - 8260.19J 8-6-8.B (2).
2. MINIMUMS: CIRCLING CAT C MDA, VIS, HAA CHANGED FROM "1880, 1 1/2, 548" TO "1960 1 3/4 628" - CLEARS NOTAM FDC 4/5633

COORDINATED WITH:

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

FLIGHT CHECKED BY

SHAWN D MAXWELL

Digitally signed by

CASEY D HILL

May 07, 2025

OFFICE

AJF

DATE

05/06/2025

DEVELOPED BY

COLE NESBITT

Digitally signed by

COLE B NESBITT

Feb 11, 2025

OFFICE

AJV-33

DATE

11/15/2024

APPROVED BY

JOHN BORDY

Digitally signed by

CASEY D HILL

Feb 14, 2025

OFFICE

AJV-33

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>
14Y	RNAV (GPS) RWY 34	3A	LONG PRAIRIE	MN	1332	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM BRNRD **TO** OKOMY

RNP 1.00 **DISTANCE** 46.34 **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	461427.00N/0940403.00W	1611	164	98	4E	1000				AT389	3000
TERRAIN	461427.00N/0940403.00W	1410 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM OKOMY **TO** SALBE

RNP 1.00 **DISTANCE** 7.88 **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 (27-001768)	454453.87N/0944442.05W	1717	500	50	5D	1000				AT283	3000
TERRAIN	454457.00N/0944530.00W	1410 (1400)								AS1500	2900

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

TESEE

TO

SALBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.68										
<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>
WINDMILL (27-026949)	454013.90N/0945908.17W	1843	500	50	5D	1000				AT157	3000
TERRAIN	454148.00N/0945921.00W	1335 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

SALBE (IF/IAF)

TO

JEXES

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.10										
<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 (27-001768)	454453.87N/0944442.05W	1717	500	50	5D	500					2300
TERRAIN	454815.00N/0945233.00W	1446 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

JEXES

TO

ZEDES/1.64 NM TO RW34

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.17										
<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	455007.51N/0945143.32W	1540	50	20	2C	250				RA80	1880

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

ZEDES/1.64 NM TO RW34

TO

RW34

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	1.64		RW34		410						
<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>
TREE	455314.72N/0945121.07W	1489	50	20	2C	250					1740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

SALBE

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<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 (27-001768)	454453.87N/0944442.05W	1717	500	50	5D	1000				AT283	3000
TERRAIN	454551.00N/0945209.00W	1440 (1400)								AS1500	2900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW34

TO

SALBE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 1630				
<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				3000
3. TOWER (27-001768)	454453.87N/0944442.05W	1717	500	50	5D						2800
TERRAIN	454818.00N/0945236.00W	1450 (1500)								AS1500	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AIRPORT ID

14Y

PROCEDURE NAME

RNAV (GPS) RWY 34

AMDT NO.

3A

CITY

LONG PRAIRIE

STATE

MN

AIRPORT ELEVATION

1332

FACILITY

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	455300.17N/0945046.55W	1.31	508	1529	50	20	2C	300			1840
CATEGORY B											
TREE	455300.17N/0945046.55W	1.85	508	1529	50	20	2C	300			1840
CATEGORY C											
TOWER (27-090728)	455207.79N/0945415.82W	2.92	628	1660	20	3	1A	300			1960

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW34	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (27-001046)	454159.00N/0951037.00W	226	17.3	2545	500	50	5D	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZMP ARTCC, PNM FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	14Y	24	14Y	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	AXN	24	AXN	21.85	Y	64

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K14Y 1332, KAXN 1425
RA = 63.6

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW16 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW34 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	21.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 16
20:1	
1358 TREE (27-04300) 455414.37N/0945235.14W (1.87)	
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.
CONTINGENCY ALTIMETER NOTE FOR TODD FIELD: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AXN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, LNAV CAT C VISIBILITIES 1/4 SM, AND CIRCLING CAT C VISIBILITIES 1/4 SM.
VDP NOT ESTABLISHED. - IT IS WITHIN 0.5NM OF FINAL FIX (JEXES).
TAA NOT DEVELOPED PER AIR TRAFFIC REQUEST.
100' VEGETATION HEIGHT PER FPT.
LPV AND LNAV/VNAV NOT DEVELOPED PER FPT.
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	3.14
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	345.78
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	THLD	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	345.78
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD COORDINATES (IF STR-IN)	455334.59N/0945218.96W
ARP COORDINATES	455351.34N/0945225.04W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 34 DISTANCE 0.29 NM
FAF COORDINATES	454854.64N/0945037.35W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
COLE NESBITT	AJV-33	11/15/2024	AERONAUTICAL INFORMATION SPECIALIST