

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

| TERMINAL ROUTES  |        |                            |         |                      |     |  |          |       |         | MISSED APPROACH  |     |            |        |     |         |
|--|--------|----------------------------|---------|----------------------|-----|--|----------|-------|---------|--|-----|------------|--------|-----|---------|
| FROM   |        | TO                         |         | COURSE AND DISTANCE  |     |  | ALTITUDE |       |         |  |     |            |        |     |         |
| FOSIM (IF/IAF)   |        | NESBE (FB)                 |         | 308.61 / 6.00        |     |  | 2100     |       |         | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW31   |     |            |        |     |         |
| NESBE (FAF)  |        | ADYTA/2.50 NM TO RW31 (FB) |         | 308.57 / 2.54        |     |  |          |       |         | CLIMB TO 2600 DIRECT CISKU AND HOLD.   |     |            |        |     |         |
| ADYTA/2.50 NM TO RW31  |        | RW31 (MAP)                 |         | 308.57 / 2.50        |     |  |          |       |         |  |     |            |        |     |         |
| RW31 (MAP)   |        | 714 MSL                    |         | 308.57               |     |  |          |       |         |  |     |            |        |     |         |
| 714 MSL  |        | CISKU (FO)                 |         |                      |     |  | 2600     |       |         | <b>ADDITIONAL FLIGHT DATA:</b><br>HOLD NW, RT, 128.47 INBOUND.<br>CHART FAS OBST: 531 TREE 282604N/0991037W<br>DISTANCE TO THLD FROM 250 HAT: 0.64 NM.<br>CHART VDP AT 0.95 MILES TO RW31*<br>*LNAV ONLY.<br>WAAS CHANNEL # 42836<br>REFERENCE PATH ID: W31A<br>CHART CIRCLING ICON.<br>LTP HAE: 112.7 M |     |            |        |     |         |
|  |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
|  |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. HOLD SE FOSIM, LT, 308.61 INBOUND, 2600 FT. IN LIEU OF PT (IAF)<br>3. FAC: <u>308.57</u> FAF: <u>NESBE</u> DIST FAF TO MAP: <u>5.04</u> THLD: <u>5.04</u><br>4. MIN. ALT: FOSIM 2600, NESBE 2100, ADYTA/2.50 NM TO RW31 1280*<br>5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u><br>6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>NESBE 2100</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS CLEAR<br>8. MSA FROM: <u>      </u> |        |                            |         |                      |     |  |          |       |         | MAG VAR: 6E EPOCH YEAR: 2005   |     |            |        |     |         |
| MINIMUMS   |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT  |        |                            |         |                      |     |  |          |       |         | ALTERNATE: N A   |     | STANDARD   |        |     |         |
| CATEGORY =====>  | A      |                            |         | B                    |     |  | C        |       |         | D  |     |            | E      |     |         |
|  | DH/MDA | VIS                        | HAT/HAA | DH/MDA               | VIS | HAT/HAA                                | DH/MDA   | VIS   | HAT/HAA | DH/MDA   | VIS | HAT/HAA    | DH/MDA | VIS | HAT/HAA |
| LPV DA   | 714    | 3/4                        | 250     | 714                  | 3/4 | 250                                    | 714      | 3/4   | 250     |  | NA  |            |        |     |         |
| LNAV/VNAV DA   | 714    | 3/4                        | 250     | 714                  | 3/4 | 250                                    | 714      | 3/4   | 250     |  | NA  |            |        |     |         |
| LNAV MDA   | 800    | 1                          | 336     | 800                  | 1   | 336                                    | 800      | 1     | 336     |  | NA  |            |        |     |         |
| CIRCLING   | 920    | 1                          | 446     | 940                  | 1   | 466                                    | 1120     | 1 3/4 | 646     |  | NA  |            |        |     |         |
|  |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
|  |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
| <b>NOTES:</b><br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -5C (23F) OR ABOVE 54C (130F).<br>CHART NOTE: DME/DME RNP-0.3 NA.   |        |                            |         |                      |     |  |          |       |         |  |     |            |        |     |         |
| CITY AND STATE   |        | ELEVATION: 474 TDZE: 464   |         | FACILITY IDENTIFIER: |     | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: |          |       |         | SUP:   |     |            |        |     |         |
| COTULLA, TX  |        | AIRPORT NAME:              |         | RNAV                 |     | RNAV (GPS) RWY 31, AMDT 2              |          |       |         | AMDT: 1  |     |            |        |     |         |
|  |        | COTULLA-LA SALLE COUNTY    |         |                      |     | 18 SEPTEMBER 2014                      |          |       |         | DATED  |     | 02/16/2006 |        |     |         |

QUALITY  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 219/30 CW 039/30 (NOPT) | FOSIM (IF/IAF) (FB) | 2600 |
| 2. | 039/30 CW 219/30        | FOSIM (IF/IAF) (FO) | 2600 |

CITY AND STATE  
COTULLA, TX

ELEVATION: 474 TDZE: 464  
AIRPORT NAME:  
COTULLA-LA SALLE COUNTY

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 31, AMDT 2  
18 SEPTEMBER 2014

SUP:  
AMDT: 1  
DATED: 02/16/2006

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KCOT          |
| RUNWAY                                   | RW31          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W31A          |
| LTP/FTP LATITUDE                         | 282659.7815N  |
| LTP/FTP LONGITUDE                        | 0991238.0730W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +01127        |
| FPAP LATITUDE                            | 282802.4370N  |
| FPAP LONGITUDE                           | 0991350.1305W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00045.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0920          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |

|                      |          |
|----------------------|----------|
| <u>CRC REMAINDER</u> | C2399AAA |
|----------------------|----------|

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +01375 |
| FPAP ORTHOMETRIC HEIGHT | +01375 |

CITY AND STATE

COTULLA, TX

ELEVATION: 474

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AIRPORT NAME:

COTULLA-LA SALLE COUNTY

FACILITY  
IDENTIFIER:

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 2

18 SEPTEMBER 2014

SUP:

AMDT:

1

DATED:

02/16/2006

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[illegible][illegible]

| SEGMENT | 1          | 2      | 3                  | 4      | 5       | 6          | 7        | 8 | 9          | 0     | 1    | 2  | 3  |
|---------|------------|--------|--------------------|--------|---------|------------|----------|---|------------|-------|------|----|----|
| SUSAP   | KCOTK4FR31 | AFOSIM | 010FOSIMK4EA0EE    | AL     | HF      |            | 30860040 |   | + 02600    | 18000 |      | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 010FOSIMK4EA0E     | I      | IF      |            |          |   | + 02600    | 18000 |      | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 020NESBEK4EA1E     | F      | 051TF   |            | 30860060 |   | + 02100    |       |      | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 020NESBEK4EA2WALPV |        |         | ALNAV/VNAV |          |   |            |       |      | JS |    |
| SUSAP   | KCOTK4FR31 | R      | 021ADYTAK4EA0E     | S      | 031TF   |            | 30860025 | V | 0128001292 |       | -300 | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 030RW31            | K4PGOG | M 031TF |            | 30860025 |   | 00496      |       | -300 | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 040                |        | 0 M CA  |            | 3086     |   | + 00714    |       |      | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 050CISKUK4EA0EY    |        | DF      |            |          |   | + 02600    |       |      | A  | JS |
| SUSAP   | KCOTK4FR31 | R      | 060CISKUK4EA0EE    | R      | HM      |            | 12850040 |   | + 02600    |       |      | A  | JS |

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QUALITY  
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FAA FORM 8260 - 10 / April 2006 (Computer Generated)

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED    |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
|        | FOSIM      | FOSIM | 010 | IAF  | HF   | L    | FO    |     | 308.6 (314.6T) | 004.0    | AA 02600 |          |
|        |            | FOSIM | 010 | FACF | IF   |      | FB    |     |                |          | AA 02600 |          |
|        |            | NESBE | 020 | FAF  | TF   |      | FB    | 0.5 | 308.6 (314.6T) | 006.0    | AA 02100 |          |
|        |            | ADYTA | 021 | SDF  | TF   |      | FB    | 0.3 | 308.6 (314.6T) | 002.5    | AA 01280 | GS 01292 |
|        |            | RW31  | 030 | MAP  | TF   |      | FB    | 0.3 | 308.6 (314.6T) | 002.5    | AT 00496 |          |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 308.6 (314.6T) |          | AA 00714 |       |
|                 | CISKU | 050 |     | DF   |      | FO    |     |                |          | AA 02600 |       |
|                 | CISKU | 060 |     | HM   | R    | FO    |     | 128.5 (134.5T) | 004.0    | AA 02600 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | ADYTA    | N282514.28  | W0991036.82  | N2825.238   | W09910.614   |
|            | CISKU    | N283523.80  | W0992218.63  | N2835.397   | W09922.311   |
|            | FOSIM    | N281913.79  | W0990343.28  | N2819.230   | W09903.721   |
|            | NESBE    | N282327.20  | W0990833.86  | N2823.453   | W09908.564   |
|            | RW31     | N282659.78  | W0991238.07  | N2826.996   | W09912.635   |

| RUNWAY DATA | RWY  | THRESHOLD<br>ELEVATION | TCH |
|-------------|------|------------------------|-----|
|             | RW31 | 00451                  | 45  |

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|                               |  |           |                      |  |                   |
|-------------------------------|--|-----------|----------------------|--|-------------------|
| CITY AND STATE<br>COTULLA, TX | ELEVATION: 474                           | TDZE: 464 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br>RNAV (GPS) RWY 31, AMDT 2<br>18 SEPTEMBER 2014 | SUP:              |
|                               | AIRPORT NAME:<br>COTULLA-LA SALLE COUNTY |           | RNAV                 |  | AMDT: 1           |
|                               |  |           |                      |  | DATED: 02/16/2006 |