

**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> UES	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WAUKESHA	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 912	<u>TDZE</u> 906	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 09/09/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 02/20/2025	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 1990
				<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>
HOANN		WIGBA		TF	FB	1.00	079.92	6.80	3000
WIGBA	IAF	WIDNO		TF	FB	1.00	170.03	6.50	3000
WIDNO	IF	WERBI		TF	FB	1.00	260.05	6.55	3000
WERBI	FAF	VOVVU/1.64 NM TO RW28		TF	FB	0.30	283.05	3.88	
VOVVU/1.64 NM RW28		RW28	MAP	TF	FO	0.30	283.05	1.64	
RW28	MAP	1400 MSL		CA			283.05		1400
1400 MSL		HAWKN		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HAWKN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WIDNO
- FAC: 283.05 FAF: WERBI DIST FAF TO MAP: 5.53 DIST FAF TO THLD: 5.53
- MIN ALT: WIDNO 3000, WERBI 3000, VOVVU/1.64 NM TO RW28 1560
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW28 2900



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.55 INBOUND.
CHART FAS OBST: 1238 TOWER (55-000809) 430130N/0881124W.
WERBI TO RW28: 3.49/45.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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	1500	1	594	1500	1	594	1500	1 3/4	594	1500	1 3/4	594			
CIRCLING	1500	1	588	1500	1	588	1540	1 3/4	628	1640	2 1/4	728			



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "911" TO "912" - PER CURRENT SURVEY DATA
2. FEEDER CHANGED FROM "WIGBA" TO NEW FIX "HOANN" - PER FPT REQUEST
3. TERMINAL ROUTES WIGBA TO WIDNO COURSE/DISTANCE CHANGED FROM 180.07/7.00 TO 170.03/6.50 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
4. TERMINAL ROUTES WIDNO TO WERBI COURSE/DISTANCE CHANGED FROM 270.07/6.10 TO 260.05/6.55 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
5. TERMINAL ROUTES WERBI TO VOVVU/1.50NM TO VEYUG FIX/COURSE/DISTANCE CHANGED FROM 269.97/3.95 TO VOVVU/1.64 TO RW28/283.05/3.87 - REDESIGN OF APPROACH TO AVOID MKE TRAFFIC
6. TERMINAL ROUTES VOVVU/1.50NM TO VEYUG FIX/COURSE/DISTANCE CHANGED FROM 269.91/1.30 TO VOVVU/1.64 TO RW28/283.05/1.64
7. MAP CHANGED FROM "VEYUG" TO "RW28" - FPT REQUEST
8. MISSED APPROACH CHANGED FROM "CLIMB TO 3000 DIRECT VAGYU AND RIGHT TURN VIA 011.87 TRACK AND HOLD" TO "CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HAWKN AND HOLD" - PER FPT REQUEST
9. FAC CHANGED FROM "269.97" TO "283.05" - MAP CHANGED TO THLD ON CENTERLINE, PER FPT REQUEST
10. UPDATED DISTANCE FAF TO MAP CHANGED FROM "5.25" TO "5.53" - MAP CHANGED FROM VEYUG TO RW28
11. LINE 4: MIN ALT CHANGED FROM "VOVVU/1.50 NM TO VEYUG 1640" TO "VOVVU/1.64 TO RW28 1560" - SDF MOVED TO 3.49/45 GP/TCH, MAP ON CENTERLINE, ON THLD
12. ADDED 20:1 IS NOT CLEAR - IAW 8260.19J 8-6-7(G)(3)(A)
13. MSA CENTER POINT CHANGED FROM "VEYUG" TO "RW28" - IAW 8260.19J 8-7-1(B)(24)
14. PBN REQUIREMENTS NOTE CHANGED FROM "DME/DME RNP-0.3 NA" TO "RNP APCH - GPS" - IAW 8260.19J 8-6-8 (MEMO)
15. AMENDED CHART NOTE FROM "CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA" TO "CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19J 8-6-12 (K)(2)
16. REMOVED FAC CROSSED RWY CENTERLINE EXTENDED FROM THLD - MAP CHANGED TO THLD ON CENTERLINE, STRAIGHT-IN APPROACH - PER FPT REQUEST
17. UPDATED CHART NOTE: "CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - IAW 8260.19J 8-6-10 (M)(1)
18. UPDATED BACKUP ALTIMETER NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM" - PER CURRENT CRITERIA
19. FAS OBSTACLE CHANGED FROM "1238 ROD ON STROBE LTD TWR (KUES0078) 430130N/0881124W" TO "1238 TOWER (55-000809) 430130N/0881124W" - IAW 8260.19J 8-6-11(C)
20. LNAV MINIMUMS INCREASED FROM "MDA 1420 HAT/514" TO "MDA 1500 HAT/594" - NEW OBS SURVEY
21. CIRCLING CAT A MINIMUMS INCREASED FROM "MDA 1460 HAA/514" TO "MDA 1500 HAA/588" - NEW OBS SURVEY
22. ADDITIONAL FLIGHT DATA: WERBI TO RW28 CHANGED FROM "3.38/37" TO "3.49/45" - PER FPT/ATC REQUEST

01/03/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/21/2024

1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 02/20/2025

COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: MKE APP CON, UES ATCT, ZAU ARTCC, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER MENDENHALL

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A421

DATE

11/21/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A420

DATE

01/16/2025

TITLE

MANAGER



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

<u>AIRPORT ID</u> UES	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>AMDT NO.</u> 1	<u>CITY</u> WAUKESHA	<u>STATE</u> WI	<u>AIRPORT ELEVATION</u> 912	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM HOANN **TO** WIGBA

RNP 1.00 DISTANCE 6.80 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 (55-000551)	430922.10N/0880906.59W	1349	250	50	4D	1000				AT651	3000
TERRAIN	430933.00N/0880827.00W	951 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM WIGBA **TO** WIDNO

RNP 1.00 DISTANCE 6.50 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 (55-001227)	430642.00N/0875550.00W	1848	250	50	4D	1000				SA-518 AT670	3000
TERRAIN	430348.00N/0875909.00W	797 (800)								AS1500	2300

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INTERMEDIATE

FROM

WIDNO

TO

WERBI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.55										
<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 (55-000519)	430219.00N/0880421.00W	1320	500	50	5D	500				AT1180	3000
TERRAIN	430136.00N/0880521.00W	935 (900)								AS1500	2400

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

WERBI

TO

VOVVU/1.64 NM TO RW28

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.88										
<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 (55-000564)	430156.92N/0880907.02W	1242	100	20	3C	250				RA60	1560

COMPUTATIONS

ALT

CIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

VOVVU/1.64 NM RW28

TO

RW28

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.64		RW28	594	

<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 (55-000809)	430129.88N/0881123.79W	1238	20	3	1A	250					1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW28

TO

HAWKN

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30-1.00					1440

<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
AAO	431442.00N/0881939.00W	1552	215	8	4B	1000					2600
TERRAIN	431442.00N/0881939.00W	1351 (1400)								AS1500	2900

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											
TOWER (55-079156)	430158.43N/0881225.42W	1.30	588	1132	50	20	2C	300		SI	1500
CATEGORY B											
TANK (55-001613)	430214.68N/0881710.79W	1.84	588	1195	20	3	1A	300			1500
CATEGORY C											
TOWER (55-000809)	430129.88N/0881123.79W	2.89	628	1238	20	3	1A	300			1540
CATEGORY D											
AAO	430109.00N/0881930.00W	3.78	728	1326	215	8	4B	300			1640

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW28	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (55-001227)	430642.00N/0875550.00W	073	13.8	1848	250	50	4D	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER AIR TRAFFIC REQUEST.

3000 FAF ALTITUDE DEVELOPED PER AIR TRAFFIC REQUEST.

VEGETATION HEIGHT 100 FEET.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MKE APP CON, UES TOWER, ZAU ARTCC

WX SERVICE AWOS-3	LOCATION UES	HRS OPERATION 24	ALTIMETER SOURCE UES	DISTANCE 0	WMSCR Y	ADJUSTMENTS 0
BACK-UP WX SERVICE AWOS-3	LOCATION MWC	HRS OPERATION 24	ALTIMETER SOURCE MWC	DISTANCE 9.81	WMSCR Y	ADJUSTMENTS 48

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KUES 912, KMWC 734
RA = 47.5.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE	
RW18 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-F		
RW36 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-F		
RW10 - MALSR (PCL), HIRL (PCL), PAPI-4R	PIR-G		
RW28 - HIRL (PCL), REIL (PCL), VASI-4L	PIR-G		

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE 3.75	TCH 37.0
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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
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	CIRCLING RWY 28		
20:1			QUALITY 10 CHECKED
983 TREE (55-094731) 430221.9000N/0881321.7200W (8.94)	994 TREE (55-094698) 430219.4400N/0881318.9200W (7.19)		
964 TREE (55-060668) 430222.2100N/0881326.1100W (6.22)	984 TREE (55-094590) 430221.3500N/0881320.3900W (4.53)		
969 TREE (55-094467) 430220.9900N/0881324.2200W (3.07)	968 TREE (55-068580) 430219.7300N/0881324.5500W (1.94)		

<u>AIRPORT ID</u> UES		<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>AMDT NO.</u> 1	<u>CITY</u> WAUKESHA	<u>STATE</u> WI	<u>AIRPORT ELEVATION</u> 912	<u>FACILITY</u> RNAV
912 NAVAID (55-025016) 430225.6200N/0881337.9800W (0.91)				912 NAVAID (55-094508) 430225.3900N/0881338.0000W (0.74)			
912 NAVAID (55-094449) 430225.8300N/0881337.8700W (0.73)							
FINAL TYPE	CIRCLING RWY 36						
20:1							
957 BUILDING (55-067564) 430152.5800N/0881408.9500W (3.26)							
FINAL TYPE	LNAV						
20:1							
983 TREE (55-094731) 430221.9000N/0881321.7200W (8.94)				994 TREE (55-094698) 430219.4400N/0881318.9200W (7.19)			
964 TREE (55-060668) 430222.2100N/0881326.1100W (6.22)				984 TREE (55-094590) 430221.3500N/0881320.3900W (4.53)			
969 TREE (55-094467) 430220.9900N/0881324.2200W (3.07)				968 TREE (55-068580) 430219.7300N/0881324.5500W (1.94)			
912 NAVAID (55-025016) 430225.6200N/0881337.9800W (0.91)				912 NAVAID (55-094508) 430225.3900N/0881338.0000W (0.74)			
912 NAVAID (55-094449) 430225.8300N/0881337.8700W (0.73)							
FINAL TYPE	LNAV						
34:1							
1005 TREE (55-094494) 430216.6700N/0881310.6200W (31.98)				978 TREE (55-028241) 430221.2000N/0881320.6400W (29.19)			
977 TREE (55-094513) 430220.0000N/0881321.1600W (28.56)				983 TREE (55-060666) 430219.0300N/0881318.4800W (28.23)			
982 TREE (55-094640) 430221.8900N/0881317.7500W (27.44)				987 TREE (55-094613) 430219.3300N/0881315.8500W (26.8)			
991 TREE (55-094624) 430217.3800N/0881314.3700W (26.43)				977 TREE (55-079246) 430221.8700N/0881318.7400W (24.54)			
986 TREE (55-094331) 430221.0000N/0881314.0900W (23.07)				983 TREE (55-079241) 430222.0000N/0881313.6500W (19.74)			
981 TREE (55-064803) 430222.1800N/0881314.2600W (19.16)				958 TREE (55-070883) 430222.4700N/0881324.3200W (17.83)			
984 TREE (55-065655) 430217.7000N/0881313.3500W (17.45)				951 TREE (55-094774) 430224.6200N/0881326.3900W (16.58)			
971 TREE (55-060407) 430224.8900N/0881315.9300W (14.4)				972 TREE (55-060667) 430220.4700N/0881316.6800W (14.27)			
964 TREE (55-094346) 430222.7300N/0881319.3100W (13.29)				947 TREE (55-094669) 430226.3500N/0881325.9000W (12.61)			
981 TREE (55-094732) 430218.9500N/0881311.7000W (11.69)				975 TREE (55-060405) 430220.2200N/0881313.9400W (11.26)			
970 TREE (55-079242) 430218.3800N/0881315.8600W (9.23)				962 TREE (55-060404) 430223.7100N/0881317.6600W (8.37)			
949 TREE (55-094694) 430223.2800N/0881323.8500W (8.33)				981 TREE (55-094699) 430217.7800N/0881310.4100W (8.21)			
978 TREE (55-067485) 430219.0200N/0881311.4000W (8.1)				942 POLE (55-094314) 430223.9200N/0881326.1600W (6.66)			
939 TREE (55-068980) 430220.8300N/0881327.9600W (5.6)				943 TREE (55-060433) 430220.7800N/0881325.8400W (5.04)			
960 TREE (55-028534) 430225.9500N/0881316.3000W (4.85)				945 TREE (55-094516) 430224.5000N/0881323.6200W (4.59)			
977 TREE (55-067486) 430217.0600N/0881310.7300W (4.45)				964 TREE (55-064804) 430225.1300N/0881314.2200W (3.9)			
946 TREE (55-079277) 430224.4600N/0881322.4100W (2.98)				943 TRANSMISSION_LINE (55-025160) 430225.6500N/0881323.4100W (2.85)			
940 TREE (55-068581) 430223.2800N/0881325.2500W (2.32)				925 TRAVERSE_WAY (55-028240) 430225.0700N/0881331.0900W (0.9)			
913 POLE (55-094340) 430227.4200N/0881335.9200W (0.68)				950 POLE (55-025162) 430224.4000N/0881319.3200W (0.34)			
935 POLE (55-094391) 430225.1400N/0881326.0500W (0.18)							
PENETRATIONS REMARKS:							

QUALITY
10
CHECKED

LNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
LPV AND LNAV/VNAV MINS NA - VGS PENETRATIONS.
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	2.20
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	282.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	THLD	TO 1500FT POINT	4.53
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	282.05
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1000

THRESHOLD COORDINATES (IF STR-IN)430226.23N/0881341.93W

ARP COORDINATES430227.70N/0881413.40W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES430117.22N/0880619.75W

FIX NAME COORDINATES

REMARKS

PART E: PREPARED BY

NAME

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DATE

11/21/2024

TITLE

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