

|                                                                                                                                                                                                                                                                                                                                 |                              |                                               |                                     |                                                   |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------------------|
| Flight Procedures Cover Page                                                                                                                                                                                                                                                                                                    | Task Action:<br>FLIGHT CHECK | Task Type:<br>STAR                            | Estimated Chart Date:<br>08/07/2025 | APWS Task ID:<br>3B3118EC920344AAA87FA3467968BF9E | APWS Project ID:<br>A86ABA8870CE49968E5CE3F1C624C70F |
| Procedure:<br>STAR LEMIG TWO SAN ANTONIO TX KSAT                                                                                                                                                                                                                                                                                |                              | Enroute:<br>YES                               | Specialist:<br>Swinson, Robert      |                                                   | Agreement Number:                                    |
| Airport ID:<br>KSAT                                                                                                                                                                                                                                                                                                             |                              |                                               | Airport City:<br>SAN ANTONIO        |                                                   | State:<br>TX                                         |
| Facility ID:                                                                                                                                                                                                                                                                                                                    | Facility Type:               | Flight Inspection Remark Type:<br>New FC Slot |                                     |                                                   |                                                      |
| <div>Procedure Comments:</div> <div>THREE RIVERS (THX) VORTAC DECOMMISSION - MON NATL PROGRAM.</div> <div>ESV(1): MAX ALTITUDE FOR LOREDO TO LEMIG TRANSITION.</div> <div>CONTACT CASIMIR TABAKA 405-202-7857.</div> <div><div>03/06/2025</div><div>QUALITY<br/>14<br/>CHECKED</div><div>QUALITY<br/>38<br/>CHECKED</div></div> |                              |                                               |                                     |                                                   |                                                      |

| <b>FIPC BASIC FORM</b>                                                         |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       |                                                                                                |
|--------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>PROCEDURE:</b><br>LEMIG TWO ARRIVAL                                         |                                                     |                                  | <b>AIRPORT NAME:</b><br>SAN ANTONIO INTL    |                                                                                                                                                      | <b>AIRPORT ID:</b><br>KSAT                                                                                   | <b>SPECIAL CONTROL NO:</b><br>OP-04-178-25                                                                            |                                                                                                |
| <b>FAC ID:</b> LEMIG2                                                          |                                                     | <b>CITY:</b> SAN ANTONIO         |                                             |                                                                                                                                                      | <b>ST:</b> TX                                                                                                | <b>ORIG CHART DATE:</b> 08/07/2025                                                                                    |                                                                                                |
| <b>DFL TYPE:</b><br>PROC/T                                                     | <b>THIRD PARTY:</b><br><input type="checkbox"/> YES | <b>EST. TIME ON SITE:</b><br>0.4 | <b>REIMB. NUMBER:</b><br>AC0721             |                                                                                                                                                      | <b>PTS TASK ID:</b><br>3B3118EC920344AAA87FA3467968BF9E                                                      |                                                                                                                       |                                                                                                |
| <b>PREFLIGHT NOTES</b>                                                         |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       |                                                                                                |
| <b>REVIEWER:</b> mark j rogers                                                 |                                                     |                                  |                                             |                                                                                                                                                      | <b>DATE:</b> 05/27/2025                                                                                      |                                                                                                                       |                                                                                                |
| <b>COMMENTS:</b><br>ESV requests missing in Procedure Package.                 |                                                     |                                  |                                             |                                                                                                                                                      | <b>CHECK ONE:</b>                                                                                            |                                                                                                                       |                                                                                                |
|                                                                                |                                                     |                                  |                                             |                                                                                                                                                      | <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input checked="" type="checkbox"/> REJECT |                                                                                                                       |                                                                                                |
|                                                                                |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       | YES                                                                                            |
|                                                                                |                                                     |                                  |                                             |                                                                                                                                                      | <b>CPV COMPLETE?</b>                                                                                         |                                                                                                                       | X                                                                                              |
| <b>PROCEDURE RESULTS</b>                                                       |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       |                                                                                                |
| <b>INSPECTION DATE:</b><br>05/27/2025                                          |                                                     | <b>CREW #:</b><br>VN442          | <b>N #:</b>                                 | <b>INSTRUMENT PROCEDURE STATUS:</b><br><input type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input checked="" type="checkbox"/> UNSAT |                                                                                                              | <b>ARINC CODING:</b><br><input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT |                                                                                                |
| <b>FLIGHT INSPECTOR SIGNATURE:</b><br>mark j rogers @ 05/27/2025 14:36         |                                                     |                                  | <b>PRINTED NAME:</b><br>ROGERS, MARK JOSEPH |                                                                                                                                                      |                                                                                                              |                                                                                                                       | <b>NOTAM INITIATED?</b><br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <b>FLIGHT INSPECTOR REMARKS:</b><br>ESV requests missing in Procedure Package. |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       |                                                                                                |
| <b>IN-FLIGHT OBSTACLE REPORT</b>                                               |                                                     |                                  |                                             |                                                                                                                                                      |                                                                                                              |                                                                                                                       |                                                                                                |
| <b>OBSTRUCTION ID #:</b>                                                       | <b>COORDINATES OR LOCATION:</b>                     |                                  | <b>GNSS ALTITUDE (MSL):</b>                 |                                                                                                                                                      | <b>BAROMETRIC ALTITUDE (MSL):</b>                                                                            |                                                                                                                       | <b>HEIGHT ABOVE GROUND LEVEL:</b>                                                              |

**ESV Details**

|                                                                                                                                                         |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-A45                                                                                                                             |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                                    |          |                          |          |                            |                  |                 |
| Chart Name:WELLN KSAT LEMIG STAR                                                                                                                        |          | City:SAN ANTONIO         |          | Ident:SAT                  |                  | State:TX        |
| Type/Class: H-VOR                                                                                                                                       |          | Frequency: M116.8        |          | Reference Number: 25059067 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                               |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 690881 - 038                                                                                                                                        | 175      |                          | 51       | 30                         | 62               |                 |
| Requirement: WELLN KSAT LEMIG STAR (VORMON VH)                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Gurney Rebecca                                                                                                                                |          | Routing Symbol:AJV-A45   |          |                            |                  | Date:05/06/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                              |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 690881 - 038                                                                                                                                        | 175      |                          | 51       | 30                         | 62               | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STAR (VORMON VH)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                                 |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                                        |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 690881 - 038                                                                                                                                        | 175      |                          | 51       | 30                         | 62               | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STAR (VORMON VH)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                                 |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                             |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 690881 - 038                                                                                                                                        | 175      |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                                    |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                              |          | Routing Symbol:          |          |                            | Date:            |                 |

**ESV Details**

|                                                                                                                                             |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-A45                                                                                                                 |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                        |          |                          |          |                            |                  |                 |
| Chart Name:WELLN KSAT LEMIG STAR                                                                                                            |          | City:SAN ANTONIO         |          | Ident:SAT                  |                  | State:TX        |
| Type/Class: TACAN                                                                                                                           |          | Frequency: M1202         |          | Reference Number: 25059068 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                   |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 698220 - 074                                                                                                                            | 175      |                          | 51       | 30                         | 157              |                 |
| Requirement: WELLN KSAT LEMIG STAR                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Gurney Rebecca                                                                                                                    |          | Routing Symbol:AJV-A45   |          |                            |                  | Date:05/06/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                  |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698220 - 074                                                                                                                            | 175      |                          | 51       | 30                         | 157              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STARAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                     |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                            |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698220 - 074                                                                                                                            | 175      |                          | 51       | 30                         | 157              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STARAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                     |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                 |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698220 - 074                                                                                                                            | 175      |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                        |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                  |          | Routing Symbol:          |          |                            | Date:            |                 |

**ESV Details**

|                                                                                                                                             |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-A45                                                                                                                 |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                        |          |                          |          |                            |                  |                 |
| Chart Name:WELLN KSAT LEMIG STAR                                                                                                            |          | City:CORPUS CHRISTI      |          | Ident:CRP                  |                  | State:TX        |
| Type/Class: TACAN                                                                                                                           |          | Frequency: M1189         |          | Reference Number: 25059066 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                   |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 704212 - 048                                                                                                                            | 305      |                          | 79       | 60                         | 146              |                 |
| Requirement: WELLN KSAT LEMIG STAR                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Gurney Rebecca                                                                                                                    |          | Routing Symbol:AJV-A45   |          |                            |                  | Date:05/06/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                  |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 704212 - 048                                                                                                                            | 305      |                          | 79       | 60                         | 146              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STARAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                     |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                            |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 704212 - 048                                                                                                                            | 305      |                          | 79       | 60                         | 146              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STARAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                     |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                 |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                      | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 704212 - 048                                                                                                                            | 305      |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                        |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                  |          | Routing Symbol:          |          |                            | Date:            |                 |

**ESV Details**

|                                                                                                                                                         |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-A45                                                                                                                             |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                                    |          |                          |          |                            |                  |                 |
| Chart Name:WELLN KSAT LEMIG STAR                                                                                                                        |          | City:CORPUS CHRISTI      |          | Ident:CRP                  |                  | State:TX        |
| Type/Class: H-VOR                                                                                                                                       |          | Frequency: M115.5        |          | Reference Number: 25059065 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                               |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 711546 - 034                                                                                                                                        | 305      |                          | 79       | 60                         | 146              |                 |
| Requirement: WELLN KSAT LEMIG STAR (VORMON VH)                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Gurney Rebecca                                                                                                                                |          | Routing Symbol:AJV-A45   |          |                            |                  | Date:05/06/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                              |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711546 - 034                                                                                                                                        | 305      |                          | 79       | 60                         | 146              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STAR (VORMON VH)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                                 |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                                        |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711546 - 034                                                                                                                                        | 305      |                          | 79       | 60                         | 146              | APPROVE         |
| Requirement/Remarks: WELLN KSAT LEMIG STAR (VORMON VH)APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                                 |          | Routing Symbol:          |          |                            | Date:05/06/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                             |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711546 - 034                                                                                                                                        | 305      |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                                    |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                              |          | Routing Symbol:          |          |                            | Date:            |                 |

**ESV Details**

|                                                                                                                                                         |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-A42                                                                                                                             |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                                    |          |                          |          |                            |                  |                 |
| Chart Name:SLENA XING V163                                                                                                                              |          | City:COTULLA             |          | Ident:COT                  |                  | State:TX        |
| Type/Class: H-VOR                                                                                                                                       |          | Frequency: M115.8        |          | Reference Number: 25017907 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                               |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 711555 - 017                                                                                                                                        | 75       |                          | 49       | 30                         | 56               |                 |
| Requirement: XING RADIAL FOR SLENA INT ON V163                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Smith Barry                                                                                                                                   |          | Routing Symbol:AJV-A423  |          |                            |                  | Date:01/21/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                              |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711555 - 017                                                                                                                                        | 75       |                          | 49       | 30                         | 56               | APPROVE         |
| Requirement/Remarks: XING RADIAL FOR SLENA INT ON V163APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Bowers Michael                                                                                                                                |          | Routing Symbol:          |          |                            | Date:01/22/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                                        |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711555 - 017                                                                                                                                        | 75       |                          | 49       | 30                         | 56               | APPROVE         |
| Requirement/Remarks: XING RADIAL FOR SLENA INT ON V163APPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                                 |          | Routing Symbol:          |          |                            | Date:01/22/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                             |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                                  | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 711555 - 017                                                                                                                                        | 75       |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                                    |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                              |          | Routing Symbol:          |          |                            | Date:            |                 |

## ESV Details

|                                                                                                                                                   |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-432                                                                                                                       |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                              |          |                          |          |                            |                  |                 |
| Chart Name:LEMIG STAR                                                                                                                             |          | City:LAREDO              |          | Ident:LRD                  |                  | State:TX        |
| Type/Class: H-VOR                                                                                                                                 |          | Frequency: M117.4        |          | Reference Number: 25017944 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                         |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 697504 - 010                                                                                                                                  | 19       |                          | 102      | 100                        | 180              |                 |
| Requirement: Establish for LEMIG DME Fix                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Swinson Robert                                                                                                                          |          | Routing Symbol:AJV-A432  |          |                            |                  | Date:01/27/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                        |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 697504 - 010                                                                                                                                  | 19       |                          | 102      | 100                        | 180              | APPROVE         |
| Requirement/Remarks: Establish for LEMIG DME FixAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Bowers Michael                                                                                                                          |          | Routing Symbol:          |          |                            | Date:01/28/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                                  |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 697504 - 010                                                                                                                                  | 19       |                          | 102      | 100                        | 180              | APPROVE         |
| Requirement/Remarks: Establish for LEMIG DME FixAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                           |          | Routing Symbol:          |          |                            | Date:01/29/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                       |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 697504 - 010                                                                                                                                  | 19       |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                              |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                        |          | Routing Symbol:          |          |                            | Date:            |                 |



**ESV Details**

|                                                                                                                                                   |          |                          |          |                            |                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|----------|----------------------------|------------------|-----------------|
| Originating Office :AJV-432                                                                                                                       |          | Airspace Docket Number : |          | Request Type :Establish    |                  |                 |
| <b>Facility Data</b>                                                                                                                              |          |                          |          |                            |                  |                 |
| Chart Name:LEMIG STAR                                                                                                                             |          | City:LAREDO              |          | Ident:LRD                  |                  | State:TX        |
| Type/Class: TACAN                                                                                                                                 |          | Frequency: M1208         |          | Reference Number: 25017945 |                  |                 |
| <b>Extended Service Volume Data: (Requesting Officer)</b>                                                                                         |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude |                 |
| FAA 698231 - 008                                                                                                                                  | 19       |                          | 102      | 100                        | 180              |                 |
| Requirement: Establish for LEMIG DME Fix                                                                                                          |          |                          |          |                            |                  |                 |
| Signature:Swinson Robert                                                                                                                          |          | Routing Symbol:AJV-A432  |          |                            |                  | Date:01/27/2025 |
| <b>Extended Service Volume Data: (FMO)</b>                                                                                                        |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698231 - 008                                                                                                                                  | 19       |                          | 102      | 100                        | 180              | APPROVE         |
| Requirement/Remarks: Establish for LEMIG DME FixAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Bowers Michael                                                                                                                          |          | Routing Symbol:          |          |                            | Date:01/28/2025  |                 |
| <b>Extended Service Volume Data: (Super FMO)</b>                                                                                                  |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698231 - 008                                                                                                                                  | 19       |                          | 102      | 100                        | 180              | APPROVE         |
| Requirement/Remarks: Establish for LEMIG DME FixAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT.. |          |                          |          |                            |                  |                 |
| Signature:Hughes Dennis                                                                                                                           |          | Routing Symbol:          |          |                            | Date:01/29/2025  |                 |
| <b>Extended Service Volume Data: (FIFO)</b>                                                                                                       |          |                          |          |                            |                  |                 |
| ESV ID                                                                                                                                            | Radial 1 | Radial 2                 | Distance | Minimum Altitude           | Maximum Altitude | Action Type     |
| FAA 698231 - 008                                                                                                                                  | 19       |                          |          |                            |                  |                 |
| Requirement/Remarks:                                                                                                                              |          |                          |          |                            |                  |                 |
| Signature:                                                                                                                                        |          | Routing Symbol:          |          |                            | Date:            |                 |

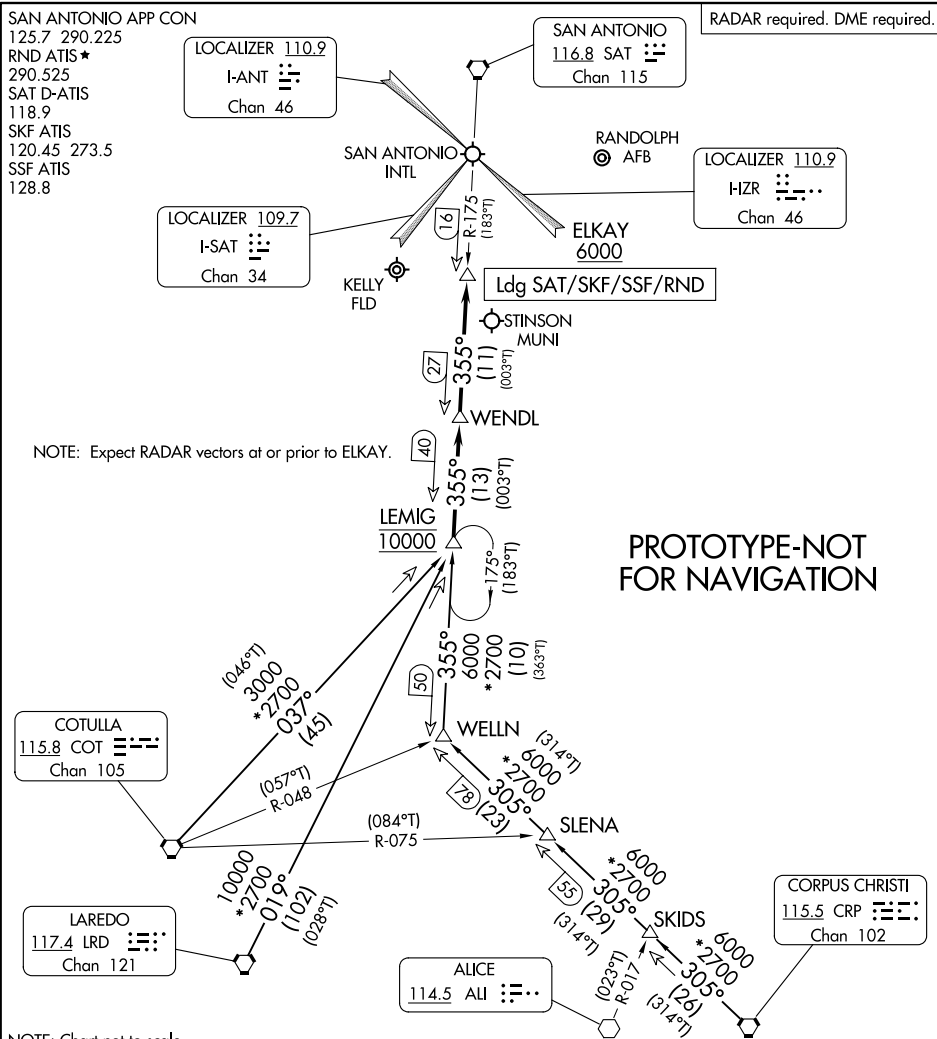
## LEMIG TWO ARRIVAL

SAN ANTONIO, TEXAS

SAN ANTONIO APP CON

125.7 290.225  
 RND ATIS ★  
 290.525  
 SAT D-ATIS  
 118.9  
 SKF ATIS  
 120.45 273.5  
 SSF ATIS  
 128.8

RADAR required. DME required.



## ARRIVAL ROUTE DESCRIPTION

CORPUS CHRISTI TRANSITION (CRP.LEMIG2): From over CRP VORTAC on CRP R-305 to WELLN, then on SAT R-175 to LEMIG. Thence . . .

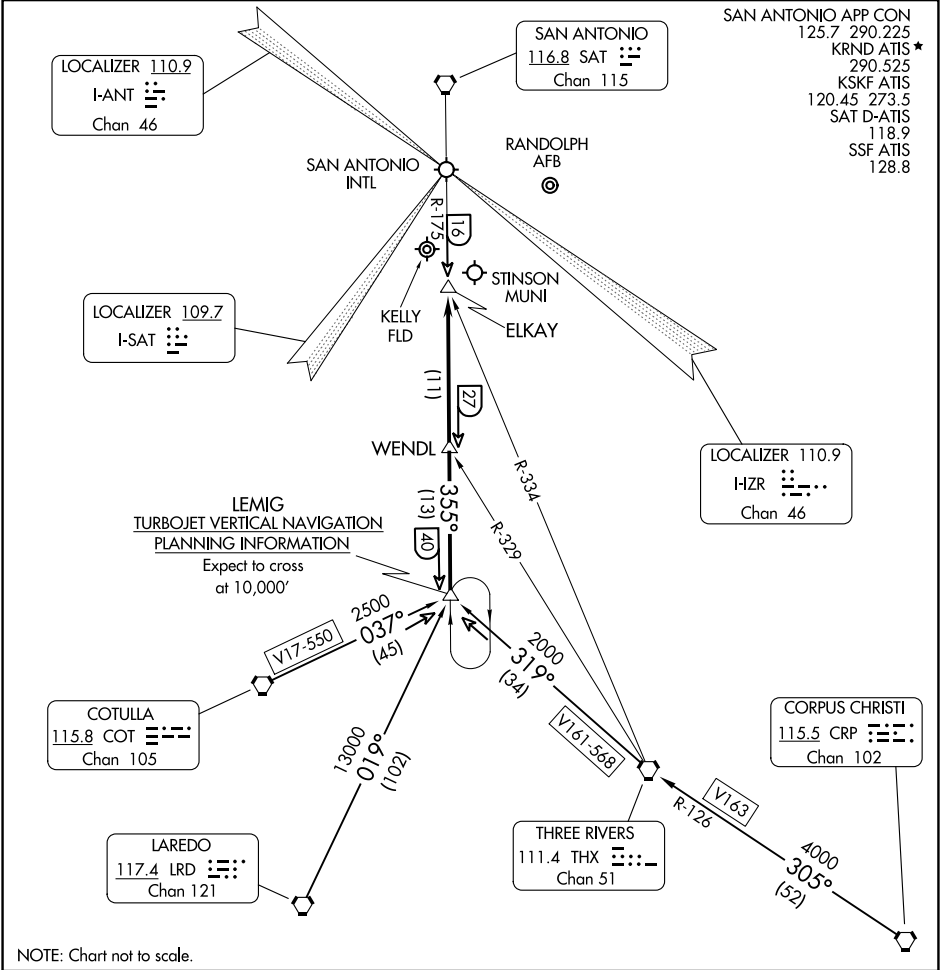
COTULLA TRANSITION (COT.LEMIG2): From over COT VORTAC on COT R-037 to LEMIG. Thence . . .

LAREDO TRANSITION (LRD.LEMIG2): From over LRD VORTAC on LRD R-019 to LEMIG. Thence . . .

LANDING ALL AIRPORTS: . . . From LEMIG on SAT R-175 to cross ELKAY at or above 6000. Expect RADAR vectors to final approach course.

## LEMIG TWO ARRIVAL

SAN ANTONIO, TEXAS



NOTE: Chart not to scale.

**ARRIVAL ROUTE DESCRIPTION**

**CORPUS CHRISTI TRANSITION (CRP.LEMIG1):** From over CRP VORTAC via CRP R-305 and THX R-126 to THX VORTAC, then via THX R-319 to LEMIG INT. Thence . . .

**COTULLA TRANSITION (COT.LEMIG1):** From over COT VORTAC via COT R-037 to LEMIG INT. Thence . . .

**LAREDO TRANSITION (LRD.LEMIG1):** From over LRD VORTAC via LRD R-019 to LEMIG INT. Thence . . .

**THREE RIVERS TRANSITION (THX.LEMIG1):** From over THX VORTAC via THX R-319 to LEMIG INT. Thence . . .

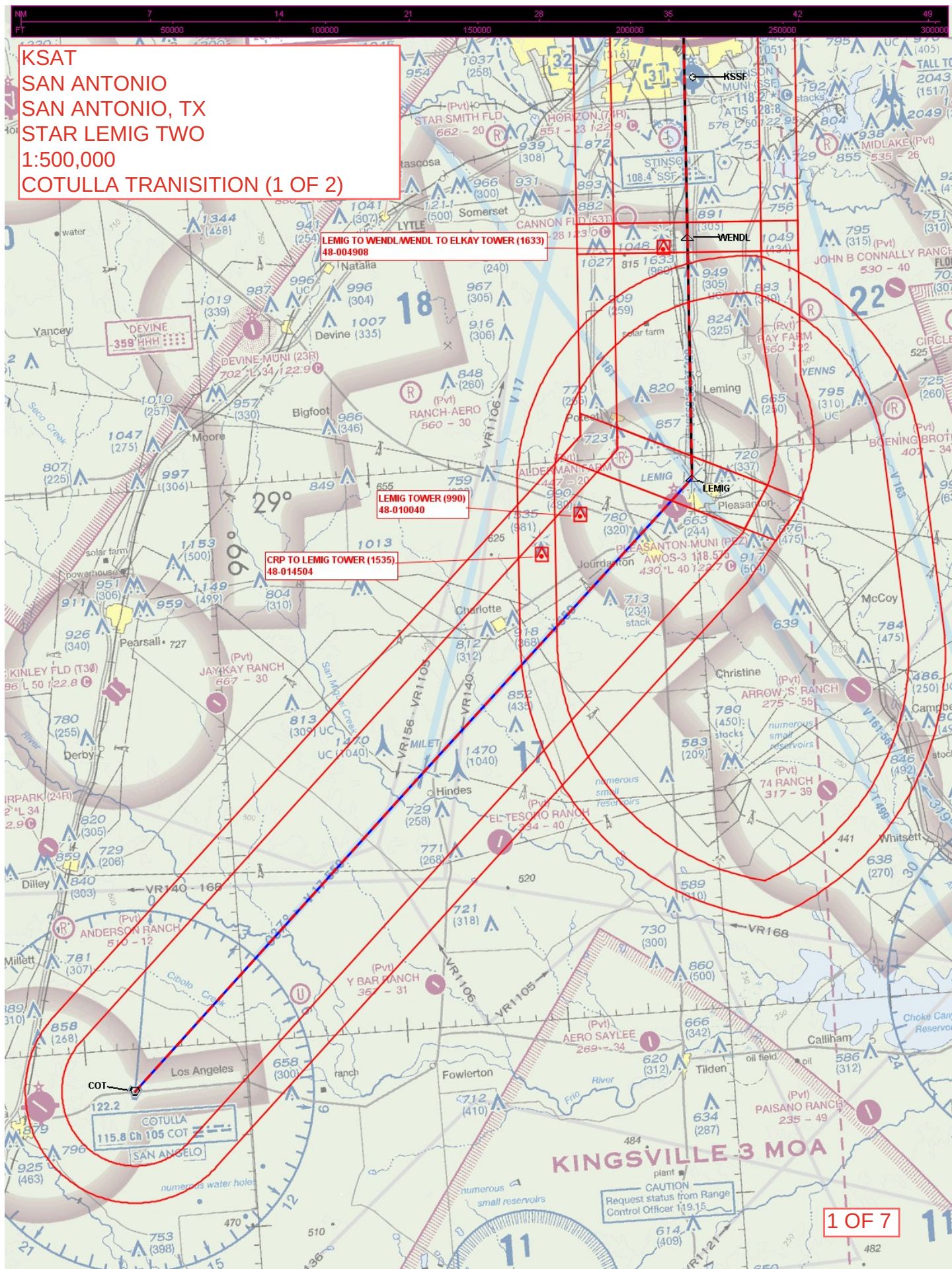
**ALL AIRPORTS:** From over LEMIG INT via SAT R-175 to ELKAY INT. Expect radar vectors to final approach course.



KSAT  
SAN ANTONIO  
SAN ANTONIO, TX  
STAR LEMIG TWO

1:500,000

COTULLA TRANSITION (1 OF 2)

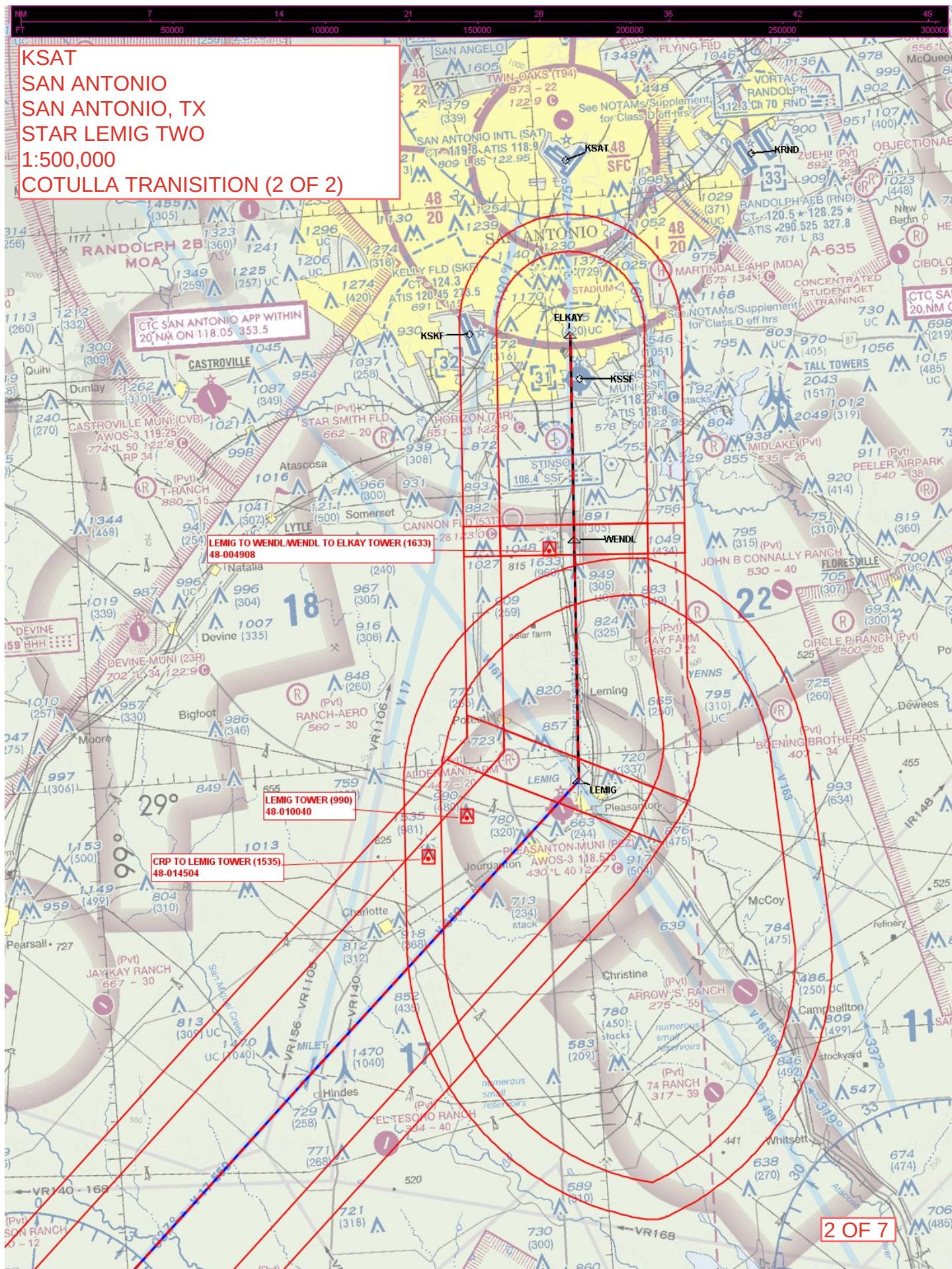




KSAT  
SAN ANTONIO  
SAN ANTONIO, TX  
STAR LEMIG TWO

1:500,000

COTULLA TRANSITION (2 OF 2)



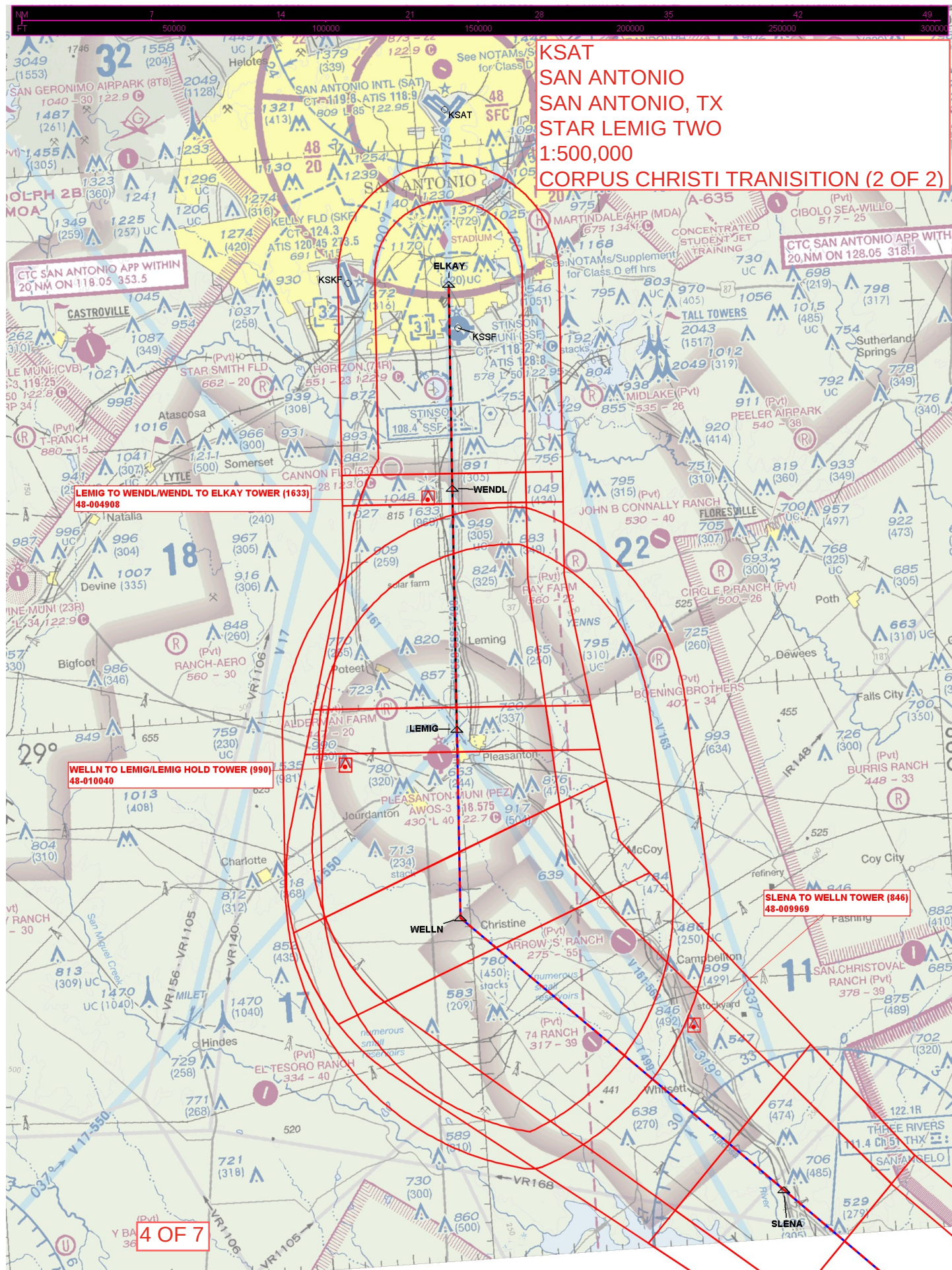


KSAT  
SAN ANTONIO  
SAN ANTONIO, TX  
STAR LEMIG TWO  
1:500,000  
CORPUS CHRISTI TRANSITION (1 OF 2)

SKIDS TO SLENA TOWER (882)  
48-007656

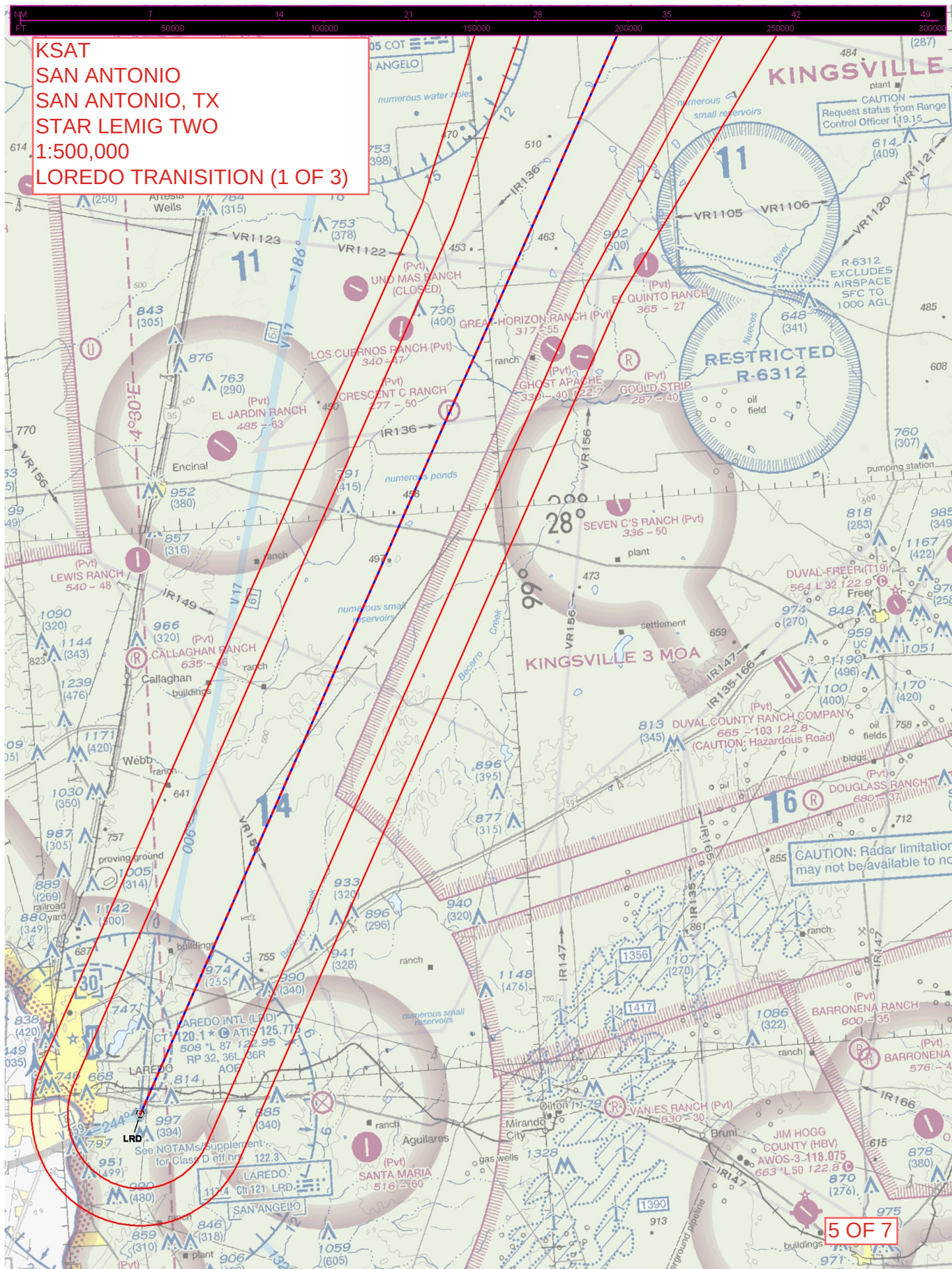
CRP: VORTAC TO SKIDS WINDMILL (683)  
48-158186



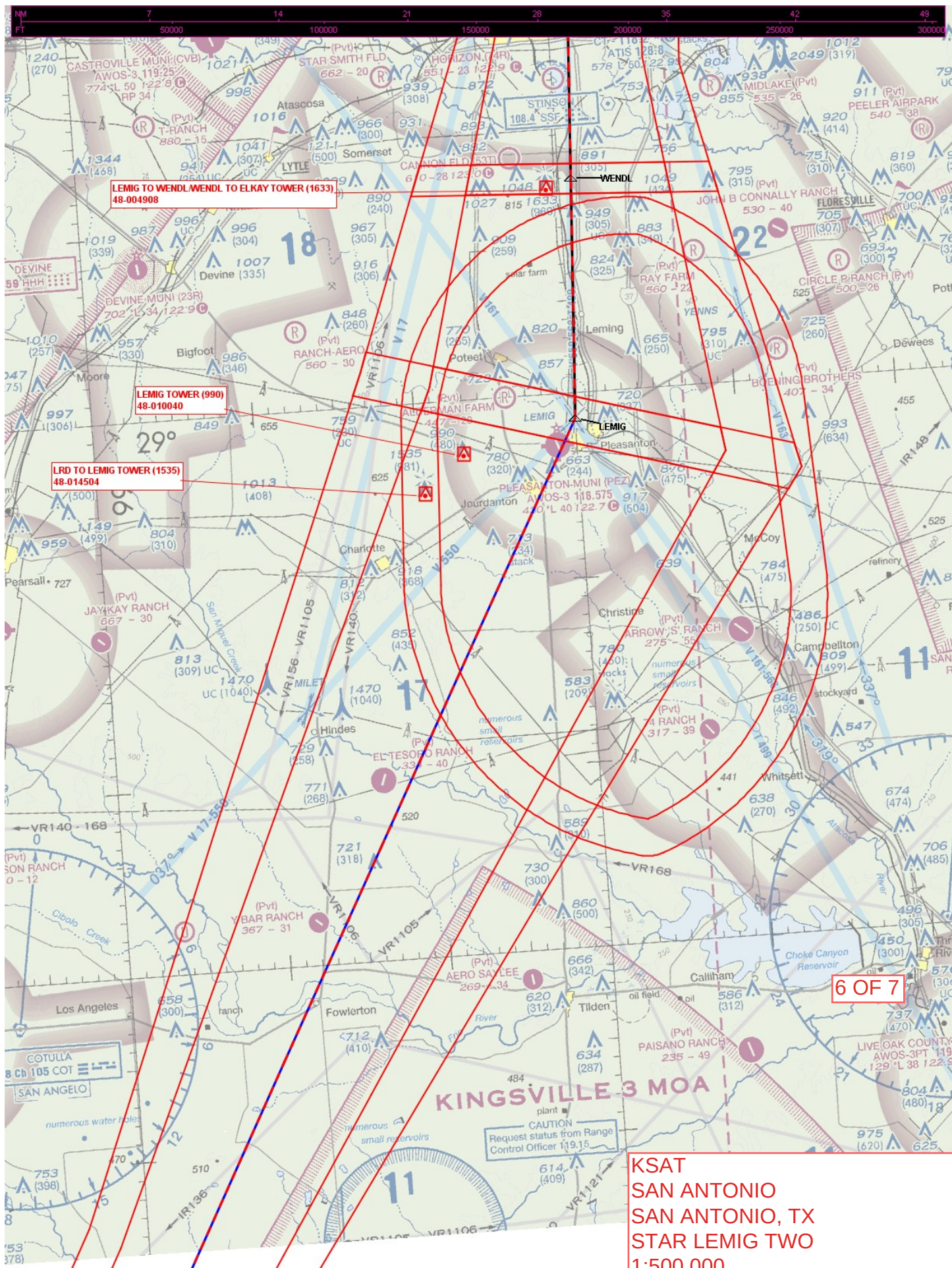




KSAT  
SAN ANTONIO  
SAN ANTONIO, TX  
STAR LEMIG TWO  
1:500,000  
LOREDO TRANSITION (1 OF 3)









KSAT  
SAN ANTONIO  
SAN ANTONIO, TX  
STAR LEMIG TWO  
1:500,000  
LOREDO TRANSITION (30F 3)

