

|  |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
|--|--------|----------------------------|---------|---|-----|--|--------|------------------------------|---------|--|-------|---------|------------|---|---------|--|
| <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR PART 97.33</b>   |        |                            |         |   |     | 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                     |         | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW08<br><br>CLIMB TO 5000 DIRECT CELRA AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD E, RT, 260.79 INBOUND.<br>CHART FAS OBST: 3379 ROD 333958N/1014912W<br>DISTANCE TO THLD FROM 200 HATH: 0.47 NM.<br>WAAS CHANNEL # 97327<br>REFERENCE PATH ID: W08A<br>CHART: ASR<br>LTP HAE: 968 M |       |         |            |   |         |  |
| SLIDE  |        | JUVAL (FB)                 |         | 315.76 / 13.52  |     |  |        | 5100                         |         |  |       |         |            |   |         |  |
| JUVAL (IAF)  |        | KAPWU (FB)                 |         | 011.76 / 16.10  |     |  |        | 5100                         |         |  |       |         |            |   |         |  |
| SPADE (IAF)  |        | KAPWU (FB)                 |         | 149.43 / 16.10  |     |  |        | 5100                         |         |  |       |         |            |   |         |  |
| KAPWU (IF)   |        | CAVSI (FB)                 |         | 080.55 / 6.24   |     |  |        | 4700                         |         |  |       |         |            |   |         |  |
| CAVSI (FAF)  |        | WUMBA/1.40 NM TO RW08 (FB) |         | 080.61 / 2.97   |     |  |        |                              |         |  |       |         |            |   |         |  |
| WUMBA/1.40 NM TO RW08  |        | RW08 (MAP) (FO)            |         | 080.65 / 1.40   |     |  |        |                              |         |  |       |         |            |   |         |  |
| (SEE FORM 8260-10)   |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
| 1. PT <u>    </u> SIDE OF COURSE <u>    </u> OUTBOUND <u>    </u> FT WITHIN <u>    </u> MILES OF <u>    </u> (IAF)<br>2. PROFILE STARTS AT KAPWU<br>3. FAC: <u>080.61</u> FAF: <u>CAVSI</u> DIST FAF TO MAP: <u>4.37</u> THLD: <u>4.37</u><br>4. MIN. ALT: <u>KAPWU 5100, CAVSI 4700, WUMBA/1.40 NM TO RW08 3740*</u><br>5. DIST TO THLD FROM OM: <u>    </u> MM: <u>    </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u>    </u> GS ANT: <u>    </u><br>6. MIN GS INCPT: <u>4700</u> GS ALT AT: <u>CAVSI 4700</u> OM: <u>    </u> MM: <u>    </u> IM: <u>    </u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR<br>8. MSA FROM: <u>RW08 5300</u> |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
| 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   | 3458   | 3/4                        | 200     | 3458  | 3/4 | 200  | 3458   | 3/4                          | 200     | 3458   | 3/4   | 200     | 3458       | 3/4   | 200     |  |
| LNAV/VNAV DA   | 3540   | 7/8                        | 282     | 3540  | 7/8 | 282  | 3540   | 7/8                          | 282     | 3540   | 7/8   | 282     | 3540       | 7/8   | 282     |  |
| LNAV MDA   | 3640   | 1                          | 382     | 3640  | 1   | 382  | 3640   | 1 1/8                        | 382     | 3640   | 1 1/8 | 382     | 3640       | 1 1/8   | 382     |  |
| CIRCLING   | 3720   | 1                          | 438     | 3740  | 1   | 458  | 3740   | 1 1/2                        | 458     | 3840   | 2     | 558     | 3980       | 2 1/2   | 698     |  |
|  |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
|  |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
| NOTES:<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11C (13F) OR ABOVE 23C (73F). @ CAT E 800-2 1/2<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPADE ON V62 NORTHWEST BOUND AND ARRIVALS AT SLIDE ON V76 SOUTHBOUND.<br>*LNAV ONLY   |        |                            |         |   |     |  |        |                              |         |  |       |         |            |   |         |  |
| CITY AND STATE<br>LUBBOCK, TX  |        |                            |         | ELEVATION: 3282 THRE: 3258<br>AIRPORT NAME:<br>LUBBOCK PRESTON SMITH INTL |     |  |        | FACILITY IDENTIFIER:<br>RNAV |         | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 8, AMDT 2<br>26 JULY 2012   |       |         |            | SUP: <u>    </u><br>AMDT: <u>    </u><br>DATED 09/01/2005 |         |  |

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, (CONT.):

| FROM       | TO         | COURSE AND DISTANCE | ALTITUDE |
|------------|------------|---------------------|----------|
| RW08 (MAP) | 3458 MSL   | 080.65              |          |
| 3458 MSL   | CELRA (FO) |                     | 5000     |



CITY AND STATE  
LUBBOCK, TX

ELEVATION: 3282      THRE: 3258  
AIRPORT NAME:  
LUBBOCK PRESTON SMITH INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 8, AMDT 2  
26 JULY 2012

SUP:  
AMDT: 1  
DATED: 09/01/2005

## U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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                       | KLBB          |
| RUNWAY                                   | RW08          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          | 0             |
| REFERENCE PATH DATA SELECTOR             | W08A          |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | 333944.0200N  |
| LTP/FTP LATITUDE                         | 1014922.4350W |
| LTP/FTP LONGITUDE                        | +09680        |
| LTP/FTP ELLIPSOIDAL HEIGHT               | 333944.5400N  |
| FPAP LATITUDE                            | 1014735.6900W |
| FPAP LONGITUDE                           | 00050.0       |
| THRESHOLD CROSSING HEIGHT (TCH)          | F             |
| TCH UNITS SELECTOR (METERS OR FEET USED) | 03.00         |
| GLIDEPATH ANGLE (GPA)                    | 106.75        |
| COURSE WIDTH AT THRESHOLD                | 0312          |
| LENGTH OFFSET                            | 40.0          |
| HORIZONTAL ALERT LIMIT (HAL)             | 35.0          |
| VERTICAL ALERT LIMIT (VAL)               |               |

CRC REMAINDER

CBDFE248

ADDITIONAL PATH POINT RECORD INFORMATION

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K4     |
| LTP ORTHOMETRIC HEIGHT  | +09931 |
| FPAP ORTHOMETRIC HEIGHT | +09931 |

CITY AND STATE

LUBBOCK, TX

ELEVATION: 3282

THRE: 3258

AIRPORT NAME:

LUBBOCK PRESTON SMITH INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, AMDT 2

26 JULY 2012

SUP:

AMDT: 1

DATED: 09/01/2005

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[illegible][illegible]

| SEGMENT | 1          | 2      | 3                  | 4               | 5          | 6        | 7 | 8            | 9 | 0     | 1    | 2     | 3    |
|---------|------------|--------|--------------------|-----------------|------------|----------|---|--------------|---|-------|------|-------|------|
| SUSAP   | KLBBK4FR08 | ASLIDE | 010SLIDEK4EA0E     | IF              |            |          |   |              |   | 18000 |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | ASLIDE | 020JUVALK4EA0E     | A 020TF         |            | 31580135 |   | + 05100      |   |       |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | ASLIDE | 030KAPWUK4EA0EE    | B 010TF         |            | 01180161 |   | + 05100      |   |       |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | ASPADE | 010SPADEK4EA0E     | A IF            |            |          |   |              |   | 18000 |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | ASPADE | 020KAPWUK4EA0EE    | B 010TF         |            | 14940161 |   | + 05100      |   |       |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | R      | 010KAPWUK4EA0E     | I IF            |            |          |   | + 05100      |   | 18000 |      | A JS  |      |
| SUSAP   | KLBBK4FR08 | R      | 020CAVSIK4EA1E     | F 051TF         |            | 08060062 |   | + 04700      |   |       | RW08 | K4PGA | JS   |
| SUSAP   | KLBBK4FR08 | R      | 020CAVSIK4EA2WALPV |                 | ALNAV/VNAV | ALNAV    |   |              |   |       |      |       | JS   |
| SUSAP   | KLBBK4FR08 | R      | 021WUMBAK4EA0E     | S 031TF         |            | 08060030 |   | V 0374003754 |   |       | -300 |       | A JS |
| SUSAP   | KLBBK4FR08 | R      | 030RW08            | K4PG0GY M 031TF |            | 08070014 |   | 03308        |   |       | -300 |       | A JS |
| SUSAP   | KLBBK4FR08 | R      | 040                | 0 M CA          |            | 0807     |   | + 03458      |   |       |      |       | A JS |
| SUSAP   | KLBBK4FR08 | R      | 050CELR4K4EA0EY    | DF              |            |          |   | + 05000      |   |       |      |       | A JS |
| SUSAP   | KLBBK4FR08 | R      | 060CELR4K4EA0EE    | R HM            |            | 26080070 |   | + 05000      |   |       |      |       | A JS |

[illegible][illegible]

|                                   |  |                                     |  |                   |
|-----------------------------------|--|-------------------------------------|--|-------------------|
| CITY AND STATE<br><br>LUBBOCK, TX | ELEVATION: 3282<br>THRE: 3258<br><br>AIRPORT NAME:<br>LUBBOCK PRESTON SMITH INTL | FACILITY<br>IDENTIFIER:<br><br>RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br>RNAV (GPS) RWY 8, AMDT 2<br><br>26 JULY 2012 | SUP:              |
|                                   |  |                                     |  | AMDT: 1           |
|                                   |  |                                     |  | DATED: 09/01/2005 |

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[illegible]

|        |            |
|--------|------------|
| SUP:   |            |
| AMDT:  | 1          |
| DATED: | 09/01/2005 |

**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    |
|--------|------------|-------|-----|------|------|------|-------|-----|---------------|----------|----------|----------|
|        | SLIDE      | SLIDE | 010 |      | IF   |      | FB    |     |               |          |          |          |
|        | SLIDE      | JUVAL | 020 | IAF  | TF   |      | FB    | 2.0 | 315.8(324.8T) | 013.5    | AA 05100 |          |
|        | SLIDE      | KAPWU | 030 |      | TF   |      | FB    | 1.0 | 011.8(020.8T) | 016.1    | AA 05100 |          |
|        | SPADE      | SPADE | 010 | IAF  | IF   |      | FB    |     |               |          |          |          |
|        | SPADE      | KAPWU | 020 |      | TF   |      | FB    | 1.0 | 149.4(158.4T) | 016.1    | AA 05100 |          |
|        |            | KAPWU | 010 | FACF | IF   |      | FB    |     |               |          | AA 05100 |          |
|        |            | CAVSI | 020 | FAF  | TF   |      | FB    | 0.5 | 080.6(089.6T) | 006.2    | AA 04700 |          |
|        |            | WUMBA | 021 | SDF  | TF   |      | FB    | 0.3 | 080.6(089.6T) | 003.0    | AA 03740 | GS 03754 |
|        |            | RW08  | 030 | MAP  | TF   |      | FO    | 0.3 | 080.7(089.7T) | 001.4    | AT 03308 |          |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|---------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 080.7(089.7T) |          | AA 03458 |       |
|                 | CELRA | 050 |     | DF   |      | FO    |     |               |          | AA 05000 |       |
|                 | CELRA | 060 |     | HM   | R    | FO    |     | 260.8(269.8T) | 007.0    | AA 05000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | CAVSI    | N333942.35  | W1015436.56  | N3339.706   | W10154.609   |
|            | CELRA    | N333947.56  | W1013444.95  | N3339.793   | W10134.749   |
|            | JUVAL    | N332434.97  | W1020855.40  | N3324.583   | W10208.923   |
|            | KAPWU    | N333939.62  | W1020205.30  | N3339.660   | W10202.088   |
|            | SLIDE    | N331331.43  | W1015936.15  | N3313.524   | W10159.603   |
|            | SPADE    | N335439.69  | W1020910.64  | N3354.662   | W10209.177   |
|            | WUMBA    | N333943.51  | W1015103.08  | N3339.725   | W10151.051   |
|            | RW08     | N333944.02  | W1014922.44  | N3339.734   | W10149.374   |

| RUNWAY DATA | RWY  | THRESHOLD<br>ELEVATION | TCH |
|-------------|------|------------------------|-----|
|             | RW08 | 03258                  | 50  |

|                                      |  |                   |  |   |                          |
|--------------------------------------|--|-------------------|--|---|--------------------------|
| CITY AND STATE<br><b>LUBBOCK, TX</b> | ELEVATION: <b>3282</b>                             | THRE: <b>3258</b> | FACILITY<br>IDENTIFIER:<br><br><b>RNAV</b> | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br><b>RNAV (GPS) RWY 8, AMDT 2</b><br>26 JULY 2012 | SUP:                     |
|                                      | AIRPORT NAME:<br><b>LUBBOCK PRESTON SMITH INTL</b> |                   |  |   | AMDT: <b>1</b>           |
|                                      |  |                   |  |   | DATED: <b>09/01/2005</b> |