

**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.

AIRPORT ID ATS	PROCEDURE NAME RNAV (GPS) RWY 13	ORIGINAL/AMENDMENT 2A	CITY ARTESIA	STATE NM
AIRPORT ELEVATION 3545	TDZE 3534	SUPERSEDED RNAV (GPS) RWY 13	DATED 10/12/2017	MAG VAR 9E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 13 JUNE 2024	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2000
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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



AIRPORT ID
ATS

PROCEDURE NAME
RNAV (GPS) RWY 13

ORIGINAL/AMENDMENT
2A

CITY
ARTESIA

STATE
NM

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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

