

**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>	
CAE	RNAV (GPS) RWY 5	3	COLUMBIA	SC	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
236	228	RNAV (GPS) RWY 5	12/30/2021	7W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV			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>
ADCOM		AXEWO		TF	FB	1.00	272.45	14.53	2200
LEDAS		EBPEP		TF	FB	1.00	151.83	12.86	2200
AXEWO	IAF	EDURE		TF	FB	1.00	321.60	6.00	2200
EBPEP	IAF	EDURE		TF	FB	1.00	141.51	6.00	2200
EDURE	IF	OTNOW		TF	FB	1.00	051.55	6.20	2200
OTNOW	FAF	TIBOC/2.49 NM TO RW05		TF	FB	0.30	051.60	3.52	
TIBOC/2.49 NM TO RW05		RW05	MAP	TF	FO	0.30	051.60	2.49	
RW05	MAP	428 MSL		CA			051.60		
428 MSL		POMIE		DF	FB	1.00			
POMIE		BEFTY		TF	FO	1.00	018.19	10.28	2400

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW05

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2400 DIRECT POMIE AND ON TRACK 018.19 TO BEFTY AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
10  
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT EDURE														
3.	FAC:	051.60	FAF:	OTNOW	DIST FAF TO MAP:	6.01	DIST FAF TO THLD:	6.01							
4.	MIN ALT: EDURE 2200, OTNOW 2200, TIBOC/2.49 NM TO RW05 1080														
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:		200 HAT:	0.44	GS ANT:						
6.	MIN GP INCPT:	2200	GP ALT AT PFAF:	OTNOW 2200			OM:		MM:					IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	60.0							
8.	MSA FROM: RW05 3100														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ADCOM ON V53 AND T441 SOUTHEAST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEDAS ON V155 AND T410 SOUTHWEST BOUND.  
CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CATS C AND D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 190.60 INBOUND.  
CHART FAS OBST: 392 TREE 335533N/0810824W.  
CHART R-6001 A AND B.  
CHART VDP AT 1.25 NM TO RW05.  
WAAS CHANNEL # 45526  
REFERENCE PATH ID: W05A  
LTP HAE: 38.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/4, CAT D 900-2 1/2

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**	428	2400	200	428	2400	200	428	2400	200	428	2400	200			
LNAV/VNAV DA	638	4000	410	638	4000	410	638	4000	410	638	4000	410			
LNAV MDA	700	2400	472	700	2400	472	700	5000	472	700	5000	472			
CIRCLING	740	1	504	860	1	624	1040	2 1/4	804	1040	2 1/2	804			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED ADCOM TO AXEWO SEGMENT COURSE FROM 275.31 TO 272.45 AND DISTANCE FROM 15.20 TO 14.53 - AXEWO IAF RELOCATED TO SUPPORT ATC VECTORS.
2. TERMINAL ROUTES: CHANGED LEDAS TO EBPEP SEGMENT COURSE FROM 151.08 TO 151.83 AND DISTANCE FROM 13.84 TO 12.86 - EBPEP IAF RELOCATED TO SUPPORT ATC VECTORS.
3. TERMINAL ROUTES: CHANGED AXEWO TO EDURE SEGMENT COURSE FROM 321.59 TO 321.60 AND DISTANCE FROM 5.00 TO 6.00 - AXEWO IAF RELOCATED TO SUPPORT ATC VECTORS.
4. TERMINAL ROUTES: CHANGED EBPEP TO EDURE SEGMENT DISTANCE FROM 5.00 TO 6.00 - EBPEP IAF RELOCATED TO SUPPORT ATC VECTORS.
5. TERMINAL ROUTES: CHANGED EDURE TO OTNOW SEGMENT DISTANCE FROM 6.30 TO 6.20 - OTNOW FAF RELOCATED BASED ON ILS OR LOC RWY 5 GPA/TCH.
6. TERMINAL ROUTES: CHANGED OTNOW TO SDF SEGMENT DISTANCE FROM 3.41 TO 3.52 - OTNOW FAF RELOCATED BASED ON ILS OR LOC RWY 5 GPA/TCH.
7. TERMINAL ROUTES: CHANGED FROM "TIBOC/2.50 NM TO RW05" TO "TIBOC/2.49 NM TO RW05" - SDF RELOCATED BASED ON GPA/TCH.
8. TERMINAL ROUTES: CHANGED SDF TO MAP DISTANCE FROM 2.50 TO 2.49 - SDF RELOCATED BASED ON GPA/TCH.
9. TERMINAL ROUTES: CHANGED POMIE TO BEFTY SEGMENT COURSE FROM 020.90 TO 018.19 AND DISTANCE FROM 11.08 TO 10.28 - POMIE TURN POINT RELOCATED TO MEET CURRENT CRITERIA.
10. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 2400 DIRECT POMIE AND ON TRACK 020.90 TO BEFTY AND HOLD" TO "CLIMB TO 2400 DIRECT POMIE AND ON TRACK 018.19 TO BEFTY AND HOLD" - POMIE TURN POINT RELOCATED TO MEET CURRENT CRITERIA.
11. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.91 TO 6.01 - OTNOW FAF RELOCATED BASED ON ILS OR LOC RWY 5 GPA/TCH.
12. PROFILE LINE 4: CHANGED FROM "EDURE 2200, OTNOW 2200, TIBOC/2.50 NM TO RW05 1080\*" TO "EDURE 2200, OTNOW 2200, TIBOC/2.49 NM TO RW05 1080" - SDF RELOCATED BASED ON GPA/TCH, "\*" NO LONGER REQUIRED.
13. PROFILE LINE 5: ADDED "200 HAT: 0.44" - PER 8260.19J, PARA 8-6-7E(3).
14. PROFILE LINE 7: ADDED "20:1 IS CLEAR" - NO PENETRATIONS EXIST.
15. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - PER 8260.19J, PARA 8-6-8D.
16. REMOVED "DME/DME RNP-0.3 NA" FROM NOTES - NO LONGER ACCURATE.
17. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5°C OR ABOVE 54°C" - FAHRENHEIT VALUES NO LONGER REQUIRED, NEW EVALUATION WITH UPDATED CRITICAL TEMPERATURES.
18. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT ADCOM ON V53 SOUTHEAST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT ADCOM ON V53 AND T441 SOUTHEAST BOUND" - TURN EXCEEDS 90 DEGREES.
19. CHANGED CHART PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT LEDAS ON V155 AND T410 SOUTHWEST BOUND" - TURN EXCEEDS 90 DEGREES.
20. ADDED CHART NOTE "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CATS C AND D VISIBILITY TO 1 3/8 SM" - UPDATED 8260.3E VISIBILITY TABLES.
21. ADDITIONAL FLIGHT DATA: REMOVED 7:1 OBSTACLES "CHART 769 TOWER 335123N/0811211W" AND "CHART 681 TOWER 335228N/0811105W" - NEW OBSTACLE/TERRAIN EVALUATION.
22. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 400 POLE 335411N/0810849W" TO "CHART FAS OBST: 392 TREE 335533N/0810824W" - NEW CONTROLLING OBSTACLE.
23. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 200 HAT: 0.44 NM" - NOW DOCUMENTED ON PROFILE LINE 5.
24. ADDITIONAL FLIGHT DATA: REMOVED "\*" FROM "CHART VDP AT 1.25 NM TO RW05" AND "\*\*LNAV ONLY" - NO LONGER REQUIRED.
25. CHANGED LNAV/VNAV ALL CATS VISIBILITY FROM 5000 RVR TO 4000 RVR - UPDATED 8260.3E, TABLE 3-3-1.
26. CHANGED LNAV CAT C VISIBILITY FROM 4000 TO 5000 - UPDATED 8260.3E, TABLE 3-3-1.
27. CHANGED CRC REMAINDER FROM "C92C2CE3" TO "17E9E5A0" - FPAP COORDINATES CHANGED FROM "335646.1800N/0810611.0100W" TO "335646.1805N/0810611.0080W".

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZJX, CAE APCH, CAE ARPT MNGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

CASIMIR L TABAKA

Feb 10, 2025

OFFICE

AJF

DATE

02/08/2025

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Feb 10, 2025

OFFICE

AJV-A432

DATE

08/06/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Feb 10, 2025

OFFICE

AJV-A432

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCAE
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	335542.6895N
LTP/FTP LONGITUDE	0810726.2795W
LTP/FTP ELLIPSOIDAL HEIGHT	+00383
FPAP LATITUDE	335646.1805N
FPAP LONGITUDE	0810611.0080W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	17E9E5A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00693
FPAP ORTHOMETRIC HEIGHT	+00693



# 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>
CAE	RNAV (GPS) RWY 5	3	COLUMBIA	SC	236	RNAV

## PART A: OBSTRUCTION DATA SEGMENTS

### FEEDER

FROM ADCOM TO AXEWO

RNP 1.00 DISTANCE 14.53 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 (45-002474)	334358.80N/0811309.40W	740	500	50	5D	1000				AT460	2200
TERRAIN	334442.00N/0811145.00W	482 (500)								AS1500	2000

## COMPUTATIONS

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

### SEGMENT REMARKS:

### FEEDER

FROM LEDAS TO EBPEP

RNP 1.00 DISTANCE 12.86 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 (45-000750)	335411.00N/0812429.00W	1062	500	50	5D	1000					2100
TERRAIN	335512.00N/0812718.00W	672 (700)								AS1500	2200

## COMPUTATIONS

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

### SEGMENT REMARKS:

QUALITY  
10  
CHECKED

INITIAL

FROM

AXEWO

TO

EDURE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.00										
<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 (45-000995)	334545.00N/0811735.00W	801	500	50	5D	1000				AT399	2200
TERRAIN	334654.00N/0811912.00W	515 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

EBPEP

TO

EDURE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.00										
<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 (45-001148)	335237.00N/0812146.00W	811	250	50	4D	1000				AT389	2200
TERRAIN	335121.00N/0811833.00W	570 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

EDURE

TO

OTNOW

RNP

1.00

DISTANCE

6.20

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (45-021318)	335033.12N/0811732.90W	803	20	3	1A	500				AT897	2200
TERRAIN	335039.00N/0811648.00W	574 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

OTNOW

TO

RW05

RNP

0.30

DISTANCE

6.01

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				428

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

OTNOW

TO

RW05

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	6.01		DA		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	335524.00N/0810839.00W	353	215	8	4B		22.35:1			AC8 XP4	638

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP4 TO MAINTAIN CURRENTLY PUBLISHED MINIMA.

FINAL: LNAV

FROM

OTNOW

TO

TIBOC/2.49 NM TO RW05

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	3.52										
<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 (45-001934)	335123.00N/0811211.00W	769	50	20	2C	250				XL1 DG60	1080

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LNAV STEPDOWN

FROM

TIBOC/2.49 NM TO RW05

TO

RW05

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.49		RW05	472	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	335533.00N/0810824.00W	392	215	8	4B	250				XP58	700

COMPUTATIONS

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

SEGMENT REMARKS:

XP58 TO MAINTAIN CURRENTLY PUBLISHED MINIMA.

MISSED APPROACH: LPV

FROM

DA

TO

BEFTY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					257

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2400
TOWER (45-000649)	340822.82N/0810320.36W	1325	20	3	1A	1000					2400
TERRAIN	340836.00N/0810327.00W	518 (500)								AS1500	2000

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

BEFTY

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 477				
<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				2400
TOWER (45-000649)	340822.82N/0810320.36W	1325	20	3	1A	1000					2400
TERRAIN	340836.00N/0810327.00W	518 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW05

TO

BEFTY

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 600				
<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				2400
TOWER (45-000649)	340822.82N/0810320.36W	1325	20	3	1A	1000					2400
TERRAIN	340836.00N/0810327.00W	518 (500)								AS1500	2000

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 (45-023444)	335741.76N/0810825.54W	1.30	504	429	50	20	2C	300			740
CATEGORY B											
TOWER (45-001935)	335418.80N/0810609.11W	1.81	624	545	50	20	2C	300			860
CATEGORY C											
TOWER (45-000971)	335917.00N/0810644.00W	2.85	804	679	500	50	5D	300		AC50	1040
CATEGORY D											
TOWER (45-000971)	335917.00N/0810644.00W	3.72	804	679	500	50	5D	300		AC50	1040

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW05	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (45-000654)	340550.00N/0804550.00W	068	20.6	2048	500	50	5D	1000			3100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CAE TOWER, CAE APP CON, ZJX ARTCC

<div>WX SERVICE</div> <div>ASOS</div>	<div>LOCATION</div> <div>CAE</div>	<div>HRS OPERATION</div> <div>24</div>	<div>ALTIMETER SOURCE</div> <div>CAE</div>	<div>DISTANCE</div> <div>0</div>	<div>SERVICE-A</div> <div>Y</div>	<div>ADJUSTMENTS</div> <div>0</div>
<div>BACK-UP WX SERVICE</div>	<div>LOCATION</div>	<div>HRS OPERATION</div>	<div>ALTIMETER SOURCE</div>	<div>DISTANCE</div>	<div>SERVICE-A</div>	<div>ADJUSTMENTS</div>

WX REMARKS:

BACK-UP ALTIMETER SOURCE NOT DEVELOPED DUE TO REDUNDANT SOURCES AT KCAE

<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>	
01H			
RW05 - MALSR, HIRL, PAPI-4R	PIR-G	APPROACH	
RW11 - ALSF-2, TDZ, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT	
RW23 - HIRL, REIL, PAPI-4L	PIR-G	APPROACH	
RW29 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT	

<div>GLIDESLOPE ANGLE</div> <div>3.00</div>	<div>ELEV RWY THRESHOLD</div> <div>227.5</div>	<div>TCH</div> <div>60.0</div>	<div>ELEV GS ANTENNA</div>	<div>DISTANCE FROM RWY</div>	<div>VGSI ANGLE</div> <div>3.00</div>	<div>TCH</div> <div>73.0</div>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<div>CRITICAL LOW</div> <div>-5C</div>	<div>CRITICAL HIGH</div> <div>+54C</div>	<div>ACT</div> <div>-5C</div>	<div>APT ISA</div> <div>+14.53C</div>
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2019-2023).  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 958 HIGH TEMP 1263.

"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:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION UTILIZED 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	3.81
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	044.60
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	500
DISTANCE FROM	THLD	TO 1500FT POINT	5.61
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	044.60
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	500

THRESHOLD COORDINATES (IF STR-IN)	335542.69N/0810726.28W
ARP COORDINATES	335619.82N/0810710.33W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 11 DISTANCE 0.96 NM
FAF COORDINATES	335125.71N/0811230.44W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (SILVIA YOUNG)	AJV-A432	08/06/2024	AERONAUTICAL INFORMATION SPECIALIST

