

**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>	
ATS	RNAV (GPS) RWY 13	2A	ARTESIA	NM	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
3545	3534	RNAV (GPS) RWY 13	10/12/2017	9E	2000
<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>
JAKKY		YUPUL		TF	FB	1.00	057.55	14.34	7400
CME VORTAC		SEBPO		TF	FB	1.00	171.11	15.11	6500
CNM VORTAC		UNOPE		TF	FO	1.00	325.63	49.62	7000
HOPET	IAF	UNOPE	NOPT	TF	FB	1.00	112.32	10.59	6500
YUPUL	IAF	UNOPE	NOPT	TF	FB	1.00	065.89	5.00	6500
SEBPO	IAF	UNOPE	NOPT	TF	FB	1.00	185.95	5.00	6500
UNOPE	IF/IAF	TIMGE		TF	FB	1.00	125.94	6.36	5500
TIMGE	FAF	OROCO/2.00 NM TO RW13		TF	FB	0.30	125.98	4.04	
OROCO/2.00 NM TO RW13		RW13	MAP	TF	FO	0.30	125.98	2.00	
RW13	MAP	3734 MSL		CA			125.98		
3734 MSL		HOLAS		DF	FO	1.00			5900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5900 DIRECT HOLAS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW UNOPE, RT, 125.94 INBOUND, 6500 FT. IN LIEU OF PT (IAF), MAX 12000.														
3.	FAC:	125.98	FAF:	TIMGE	DIST FAF TO MAP:	6.04	DIST FAF TO THLD:	6.04							
4.	MIN ALT:	UNOPE 6500, TIMGE 5500, OROCO/2.00 NM TO RW13 4200													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.50	GS ANT:				
6.	MIN GP INCPT:	5500	GP ALT AT PFAF:	TIMGE 5500			OM:		MM:		IM:				
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	42.4							
8.	MSA FROM:	RW13 6500													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CME VORTAC AIRWAY RADIALS 109 CW 204.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CNM VORTAC AIRWAY RADIALS 331 CW 053.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 306.11 INBOUND.
CHART FAS OBST: 3639 TREE (35-028433) 325210N/1043013W.
CHART TALON LOW A AND B MOA.
CHART VDP AT 1.08 NM TO RW13.
WAAS CHANNEL # 86535
REFERENCE PATH ID: W13A
CHART CIRCLING ICON.
LTP HAE: 1053.9 M

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.

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	3734	3/4	200	3734	3/4	200	3734	3/4	200	3734	3/4	200			
LNAV/VNAV DA	3784	7/8	250	3784	7/8	250	3784	7/8	250	3784	7/8	250			
LNAV MDA	3920	1	386	3920	1	386	3920	1 1/8	386	3920	1 1/8	386			
CIRCLING	3980	1	435	4000	1	455	4040	1 1/2	495	4240	2 1/4	695			



CHANGES - REASONS

1. 1. CHANGED TERMINAL ROUTES JAKKY TO YUPUL, CME VORTAC TO SEBPO AND CNM VORTAC TO UNOPE RNP VALUE FROM 2.00 TO 1.00. – IAW 8260.58C TABLE 1-2-1.
2. PROFILE LINE 2: ADDED MAX ALTITUDE OF 12000. – IAW 8260.19I 8-6-7(B)(2).
3. REMOVED NOTE: "DME/DME RNP-0.3 NA". – IAW 8260.19I 1-1-5(F)(18)
4. PBN REQUIREMENT NOTE: ADDED "RNP APCH – GPS" – IAW 8260.19I 8-6-8(B)(2)
5. CHART NOTE: CHANGED "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C (-7°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C." – IAW 8260.19I 8-6-9(R).
6. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS ON CME VORTAC AIRWAY RADIALS 109 CW 204" TO "PROCEDURE NA FOR ARRIVAL ON CME VORTAC AIRWAY RADIALS 109 CW 204." – IAW 8260.19I 8-2-5(E)(2).
7. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT CNM VORTAC ON V102 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVAL ON CNM VORTAC RADIALS 331 CW 053. – IAW 8260.19I 8-2-5(E)(2).
8. CHANGED CAT C CMDA/HAA FROM 4080/535 TO 4040/495 – NEW CONTROLLING OBSTACLE. CORRECTED TO MATCH THE CIRCLING MINS FOR OTHER RUNWAYS.
9. ADDED TO ALTERNATE MINIMUMS "NA WHEN LOCAL WEATHER NOT AVAILABLE" – IAW 8260.19I 8-6-11(B)(4).
10. UPDATED CHARTED FAS OBSTACLE (35-028433) HEIGHT FROM 3664 TREE TO 3639 TREE. – NEW OBSTACLE DATA.
11. ADDED SUA NOTE "CHART TALON LOW A AND B MOA" SUA – IAW 8260.19 8-6-10(I).
12. ADDED "20:1 IS CLEAR" NOTE. – IAW 8260.19I 8-6-7(G)(3)(A).
13. REMOVE "LNAV ONLY" ASTERISK AND ASSOCIATED NOTE FROM STEPDOWN ALTITUDE. – IAW 8260.19I(F)(12).

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZAB, ROW APP CON, AMGR, ST AV DIR

FLIGHT CHECKED BY

JEFFREY J SCORSE

Digitally signed by

RAKE MCGRAW

Apr 15, 2024

OFFICE

FPO

DATE

04/10/2024

DEVELOPED BY

NICHOLAS PRATER

Digitally signed by

NICHOLAS PRATER

Mar 11, 2024

OFFICE

AJV-A422

DATE

03/11/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Apr 15, 2024

OFFICE

AJV-A422

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KATS
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	325129.5230N
LTP/FTP LONGITUDE	1042825.3340W
LTP/FTP ELLIPSOIDAL HEIGHT	+10539
FPAP LATITUDE	325026.3570N
FPAP LONGITUDE	1042710.5940W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0880
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	1905CF0A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+10770
FPAP ORTHOMETRIC HEIGHT	+10770



**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>
ATS	RNAV (GPS) RWY 13	2A	ARTESIA	NM	3545	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM JAKKY **TO** YUPUL

RNP 1.00 DISTANCE 14.34 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>
AAO	325403.00N/1050154.00W	5312	100	125	3E	2000					7400
TERRAIN	325403.00N/1050154.00W	5112 (5100)								AS1500	6600

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM CME VORTAC **TO** SEBPO

RNP 1.00 DISTANCE 15.11 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 (35-000796)	332147.00N/1043813.00W	4309	500	50	5D	2000				AT191	6500
TERRAIN	332142.00N/1043839.00W	4016 (4000)								AS1500	5500

COMPUTATIONS

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

SEGMENT REMARKS:



FEEDER

FROM

CNM VORTAC

TO

UNOPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	49.62										
<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	330106.00N/1043927.00W	4144	100	125	3E	2000				AT856	7000
TERRAIN	330106.00N/1043927.00W	3944 (3900)								AS1500	5400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

HOPET

TO

UNOPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	10.59										
<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	330418.00N/1045115.00W	4626	100	125	3E	1000				AT874	6500
TERRAIN	330418.00N/1045115.00W	4426 (4400)								AS1500	5900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

YUPUL

TO

UNOPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
1.00	5.00										
<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	330033.00N/1044612.00W	4377	100	125	3E	1000				AT1123	6500
TERRAIN	330033.00N/1044612.00W	4177 (4200)								AS1500	5700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

SEBPO

TO

UNOPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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	330145.00N/1044048.00W	4282	100	125	3E	1000				AT1218	6500
TERRAIN	330145.00N/1044048.00W	4082 (4100)								AS1500	5600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

UNOPE (IF/IAF)

TO

TIMGE

RNP

1.00

DISTANCE

6.36

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	330124.00N/1043942.00W	4177	100	83	3E	500				AC83	4800
TERRAIN	330124.00N/1043942.00W	3977 (4000)								AS1500	5500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

TIMGE

TO

RW13

RNP

0.30

DISTANCE

6.04

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3734

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

TIMGE

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	6.04		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>
							ASC				3784

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

TIMGE

TO

OROCO/2.00 NM TO RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
0.30	4.04										
<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	325357.00N/1043212.00W	3855	215	8	4B	250				RA80 XL3	4200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

OROCO/2.00 NM TO RW13

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	2.00		RW13	386	

<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 (35-028433)	325209.59N/1043012.94W	3639	50	20	2C	250				XP31	3920

COMPUTATIONS

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

SEGMENT REMARKS:

MAINTAIN CURRENTLY PUBLISHED MDA FOR ABBREVIATED AMENDMENT.

HOLD-IN-LIEU OF PT

FROM

UNOPE

TO

P-9

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
		P-9			

<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	330415.00N/1045521.00W	5050	100	125	3E	1000				AT450	6500
TERRAIN	330415.00N/1045521.00W	4850 (4900)								AS1500	6400

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

HOLAS

RNP 0.30-1.00	DISTANCE	PAT	MAP				HAT	HMAS 3569			
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5900
AAO	324454.00N/1041718.00W	3678	215	8	4B	1000					4700
TERRAIN	325109.00N/1042909.00W	3569 (3600)								AS1500	5100

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

HOLAS

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 3623			
<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				5900
AAO	324454.00N/1041718.00W	3678	215	8	4B	1000					4700
TERRAIN	325109.00N/1042909.00W	3569 (3600)								AS1500	5100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW13

TO

HOLAS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30-1.00											3820
<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				5900
AAO	324454.00N/1041718.00W	3678	215	8	4B	1000					4700
TERRAIN	325109.00N/1042909.00W	3569 (3600)								AS1500	5100

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											
AAO	325026.06N/1042938.67W	1.36	435	3669	50	20	2C	300			3980
CATEGORY B											
AAO	325040.47N/1043045.50W	1.94	455	3679	50	20	2C	300		HAA	4000
CATEGORY C											
TREE (35-028431)	324952.97N/1043158.95W	3.06	495	3739	50	20	2C	300			4040
CATEGORY D											
AAO	324950.36N/1043307.13W	4.01	695	3929	50	20	2C	300			4240

CIRCLING REMARKS:

MSA

CENTER

RW13

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	325918.00N/1050136.00W	276	29.0	5476	250	125	4E	1000			6500

MSA REMARKS:



NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

50 FT VEGETATION.

TAA NOT DEVELOPED PER FPT CHECKLIST.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAB ARTCC, ABQ FSS, ROW APP CON

<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	ATS	24	ATS	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	ROW	24	ROW	27.20	Y	81

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KATS 3544.5, KROW 3671
RA = 80.1.

<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>	
RW04 - MIRL (PCL), PAPI-4R (PCL)	BSC-G		
RW13 - MIRL (PCL), PAPI-4L (PCL)	NPI-G		
RW22 - MIRL (PCL), PAPI-4L (PCL)	NPI-G		
RW31 - MIRL (PCL), PAPI-4L (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	3533.5	42.4			3.00	40.1

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>
-22C	+54C	-22C	+7.98C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1004 HIGH TEMP 1324.

"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.

FOR CONTINGENCY USE:
-WHEN LOCAL ALTIMETER NOT RECEIVED, USE ROSWELL ALTIMETER SETTING AND INCREASE LPV DA TO 3809 FEET.
-BARO-VNAV AND VDP NA WHEN USING ROSWELL ALTIMETER SETTING.

PDF EDIT: 8260-9 PRINT ERROR - REMOVED "3" UNDER PRIMARY/SECONDARY NAVAID CATEGORY IAW 8260.19 8-7-1(C)(4).
PDF EDIT: 8260-3 PRINT ERROR - REMOVED ALTITUDE FROM SDF IN TERMINAL ROUTES.

SEE ATTACHED AIRSPACE LETTER.

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	3.53
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	134.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3659
DISTANCE FROM	THLD	TO 1500FT POINT	5.44
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	134.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3659

THRESHOLD COORDINATES (IF STR-IN)	325129.52N/1042825.33W
ARP COORDINATES	325107.00N/1042803.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 4 DISTANCE 0.60 NM
FAF COORDINATES	325546.36N/1043329.68W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
NICHOLAS PRATER	AJV-A422	03/11/2024	

