

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>	
SUZ	RNAV (GPS) RWY 2	2	BENTON	AR	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
389	389	RNAV (GPS) RWY 2	07/14/2022	1E	2010
<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>
HOT VOR/DME		FONIR		TF	FB	1.00	093.49	19.93	2800
WEKUK	IAF	REMBE	NOPT	TF	FB	1.00	289.01	7.00	2800
FONIR	IAF	REMBE	NOPT	TF	FB	1.00	108.86	7.00	2800
REMBE	IF/IAF	AXALE		TF	FB	1.00	018.93	6.03	2000
AXALE	FAF	COXES/2.03 NM TO RW02		TF	FB	0.30	018.97	2.89	
COXES/2.03 NM TO RW02		RW02	MAP	TF	FO	0.30	018.97	2.03	
RW02	MAP	639 MSL		CA			018.97		
639 MSL		NIKIC		DF	FB	1.00			
NIKIC		ROLAN		TF	FO	1.00	359.91	12.13	3500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT NIKIC AND TRACK 359.91 TO ROLAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD S REMBE, RT, 018.93 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 018.97 FAF: AXALE DIST FAF TO MAP: 4.92 DIST FAF TO THLD: 4.92
- MIN ALT: REMBE 2800, AXALE 2000, COXES/2.03 NM TO RW02 1080
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.64 GS ANT: MM: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: AXALE 2000
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 44.5
- MSA FROM: RW02 3300



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HOT VOR/DME AIRWAY RADIALS 071 CW 163.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.91 INBOUND.
CHART FAS OBST: 603 ANTENNA (05-080874) 343337N/0923024W.
CHART 669 TOWER (05-002265) 343035N/0923231W, 619 TOWER (05-102040) 343311N/0923035W.
CHART VDP AT 1.17 NM TO RW02.
WAAS CHANNEL # 58209
REFERENCE PATH ID: W02A
CHART CIRCLING ICON.
LTP HAE: 92.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, 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	639	3/4	250	639	3/4	250	639	3/4	250	639	3/4	250			
LNAV/VNAV DA	680	7/8	291	680	7/8	291	680	7/8	291	680	7/8	291			
LNAV MDA	820	1	431	820	1	431	820	1 1/4	431	820	1 1/4	431			
CIRCLING	980	1	591	1080	1	691	1200	2 1/2	811	1200	2 3/4	811			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FIX HERID FROM INITIAL SEGMENT - HERID FIX IS CANCELED; V305 AIRWAYS LIT RADIALS RESTRUCTURING DUE TO LIT VORTAC RELOCATION.
2. TERMINAL ROUTES: FORNIR TO REMEBE COURSE CHANGED FROM 108.87 TO 108.86 - UPDATED TARGETS CALCULATION.
3. TERMINAL ROUTES: STEP-DOWN FIX (SDF) FIX DEFINITION CHANGED FROM "COXES/1.97" TO "COXES/2.03 - SDF MOVED 0.06 NM SSW TO MITIGATE OBSTACLE.
4. TERMINAL ROUTES: CHANGED RUNWAY DESIGNATION FROM "2" TO "02" - NEW SIAP FORMAT.
5. TERMINAL ROUTES: REPLACED MISSED APPROACH POINT PARON WITH ROLAN - FIX PARON CANCELED DUE TO LIT VORTAC RELOCATION.
6. MISSED APPROACH: INSTRUCTIONS CHANGED FROM "CLIMB TO 2600 DIRECT NIKIC AND TRACK 290.12 TO PARON AND HOLD" TO "CLIMB TO 3500 DIRECT NIKIC AND TRACK 359.91 TO ROLAN AND HOLD" - MISSED APPROACH RESTRUCTURED DUE TO LIT VORTAC RELOCATION.
7. PROFILE: LINE 4: SDF ALTITUDE CHANGE FROM 1060 TO 1080 - DUE TO NEW CONTROLLING OBSTACLE, 755 FT AAO.
8. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HERID ON V305 SOUTH BOUND" - HERID FIX IS CANCELED; V305 AIRWAYS LIT RADIALS RESTRUCTURING DUE TO LIT VORTAC RELOCATION.
9. ADDITIONAL FLIGHT DATA: HOLDING INSTRUCTIONS CHANGED FROM "W, RT, 097.00" TO "S, RT, 359.91" - MISSED APPROACH RESTRUCTURED DUE TO LIT VORTAC RELOCATION.
10. ADDITIONAL FLIGHT DATA: ADDED "CHART 669 TOWER (05-002265) 343035N/0923231W, 619 TOWER (05-102040) 343311N/0923035W" - IAW 8260.19J, 8-6-11 (E) (2).
11. MINIMUMS: RAISED ALL CATS LNAV/VNAV MDA/HAT FROM 670/281 TO 680/291 - NEW CONTROLLING OBSTACLE IDENTIFIED.
12. MINIMUMS: RAISED CIRCLING CAT A MDA/HAA FROM 940/551 TO 980/591 - NEW CONTROLLING OBSTACLE IDENTIFIED.



COORDINATED WITH:

A4A

☐

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER: ZME, LIT APP CON, AMGR

FLIGHT CHECKED BY

OFFICE

DATE

DEVELOPED BY

PARNELL PRASSADA

Digitally signed by

PARNELL R PRASSADA

Aug 09, 2024

OFFICE

AJV-A431

DATE

04/22/2024

APPROVED BY

BEV L BORDY

OFFICE

AJV-A430

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUZ
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	343502.1930N
LTP/FTP LONGITUDE	0922856.1955W
LTP/FTP ELLIPSOIDAL HEIGHT	+00923
FPAP LATITUDE	343626.0650N
FPAP LONGITUDE	0922819.2985W
THRESHOLD CROSSING HEIGHT (TCH)	00044.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D5F04096

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01187
FPAP ORTHOMETRIC HEIGHT	+01187



**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>
SUZ	RNAV (GPS) RWY 2	2	BENTON	AR	389	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM HOT VOR/DME **TO** FONIR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	19.93				

<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 (05-000267)	343019.00N/0930500.00W	1660	20	3	1A	1000					2700
TERRAIN	343018.00N/0930503.00W	1272 (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 WEKUK **TO** REMBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	7.00				

<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>
AAO	342306.00N/0923139.00W	614	215	8	4B	1000				AT1186	2800
TERRAIN	342306.00N/0923139.00W	413 (400)								AS1500	1900

COMPUTATIONS

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

SEGMENT REMARKS:



INITIAL

FROM

FONIR

TO

REMBE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	7.00										
<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>
AAO	342857.00N/0924139.00W	624	215	8	4B	1000				AT1176	2800
TERRAIN	342903.00N/0924051.00W	406 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

REMBE (IF/IAF)

TO

AXALE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.03										
<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 (05-000989)	342814.88N/0923358.68W	704	250	50	4D	500				AT796	2000
TERRAIN	343030.00N/0923245.00W	436 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

AXALE

TO

RW02

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.92		DA				250				
<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 (05-027748)	343445.74N/0922904.33W	445	50	20	2C		34.00:1			AC20	639

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

AXALE

TO

RW02

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	4.92		DA				291				
<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	343521.00N/0922912.00W	511	215	8	4B	161				AC8	680

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

AXALE

TO

COXES/2.03 NM TO RW02

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.89										
<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	343145.00N/0922951.00W	755	215	8	4B	250				RA60	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

COXES/2.03 NM TO RW02

TO

RW02

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	2.03		RW02	431	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (05-080874)	343337.06N/0923024.07W	603	20	3	1A	250				SA-43	820

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

REMBE

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-5			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (05-001470)	341726.00N/0922937.00W	801	500	50	5D	1000				AT999	2800
TERRAIN	342306.00N/0923139.00W	413 (400)								AS1500	1900

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

ROLAN

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAT	HMAS 452			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3500
TOWER (05-000660)	344757.00N/0922930.00W	2220	500	50	5D	1000				SA-189	3100
TERRAIN	344733.00N/0922900.00W	967 (1000)								AS1500	2500

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

ROLAN

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAT	HMAS 519			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3500
TOWER (05-000660)	344757.00N/0922930.00W	2220	500	50	5D	1000				SA-189	3100
TERRAIN	344733.00N/0922900.00W	967 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW02

TO

ROLAN

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 720			
<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				3500
TOWER (05-000660)	344757.00N/0922930.00W	2220	500	50	5D	1000				SA-189	3100
TERRAIN	344733.00N/0922900.00W	967 (1000)								AS1500	2500

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	343536.00N/0922721.00W	1.30	591	662	215	8	4B	300			980
CATEGORY B											
TOWER (05-000601)	343605.00N/0922657.00W	1.82	691	775	100	20	3C	300			1080
CATEGORY C											
TOWER (05-000972)	343708.06N/0922615.54W	2.86	811	886	20	3	1A	300			1200
CATEGORY D											
TOWER (05-000972)	343708.06N/0922615.54W	3.73	811	886	20	3	1A	300			1200

CIRCLING REMARKS:

MSA

CENTER

RW02

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (05-000779)	342631.00N/0921304.00W	122	15.6	2237	250	50	4D	1000			3300

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, LIT APP CON, JBR FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
AWOS-3	SUZ	24	SUZ	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS	LIT	24	LIT	15.11	Y	53

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KSUZ 389, KLIT 254
RA = 52.6.

<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>
RW02 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW20 - MIRL (PCL), REIL (PCL), PAPI-4L		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	389.4	44.5			3.00	55.7

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.23C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1266.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV		
34:1			
443 TREE (05-027753) 343448.4900N/0922905.3400W (13.5)	436 POLE (05-023932) 343449.2300N/0922902.0100W (11.37)		
438 TREE (05-070102) 343449.5400N/0922905.4900W (11.31)	439 TREE (05-027751) 343448.0000N/0922903.6500W (9.56)		
431 TREE (05-027755) 343450.4600N/0922903.2000W (8.81)	445 TREE (05-027748) 343445.7400N/0922904.3300W (8.67)		



<u>AIRPORT ID</u> SUZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>AMDT NO.</u> 2	<u>CITY</u> BENTON	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 389	<u>FACILITY</u> RNAV
428 TREE (05-027756) 343450.6900N/0922900.6700W (8.58)			430 TREE (05-027754) 343450.0800N/0922901.3200W (8.33)			
432 TREE (05-030287) 343450.2700N/0922904.9900W (7.77)			441 TREE (05-080063) 343446.6900N/0922903.9500W (7.64)			
438 TREE (05-080140) 343446.4700N/0922903.2800W (4.59)			431 TREE (05-027750) 343447.6100N/0922902.1700W (1.71)			
427 TREE (05-027752) 343448.2800N/0922901.1700W (0.42)						
<u>PENETRATIONS REMARKS:</u>						
VGS (LPV & LNAV/VNAV) ALLOWABLE LIGHTING (05-079482 AND 05-080320) 1.24 AND 0.26 FT. PENETRATION RESPECTIVELY. (FIXED BY FUNCTION).						

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

<u>PENETRATIONS REMARKS:</u>

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION USED PER FPT.

TAA NOT DEVELOPED PER ATC REQUEST.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LIT ALTIMETER SETTING AND INCREASE LPV DA TO 692 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE LNAV/VNAV DA TO 733 FEET AND ALL VISIBILITIES 1/8 SM. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C/D 1/8 SM. BARO-VNAV AND VDP NA WHEN USING LIT ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 669 TOWER (05-002265) 343035.23N/0923231.34W.

ORDER 8260.3 CHAPTER 2 APPLIED TO 619 TOWER (05-102040) 343310.97N/0923034.91W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> SUZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>AMDT NO.</u> 2	<u>CITY</u> BENTON	<u>STATE</u> AR	<u>AIRPORT ELEVATION</u> 389	<u>FACILITY</u> RNAV
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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	3.66
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	019.97
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	5.23
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.35
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	019.93
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)

343502.19N/0922856.20W

ARP COORDINATES

343525.40N/0922846.00W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 20 DISTANCE 0.41 NM

FAF COORDINATES

343024.41N/0923058.24W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
PARNELL PRASSADA	AJV-A431	04/22/2024	AERONAUTICAL INFORMATION SPECIALIST

