

**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</u><br>ARTESIA MUNI   | <u>AIRPORT ID</u><br>KATS        | <u>PROCEDURE NAME</u><br>RNAV (GPS) RWY 22     | <u>ORIGINAL/AMENDMENT</u><br>1B           | <u>CITY</u><br>ARTESIA     | <u>STATE</u><br>NM   |                           |
| <u>AIRPORT ELEVATION</u><br>3545 | <u>TDZE</u><br>3522              | <u>SUPERSEDED</u><br>RNAV (GPS) RWY 21         | <u>ORIGINAL/AMENDMENT</u><br>1A           | <u>DATED</u><br>07/21/2016 | <u>MAG VAR</u><br>9E | <u>EPOCH YEAR</u><br>2000 |
| <u>FACILITY</u><br>RNAV          | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u><br>15 AUGUST 2019 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      |                      |                           |

**TERMINAL ROUTES**

| <b><u>FROM</u></b> | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b> | <b><u>FIX TYPE</u></b> | <b><u>LEG TYPE</u></b> | <b><u>FO/FB</u></b> | <b><u>RNP</u></b> | <b><u>COURSE</u></b> | <b><u>DISTANCE</u></b> | <b><u>ALTITUDE</u></b> |
|--------------------|------------------------|------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| CME VORTAC         |                        | SIPDE            |                        | TF                     | FB                  | 1.00              | 128.24               | 21.70                  | 6500                   |
| HOB VORTAC         |                        | FIXAV            |                        | TF                     | FB                  | 1.00              | 283.87               | 51.42                  | 7000                   |
| ROHYO              |                        | WUNTO            |                        | TF                     | FO                  | 1.00              | 351.50               | 30.25                  | 7000                   |
| FIXAV              | IAF                    | WUNTO            | NOPT                   | TF                     | FB                  | 1.00              | 276.18               | 5.00                   | 6000                   |
| SIPDE              | IAF                    | WUNTO            | NOPT                   | TF                     | FB                  | 1.00              | 156.12               | 5.00                   | 6000                   |
| WUNTO              | IF/IAF                 | GUCCY            |                        | TF                     | FB                  | 1.00              | 216.13               | 6.05                   | 5200                   |
| GUCCY              | FAF                    | RW22             | MAP                    | TF                     | FO                  | 0.30              | 216.08               | 5.15                   |                        |
| RW22               | MAP                    | 4600 MSL         |                        | CA                     |                     |                   | 216.08               |                        | 4600                   |
| 4600 MSL           |                        | WUNTO            |                        | DF                     | FO                  | 1.00              |                      |                        | 6000                   |

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW22

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 6000 DIRECT WUNTO AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

|                          |                                                                             |                |                       |                        |         |
|--------------------------|-----------------------------------------------------------------------------|----------------|-----------------------|------------------------|---------|
| 1. PT                    | SIDE OF COURSE                                                              | OUTBOUND       | FT WITHIN             | MILES OF               | (IAF)   |
| 2.                       | HOLD NE WUNTO, RT, 216.13 INBOUND, 6000 FT. IN LIEU OF PT (IAF), MAX 12000. |                |                       |                        |         |
| 3. FAC:                  | 216.08                                                                      | FAF: GUCCY     | DIST FAF TO MAP: 5.15 | DIST FAF TO THLD: 5.15 |         |
| 4. MIN ALT:              | WUNTO 6000, GUCCY 5200                                                      |                |                       |                        |         |
| 5. DIST TO THLD FROM OM: | MM:                                                                         | IM:            | 150 HAT:              | 250 HAT: 0.66          | GS ANT: |
| 6. MIN GP INCPT: 5200    | GP ALT AT FAF : GUCCY 5200                                                  |                |                       | OM:                    | MM: IM: |
| 7. GP ANGLE: 3.00        | 34:1: IS CLEAR                                                              | 20:1: IS CLEAR | TCH: 40.0             |                        |         |
| 8. MSA FROM:             | RW22 6400                                                                   |                |                       |                        |         |

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -22°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 CME VORTAC AIRWAY RADIALS 051 CW 204.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HOB VORTAC AIRWAY RADIALS 234 CW 276.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.05 NM TO RW22\*  
\*LNAV ONLY  
WAAS CHANNEL #87035  
REFERENCE PATH ID: W22A  
FAS OBST: 3619 AAO 325403N/1042509W.  
LTP HAE: 1049.6 M



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

**ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/4

| 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       | 3772   | 1   | 250     | 3772   | 1   | 250     | 3772   | 1     | 250     | 3772   | 1     | 250     |        |     |         |
| LNAV/VNAV DA | 3772   | 1   | 250     | 3772   | 1   | 250     | 3772   | 1     | 250     | 3772   | 1     | 250     |        |     |         |
| LNAV MDA     | 3880   | 1   | 358     | 3880   | 1   | 358     | 3880   | 1     | 358     | 3880   | 1     | 358     |        |     |         |
| CIRCLING     | 3960   | 1   | 415     | 4000   | 1   | 455     | 4040   | 1 1/2 | 495     | 4240   | 2 1/4 | 695     |        |     |         |

**CHANGES - REASONS**

1. ALL REFERENCES OF RUNWAY 21 CHANGED TO RUNWAY 22. - AIRPORT MAGVAR WAS UPDATED, RUNWAY NUMBER CHANGED.
2. CRC REMAINDER CHANGED FROM 0159D842 TO 8AE3C874. - UPDATED RUNWAY NUMBER, REFERENCE PATH IDENTIFIER, AND FPAP LONGITUDE.
3. APPLIED CHANGES FROM FDC NOTAM 6/2916 CHANGING THRE TO TDZE. - MINIMUMS TO MATCH CHARTED VALUES.
4. BACK UP ALTIMETER SETTING NOTES MOVED TO BACK OF 8260-9 FOR CONTINGENCY PURPOSES. - IAW 8260.19H 8-6-9
5. FEEDERS AND INTERMEDIATE RNP CODES CHANGED FROM 2.00 TO 1.00 AND 0.50 TO 1.00 RESPECTIVELY. - IAW 8260.58A CHG 1 TABLE 1-2-1.
6. ADDED 20:1 IS CLEAR, AND CHART VDP AT 1.05 NM TO RW22. - VISUAL SURFACES ARE CLEAR.
7. 34:1 IS NOT CLEAR CHANGED TO CLEAR. - VISUAL SURFACES ARE CLEAR.
8. REMOVED CHART NOTE: DME/DME RNP-0.3 NA, ADDED PBN REQUIREMENTS NOTE: RNP APCH. - IAW 8260.19H 8-9-8.
9. REMOVED CHART NOTE: RWY 21 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 12 NA AT NIGHT, AND CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - VISUAL SURFACES ARE CLEAR.
10. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE. - IAW 8260.19H 8-6-9.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, ROW APP CON, AMGR, ST AV DIR

|                                              |                                                                       |                           |                           |                         |
|----------------------------------------------|-----------------------------------------------------------------------|---------------------------|---------------------------|-------------------------|
| <b>FLIGHT CHECKED BY</b><br>MICHAEL S MILLER | <i>Digitally signed by</i><br><b>DAVID DANNER</b><br>Apr 08, 2019     | <b>OFFICE</b><br>FICO     | <b>DATE</b><br>4/2/19     |                         |
| <b>DEVELOPED BY</b><br>LEO PALMER            | <i>Digitally signed by</i><br><b>LEO PALMER</b><br>Mar 18, 2019       | <b>OFFICE</b><br>AJV-A421 | <b>DATE</b><br>02/26/2019 |                         |
| <b>APPROVED BY</b><br>JULIE MORGAN           | <i>Digitally signed by</i><br><b>CASIMIR L TABAKA</b><br>Mar 19, 2019 | <b>OFFICE</b><br>A42      | <b>DATE</b>               | <b>TITLE</b><br>MANAGER |



FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|------------------------------------------|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KATS          |
| RUNWAY                                   | RW22          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W22A          |
| LTP/FTP LATITUDE                         | 325129.7835N  |
| LTP/FTP LONGITUDE                        | 1042738.0805W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +10496        |
| FPAP LATITUDE                            | 325026.6945N  |
| FPAP LONGITUDE                           | 1042852.9115W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00040.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0680          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| CRC REMAINDER                            | 8AE3C874      |

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K2     |
| LTP ORTHOMETRIC HEIGHT  | +10727 |
| FPAP ORTHOMETRIC HEIGHT | +10727 |

