

**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> K01	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> AUBURN	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 924	<u>TDZE</u> 919	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 08/15/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 2E
				<u>EPOCH YEAR</u> 2020
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 248/30 CW 068/30	NOPT	ORAKE	IF/IAF	3600
2. 068/30 CW 158/30		WIGIT	IAF	3600
3. 158/30 CW 248/30		PRAAM	IAF	3600

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>
WIGIT	IAF	ORAKE	NOPT	TF	FB	1.00	068.36	6.50	3600
PRAAM	IAF	ORAKE	NOPT	TF	FB	1.00	248.53	6.50	3600
ORAKE	IF/IAF	ZUPIT		TF	FB	1.00	338.44	8.00	3000
ZUPIT	FAF	FEPOP/3.22 NM TO RW34		TF	FB	0.30	338.41	3.22	
FEPOP/3.22 NM TO RW34		RW34	MAP	TF	FO	0.30	338.41	3.22	
RW34	MAP	1175 MSL		CA			338.41		
1175 MSL		OLMEE		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3600 DIRECT OLMEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD S ORAKE, RT, 338.44 INBOUND, 3600 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	338.41	FAF:	ZUPIT	DIST FAF TO MAP:	6.44	DIST FAF TO THLD:	6.44							
4.	MIN ALT:	ORAKE 3600, ZUPIT 3000, FEPOP/3.22 NM TO RW34 1960													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		256 HAT:	0.71	GS ANT:				
6.	MIN GP INCPT:	3000	GP ALT AT PFAF:	ZUPIT 3000			OM:				MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT C W OF RWY 16-34.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE FNB ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART FNB ASOS
HOLD N, RT, 158.31 INBOUND.
CHART FAS OBST: 1071 TREE 402312N/0954630W.
WAAS CHANNEL # 42842
REFERENCE PATH ID: W34A
LTP HAE: 247.1 M

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
LPV DA	1175	1	256	1175	1	256	1175	1	256		NA				
LNAV/VNAV DA	1302	1 1/8	383	1302	1 1/8	383	1302	1 1/8	383		NA				
LNAV MDA	1400	1	481	1400	1	481	1400	1 3/8	481		NA				
CIRCLING	1500	1	576	1540	1	616	1580	1 3/4	656		NA				



CHANGES - REASONS

- 1. PROFILE LINE 3: DELETED “*” AT “FEPOP/3.22 NM TO RW34 1960*” AND CHART NOTE “*LNAV ONLY” – NOT REQUIRED IN CURRENT CRITERIA.
- 2. PROFILE LINE 5: CHANGED FROM “256 HAT: 0.68” TO “256 HAT: 0.71” – NEW EVALUATION AND IAW 8260.19J, 8-6-7.E.(3).
- 3. PBN REQUIREMENTS NOTE: CHANGED FROM “RNP APCH.” TO “RNP APCH – GPS.” – IAW 8260.19J, 8-6-8.B.
- 4. NOTES: CHART NOTE CHANGED FROM “USE BRENNER FIELD ALTIMETER SETTING.” TO “USE FNB ALTIMETER SETTING.” – IAW 8260.19J, 8-6-10.F.(6).
- 5. ADDITIONAL FLIGHT DATA: CHANGED FROM CHART BRENNER FIELD ASOS” TO “CHART FNB ASOS” – IAW 8260.19J, 8-2-4.B(3).
- 6. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM “1089 TREE 402048N/0954658W” TO “1071 TREE 402312N/0954630W” – NEW OBSTACLE EVALUATION.
- 7. ADDITIONAL FLIGHT DATA: DELETED “CHART CIRCLING ICON” – NO LONGER REQUIRED AND IAW FAA MEMO “REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN” DATED 09/30/2021.
- 8. MINIMUMS: ALL CIRCLING MDA/HAA INCREASED, CAT A FROM “1480/556” TO “1500/576”, CAT B FROM “1480/556” TO “1540/616”, AND CAT C FROM “1540/616” TO “1580/656” – NEW OBSTACLE EVALUATION AND CLEARS NOTAM FDC 5/0827.
- 9. FAS DATA: CRC REMAINDER CHANGED FROM “F4AA3812” TO “41E88CBD” – FPAF LATITUDE/LONGITUDE CHANGED FROM “02416.1595N/ 0954745.3765W” TO “02416.1590N/ 0954745.3765W”

COORDINATED WITH:

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

FLIGHT CHECKED BY

OFFICE **DATE**

DEVELOPED BY

CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)

OFFICE **DATE**
AJV-A432 05/07/2025

APPROVED BY

CASIMIR L. TABAKA

OFFICE **DATE** **TITLE**
AJV-A432 MANAGER



AIRPORT ID
K01

PROCEDURE NAME
RNAV (GPS) RWY 34

ORIGINAL/AMENDMENT
ORIG-B

CITY
AUBURN

STATE
NE

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K01
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	402252.1775N
LTP/FTP LONGITUDE	0954706.2055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02471
FPAP LATITUDE	402416.1590N
FPAP LONGITUDE	0954745.3765W
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	1608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	41E88CBD
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02768
FPAP ORTHOMETRIC HEIGHT	+02768



**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>
K01	RNAV (GPS) RWY 34	ORIG-B	AUBURN	NE	924	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
248/30 CW 068/30

TO
ORAKE

RNP DISTANCE 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 (20-000502)	395443.00N/0954828.00W	1810	500	50	5D	1000				AT790	3600
TERRAIN	400030.00N/0962045.00W	1572 (1600)								AS1500	3100

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM
068/30 CW 158/30

TO
WIGIT

RNP DISTANCE 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 (31-000465)	401101.00N/0962105.00W	1948	500	20	5C	1000				AT652	3600
TERRAIN	400015.00N/0961416.00W	1571 (1600)								AS1500	3100

COMPUTATIONS

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

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

158/30 CW 248/30

TO

PRAAM

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<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>
WINDMILL (29-025331)	402711.03N/0951206.08W	1666	250	50	4D	1000				AT934	3600
TERRAIN	403712.00N/0955630.00W	1257 (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

WIGIT

TO

ORAKE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	6.50										
<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	400903.00N/0954830.00W	1394	164	98	4E	1000				AT1206	3600
TERRAIN	400903.00N/0954830.00W	1194 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

PRAAM

TO

ORAKE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.50				

<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 (31-000656)	401219.00N/0953324.00W	1642	500	50	5D	1000				AT958	3600
TERRAIN	401318.00N/0953342.00W	1210 (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

ORAKE (IF/IAF)

TO

ZUPIT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	8.00				

<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 (31-000426)	401311.00N/0953956.00W	1643	50	20	2C	500				AT857	3000
TERRAIN	401324.00N/0954000.00W	1194 (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

ZUPIT

TO

RW34

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
0.30	6.44		DA	256							
<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			RA56	1175

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

ZUPIT

TO

RW34

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
0.30	6.44		DA	383							
<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	402312.00N/0954630.00W	1071	215	8	4B	150				AC8 RA56 XP17	1302

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CURRENT MINS.



FINAL: LNAV

FROM

ZUPIT

TO

FEPOP/3.22 NM TO RW34

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.22										
<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	401618.00N/0954533.00W	1349	215	8	4B	250				RA76 XL23 DG262	1960

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

FEPOP/3.22 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	3.22		RW34		481						
<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	402312.00N/0954630.00W	1071	215	8	4B	250				RA56 XP20	1400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP: MAINTAIN CURRENT MINS PER OBSTACLE IMPACT TEAM.



HOLD-IN-LIEU OF PT

FROM

ORAKE

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 (31-000426)	401311.00N/0953956.00W	1643	50	20	2C	1000				AT957	3600
TERRAIN	401148.00N/0953554.00W	1177 (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

DA

TO

OLMEE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 949			
<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				3600
TOWER (31-000293)	402739.30N/0954801.30W	1420	20	3	1A	1000					2500
TERRAIN	403527.00N/0955239.00W	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: LNAV/VNAV

FROM

DA

TO

OLMEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00										1096	
<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				3600
TOWER (31-000293)	402739.30N/0954801.30W	1420	20	3	1A	1000					2500
TERRAIN	403527.00N/0955239.00W	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: LNAV

FROM

RW34

TO

OLMEE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											1244
<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				3600
TOWER (31-000293)	402739.30N/0954801.30W	1420	20	3	1A	1000					2500
TERRAIN	403527.00N/0955239.00W	1207 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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	402418.00N/0954609.00W	1.30	576	1143	215	8	4B	300		RA56	1500
CATEGORY B											
TREE	402433.00N/0954527.00W	1.84	616	1173	215	8	4B	300		RA56	1540
CATEGORY C											
TREE	402527.00N/0954545.00W	2.89	656	1209	215	8	4B	300		RA56	1580

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

OLU FSS, ZKC ARTCC, ZMP ARTCC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	FNB	24	FNB	20.54	Y	56
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	AFK	24	AFK	13.63	Y	69

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K01 924
FNB 984, AFK 1189
RA = 55.6/68.4

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW16 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	
RW34 - MIRL (PCL), PAPI-2L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	908.3	40.0			3.00	40.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-16C	+54C	-16C	+13.17C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 828 HIGH TEMP 1178.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

60 FT VEGETATION USED PER FPT.

CAT A/B/C ONLY DEVELOPED PER FPT.

BARO-VNAV AND VDP NA - REMOTE ALTIMETER SETTING IN USE.

CONTINGENCY NOTE: USE FNB ALTIMETER SETTING, WHEN NOT RECEIVED, USE AFK ALTIMETER SETTING AND INCREASE LPV DA TO 1188 FEET. INCREASE LNAV/VNAV DA TO 1315 FEET. INCREASE ALL MDAS 20 FEET.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1277 AAO 401948.00N/0954515.00W.

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	3.62
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	340.41
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100
DISTANCE FROM	THLD	TO 1500FT POINT	5.64
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	340.41
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100

THRESHOLD COORDINATES (IF STR-IN)	402252.18N/0954706.21W
ARP COORDINATES	402312.00N/0954716.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 34 DISTANCE 0.36 NM
FAF COORDINATES	401647.79N/0954416.58W
FIX NAME COORDINATES	

REMARKS

TAA:

STRAIGHT-IN AREA (HIL): 248/30 CW 068/30 TO ORAKE 400915.20N/0954046.65W.

LEFT BASE AREA: 068/30 CW 158/30 TO WIGIT 400704.28N/0954845.69W.

RIGHT BASE AREA: 158/30 CW 248/30 TO PRAAM 401125.56N/0953247.10W.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (CHRISTOPHER D. WILKINSON)	AJV-A432	05/07/2025	AERONAUTICAL INFORMATION SPECIALIST

