

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> EDE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> EDENTON	<u>STATE</u> NC
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 19	<u>SUPERSEDED</u> RNAV (GPS) RWY 19	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 05/16/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 10W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ECG VOR/DME		OJGAL		TF	FB	1.00	287.55	15.10	2500
OJGAL	IAF	IDWAP	NOPT	TF	FB	1.00	237.40	5.67	2500
SUNNS	IAF	IDWAP	NOPT	TF	FB	1.00	203.28	13.17	2500
IDWAP	IF/IAF	EYUFI		TF	FB	1.00	189.91	6.51	1600
EYUFI	FAF	ZAKUN/1.60 NM TO RW19		TF	FB	0.30	189.91	3.24	
ZAKUN/1.60 NM TO RW19		RW19	MAP	TF	FO	0.30	189.91	1.60	
RW19	MAP	600 MSL		CA			189.91		600
600 MSL		IDWAP		DF	FO	1.00			2500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500 DIRECT IDWAP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N IDWAP, RT, 189.91 INBOUND, 2500 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 189.91	FAF: EYUFI		DIST FAF TO MAP: 4.84	DIST FAF TO THLD: 4.84	
4. MIN ALT: IDWAP 2500, EYUFI 1600, ZAKUN/1.60 NM TO RW19 560					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.50	GS ANT:
6. MIN GP INCPT: 1600	GP ALT AT PFAF: EYUFI 1600			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 42.7		IM:
8. MSA FROM: RW19 2700					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ECG VOR/DME AIRWAY RADIALS 250 CW 265.
CHART NOTE: BARO-VNAV NA WHEN USING ECG ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ECG ALTIMETER SETTING AND INCREASE LPV DA TO 276 FEET; INCREASE LNAV/VNAV DA TO 355 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 140 TREE (37-154885) 360328N/0763350W.
CHART 329 TOWER (37-000594) 360705N/0763519W.
CHART R-5314J, R-5301, R-5302B.
CHART VDP AT 1.05 NM TO RW19.
WAAS CHANNEL # 90503
REFERENCE PATH ID: W19A
CHART NOTE: VDP NA WITH ECG ALTIMETER SETTING.
LTP HAE: -31.5 M

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
LPV DA	219	3/4	200	219	3/4	200	219	3/4	200	219	3/4	200			
LNAV/VNAV DA	298	7/8	279	298	7/8	279	298	7/8	279	298	7/8	279			
LNAV MDA	400	1	381	400	1	381	400	1 1/8	381	400	1 1/8	381			
CIRCLING	520	1	501	520	1	501	560	1 1/2	541	580	2	561			



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED CVI VORTAC (IAF) TO IDWAP FROM TERMINAL ROUTES - CVI VORTAC VORMON PROJECT.
2. OJGAL TO IDWAP COURSE AND DISTANCE CHANGED FROM: "234.05 / 6.00" TO "237.40 / 5.67" - IDWAP MOVED TO 12.5 DME TO ADJUST FINAL FOR ILS.
3. SUNNS TO IDWAP COURSE AND DISTANCE CHANGED FROM: "202.82 / 13.64" TO 203.28 / 13.17" - IDWAP MOVED TO 12.5 DME TO ADJUST FINAL FOR ILS.
4. IDWAP TO EYUFI DISTANCE CHANGED FROM: "6.04" TO "6.51" - TO ADJUST FINAL FOR ILS.
5. EYUFI TO ZAKUN DISTANCE CHANGED FROM: "3.23" TO "3.24" - REEVALUATION OF FINAL IN TARGETS AND ROUNDING DATA.
6. PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J 8-6-7 B.(2)(B).
7. PROFILE LINE 3: CHANGED DIST FAF TO MAP/THLD: FROM: "4.83" TO "4.84" - ADJUSTED FINAL DURING EVALUATION.
8. NOTES: CHANGED LOCAL ALTIMETER SETTING NOTE FROM: "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETH CITY ALTIMETER SETTING AND INCREASE LPV DA TO 275 LNAV/VNAV DA TO 325 AND ALL MDA 60 FEET, INCREASE LPV ALLCATS AND LNAV CAT C/D VISIBILITY 1/8 MILE AND LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE." TO: "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ECG ALTIMETER SETTING AND INCREASE LPV DA TO 276 FEET; INCREASE LNAV/VNAV DA TO 355 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM." - NEW EVALUATION OF PROCEDURE, IAW 8260.19J 8-6-10 F.(4).
9. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CVI VORTAC AIRWAY RADIALS 055 CW 218." - CVI VORMON.
10. UPDATED VDP NA NOTE FROM: "CHART NOTE: VDP NA WHEN USING ELIZABETH CITY ALTIMETER SETTING." TO: "CHART NOTE: VDP NA WHEN USING ECG ALTIMETER SETTING." - IAW 8260.19J 8-6-10 E.(9).
11. UPDATED BARO VNAV NA NOTE FROM: "CHART NOTE: BARO-VNAV NA WHEN USING ELIZABETH CITY ALTIMETER SETTING." TO: "CHART NOTE: BARO-VNAV NA WHEN USING ECG ALTIMETER SETTING." - IAW 8260.19J 8-6-10 E.(9).
12. UPDATED UMCOMPENSATED BARO-VNAV NOTE FROM: "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAVNNAV NA BELOW -15C (5F) OR ABOVE 43C (109F)." TO: "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C." - STANDARD 30 WEATHER, LOCAL WEATHER NOT RECORDED, IAW 8260.19J 8-6-10 R.
13. UPDATED VGSI NOTE FROM: "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT." TO: "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})." - IAW 8260.19J 8-6-10 M(1).
14. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM: "CHART FAS OBST: 87 TREE 360200N/0763368W" TO: "CHART FAS OBST: 140 TREE (37-154885) 360328N/0763350W." - NEW OBST EVAL.
15. UPDATED 7:1 OBST FROM: "CHART 330 TOWER 360705N/0763519W." TO: "CHART 329 TOWER (37-000594) 360705N/0763519W." - OBST WAS RESURVEYED.
16. UPDATED CHART VDP NOTE FROM: "CHART VDP AT 0.88 MILES TO RW19*" TO: "CHART VDP AT 1.05 NM TO RW19." - NEW EVAL OF PROCEDURE.
17. LTP HAE CHANGED FROM: "-31 M" TO: "-31.5 M" - LTP ELLIPSOIDAL HEIGHT CHANGED FROM: "-00310" TO: "-00315".
18. MINIMUMS: LNAV/VNAV DA/HAT CHANGED FROM: "DA 289 / HAT 270" TO: "DA 298 / HAT 279" - NEW CONTROLLING OBSTACLE.
19. FAS DATA: CRC REMAINDER CHANGED FROM: "CA70F66A" TO: "94EBC27E" - LTP LAT/LONG CHANGED FROM: "360212.5935N/0763411.2185W" TO: "360212.5935N/0763411.2185W" / FPAP LAT/LONG CHANGED FROM: "360043.3800N/0763411.0600W" TO: "360043.3650N/0763411.0500W".
20. INCORPORATED PAST NOTAMS: 4/7059, 1/6488, 7/6384, 3/7545.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDC, EDE AMGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
CASIMIR L TABAKA
Oct 24, 2025

OFFICE

AJF

DATE

10/17/2025

DEVELOPED BY

JACOB CLARK

Digitally signed by
JACOB H CLARK
Aug 26, 2025

OFFICE

AJV-A432

DATE

07/10/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Oct 24, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER



AIRPORT ID
EDE

PROCEDURE NAME
RNAV (GPS) RWY 19

ORIGINAL/AMENDMENT
3

CITY
EDENTON

STATE
NC

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEDE
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	360212.5935N
LTP/FTP LONGITUDE	0763411.2185W
LTP/FTP ELLIPSOIDAL HEIGHT	-00315
FPAP LATITUDE	360043.3650N
FPAP LONGITUDE	0763411.0500W
THRESHOLD CROSSING HEIGHT (TCH)	00042.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	94EBC27E
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00053
FPAP ORTHOMETRIC HEIGHT	+00053



**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>
EDE	RNAV (GPS) RWY 19	3	EDENTON	NC	19	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM ECG VOR/DME **TO** OJGAL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	15.10				

<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>
WINDMILL (37-022656)	361720.90N/0762710.90W	514	250	50	4D	1000				AT986	2500
TERRAIN	361412.00N/0761557.00W	88 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM OJGAL **TO** IDWAP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	5.67				

<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 (37-022672)	361631.54N/0762754.83W	514	250	50	4D	1000				AT986	2500
TERRAIN	361527.00N/0763445.00W	52 (100)								AS1500	1600

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

SUNNS

TO

IDWAP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	13.17										
<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>
TOWER (37-001646)	362120.51N/0763307.88W	395	250	50	4D	1000				AT1105	2500
TERRAIN	362448.00N/0763236.00W	59 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

IDWAP (IF/IAF)

TO

EYUFI

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>					<u>HMAS</u>	
1.00	6.51										
<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 (37-170639)	360750.48N/0763443.97W	617	250	50	4D	500				AT483	1600
TERRAIN	361236.00N/1763639.00W	49 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

EYUFI

TO

RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.84		DA				200				
<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				219

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

EYUFI

TO

RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.84		DA				279				
<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 (37-155166)	360221.06N/0763331.13W	137	20	3	1A		23.44:1				298

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

EYUFI

TO

ZAKUN/1.60 NM TO RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.24										
<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	360533.00N/0763421.00W	243	215	8	4B	250				RA60	560

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

ZAKUN/1.60 NM TO RW19

TO

RW19

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	1.60		RW19	381	

<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 (37-154885)	360328.47N/0763349.51W	140	20	3	1A	250					400

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

IDWAP

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-5			

<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 (37-170642)	361012.33N/0763533.81W	617	250	50	4D	1000				AT883	2500
TERRAIN	362200.00N/0763306.00W	55 (100)								AS1500	1600

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

IDWAP

RNP 0.30-1.00	DISTANCE	PAT	MAP		HAT		HMAS				
							53				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
WINDMILL (37-170639)	360750.48N/0763443.97W	617	250	50	4D	1000					1700
TERRAIN	360951.00N/0763857.00W	55 (100)								AS1500	1600

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

IDWAP

RNP 0.30	DISTANCE	PAT	MAP		HAT		HMAS				
							137				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2500
WINDMILL (37-170639)	360750.48N/0763443.97W	617	250	50	4D	1000					1700
TERRAIN	360951.00N/0763857.00W	55 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW19

TO

IDWAP

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30										300	
<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				2500
WINDMILL (37-170639)	360750.48N/0763443.97W	617	250	50	4D	1000					1700
TERRAIN	360951.00N/0763857.00W	55 (100)								AS1500	1600

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											
TANK (37-002687)	360106.00N/0763343.00W	1.30	501	155	20	50	1D	300		AC50	520
CATEGORY B											
TRANSMISSION_LINE (37-155382)	360000.16N/0763459.45W	1.81	501	159	20	61	1E	300		HA61	520
CATEGORY C											
TOWER (37-121099)	360355.55N/0763648.24W	2.84	541	199	250	50	4D	300		AC50	560
CATEGORY D											
AAO	360533.00N/0763421.00W	3.70	561	243	215	8	4B	300		HAA	580

CIRCLING REMARKS:

MSA

CENTER

RW19

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (37-000265)	355358.45N/0762046.50W	137	13.6	1646	250	50	4D	1000			2700

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDC ARTCC, RDU FSS

<u>WX SERVICE</u> AWOS-3	<u>LOCATION</u> EDE	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> EDE	<u>DISTANCE</u>	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> ECG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> ECG	<u>DISTANCE</u> 23.65	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 56.4

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KEDE 19, KECG 6
RA = 56.4.

<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>	
RW01 - REIL (PCL), MIRL (PCL), PAPI-2L	NPI-G		
RW19 - REIL (PCL), MIRL (PCL), PAPI-2R	PIR-G		

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 17.3	<u>TCH</u> 42.7	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 47.6
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -15C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -15C	<u>APT ISA</u> +14.96C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 955 HIGH TEMP 1260.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LNAV/VNAV, LNAV		
34:1			
124 TREE (37-154344) 360249.7800N/0763403.9200W (2.01)			
<u>PENETRATIONS REMARKS:</u>			



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.

100 FT VEG HEIGHT USED PER FPT.

NO ADDITIONAL AIRSPACE REQUIRED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 329 TOWER (37-000594) 360705.00N/0763519.00W.

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	2.95
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	179.91
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	45
DISTANCE FROM	THLD	TO 1500FT POINT	4.64
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	179.91
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	45

THRESHOLD COORDINATES (IF STR-IN) 360212.59N/0763411.22W

ARP COORDINATES 360142.92N/0763411.16W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 1 DISTANCE 0.49 NM

FAF COORDINATES 360703.17N/0763411.77W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME

JACOB CLARK

OFFICE

AJV-A432

DATE

07/10/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST