

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------|--------|------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|--------|----------|---------|-------------|--|------------------|--|
| <b>US DEPARTMENT OF TRANSPORTATION<br/>FEDERAL AVIATION ADMINISTRATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        | <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. |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| <b>TERMINAL ROUTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          | <b>MISSED APPROACH</b> |        |          |         |             |  |                  |  |
| <b>FROM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | <b>TO</b>                                                                            |         | <b>COURSE AND DISTANCE</b>                                                                                                                                                                                                                                                                                                                                           |          |                      |        | <b>ALTITUDE</b>                          |         | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW35<br><br>CLIMB TO 4000 DIRECT JIPYO AND HOLD.<br><br><b>ADDITIONAL FLIGHT DATA:</b><br>HOLD N, RT, 174.75 INBOUND.<br>CHART FAS OBST: 1980 ANT 354214N/0984259W<br>DISTANCE TO THLD FROM 302 HAT: 0.82 NM.<br>WAAS CHANNEL # 65736<br>REFERENCE PATH ID: W35A<br>CHART CIRCLING ICON.<br>CHART WEATHERFORD AWOS-3.<br>LTP HAE: 500.9 M |          |                        |        |          |         |             |  |                  |  |
| ZARMU (IF/IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        | YIXGA (FB)                                                                           |         | 354.75 / 6.00                                                                                                                                                                                                                                                                                                                                                        |          |                      |        | 3400                                     |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| YIXGA (FAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |        | RW35 (MAP) (FO)                                                                      |         | 354.75 / 5.11                                                                                                                                                                                                                                                                                                                                                        |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| RW35 (MAP)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        | 2035 MSL JIPYO                                                                       |         | 354.75                                                                                                                                                                                                                                                                                                                                                               |          |                      |        | 4000                                     |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| 2035 MSL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        | (FO)                                                                                 |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)<br>2. HOLD S ZARMU, RT, 354.75 INBOUND, 4000 FT. IN LIEU OF PT (IAF)<br>3. FAC: 354.75 FAF: YIXGA DIST FAF TO MAP: 5.11 THLD: 5.11<br>4. MIN. ALT: ZARMU 4000, YIXGA 3400<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: 3400 GS ALT AT: YIXGA 3400 OM: <u>      </u> MM: <u>      </u> IM: <u>      </u><br>7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR<br>8. MSA FROM: <u>      </u> |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         | MAG VAR: 5E |  | EPOCH YEAR: 2015 |  |
| <b>MINIMUMS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        | ALTERNATE: N A X                         |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| <b>CATEGORY =====&gt;</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        | <b>A</b>                                                                             |         |                                                                                                                                                                                                                                                                                                                                                                      | <b>B</b> |                      |        | <b>C</b>                                 |         |                                                                                                                                                                                                                                                                                                                                                                             | <b>D</b> |                        |        | <b>E</b> |         |             |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2035   | 1                                                                                    | 302     | 2035                                                                                                                                                                                                                                                                                                                                                                 | 1        | 302                  |        | NA                                       |         |                                                                                                                                                                                                                                                                                                                                                                             | NA       |                        |        |          |         |             |  |                  |  |
| LNAV/VNAV DA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2035   | 1                                                                                    | 302     | 2035                                                                                                                                                                                                                                                                                                                                                                 | 1        | 302                  |        | NA                                       |         |                                                                                                                                                                                                                                                                                                                                                                             | NA       |                        |        |          |         |             |  |                  |  |
| LNAV MDA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2220   | 1                                                                                    | 487     | 2220                                                                                                                                                                                                                                                                                                                                                                 | 1        | 487                  |        | NA                                       |         |                                                                                                                                                                                                                                                                                                                                                                             | NA       |                        |        |          |         |             |  |                  |  |
| CIRCLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2280   | 1                                                                                    | 547     | 2460                                                                                                                                                                                                                                                                                                                                                                 | 1        | 727                  |        | NA                                       |         |                                                                                                                                                                                                                                                                                                                                                                             | NA       |                        |        |          |         |             |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| <b>NOTES:</b><br>CHART NOTE: BARO-VNAV NA.<br>CHART NOTE: USE WEATHERFORD ALTIMETER SETTING; WHEN NOT RECEIVED, USE CLINTON RGNL ALTIMETER SETTING.<br>CHART NOTE: DME/DME RNP-0.3 NA.<br>(SEE FORM 8260-10)                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          |                        |        |          |         |             |  |                  |  |
| CITY AND STATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        | ELEVATION: 1733 TDZE: 1733                                                           |         | AIRPORT NAME:                                                                                                                                                                                                                                                                                                                                                        |          | FACILITY IDENTIFIER: |        | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:   |         |                                                                                                                                                                                                                                                                                                                                                                             |          | SUP:                   |        |          |         |             |  |                  |  |
| THOMAS, OK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |                                                                                      |         | THOMAS MUNI                                                                                                                                                                                                                                                                                                                                                          |          | RNAV                 |        | RNAV (GPS) RWY 35, ORIG<br>30 APRIL 2015 |         |                                                                                                                                                                                                                                                                                                                                                                             |          | AMDT: NONE             |        |          |         |             |  |                  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                                      |         |                                                                                                                                                                                                                                                                                                                                                                      |          |                      |        |                                          |         |                                                                                                                                                                                                                                                                                                                                                                             |          | DATED                  |        |          |         |             |  |                  |  |

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.

NOTES, (CONT.):

CHART NOTE: NIGHT LANDING: RWY 17 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 265/30 CW 085/30 (NOPT) | 265/15 CW 085/15    | 4500 |
| 2. | 265/15 CW 085/15        | ZARMU (IF/IAF) (FB) | 4000 |
| 3. | 085/30 CW 265/30        | ZARMU (IF/IAF) (FO) | 4000 |

CITY AND STATE

THOMAS, OK

ELEVATION: 1733

TDZE: 1733

AIRPORT NAME:

THOMAS MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

30 APRIL 2015

SUP:

AMDT: NONE

DATED:

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER 104  
RUNWAY RW35  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A  
LTP/FTP LATITUDE 354342.5400N  
LTP/FTP LONGITUDE 0984349.8260W  
LTP/FTP ELLIPSOIDAL HEIGHT +05009  
FPAP LATITUDE 354511.7725N  
FPAP LONGITUDE 0984350.3025W  
THRESHOLD CROSSING HEIGHT (TCH) 00040.0  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 1600  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

7BD63B00

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4  
LTP ORTHOMETRIC HEIGHT +05280  
FPAP ORTHOMETRIC HEIGHT +05280



CITY AND STATE

THOMAS, OK

ELEVATION: 1733

TDZE: 1733

AIRPORT NAME:

THOMAS MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

30 APRIL 2015

SUP:

AMDT: NONE

DATED:

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.

[illegible][illegible]

| SEGMENT          | 1      | 2                  | 3     | 4     | 5          | 6     | 7        | 8 | 9     | 0     | 1 | 2 | 3  |
|------------------|--------|--------------------|-------|-------|------------|-------|----------|---|-------|-------|---|---|----|
| SUSAP 104 K4FR35 | AZARMU | 010ZARMUK4EA0EE    | AR    | HF    |            |       | 35480040 | + | 04000 | 18000 |   | A | JS |
| SUSAP 104 K4FR35 | R      | 010ZARMUK4EA0E     | I     | IF    |            |       |          | + | 04000 | 18000 |   | A | JS |
| SUSAP 104 K4FR35 | R      | 020YIXGAK4EA1E     | F     | 051TF |            |       | 35480060 | + | 03400 |       |   | A | JS |
| SUSAP 104 K4FR35 | R      | 020YIXGAK4EA2WALPV |       |       | ALNAV/VNAV | ALNAV |          |   |       |       |   |   | JS |
| SUSAP 104 K4FR35 | R      | 030RW35 K4PG0GY M  | 031TF |       |            |       | 35480051 |   | 01772 | -300  |   | A | JS |
| SUSAP 104 K4FR35 | R      | 040                | 0     | M     | CA         |       | 3548     | + | 02035 |       |   | A | JS |
| SUSAP 104 K4FR35 | R      | 050JIPYOK4EA0EY    |       | DF    |            |       |          | + | 04000 |       |   | A | JS |
| SUSAP 104 K4FR35 | R      | 060JIPYOK4EA0EE    | R     | HM    |            |       | 17480040 | + | 04000 |       |   | A | JS |

[illegible][illegible]

|                                     |                                                        |                               |                                         |                                            |                   |
|-------------------------------------|--------------------------------------------------------|-------------------------------|-----------------------------------------|--------------------------------------------|-------------------|
| CITY AND STATE<br><b>THOMAS, OK</b> | ELEVATION: 1733<br>AIRPORT NAME:<br><b>THOMAS MUNI</b> | TDZE: 1732<br><br><b>RNAV</b> | FACILITY IDENTIFIER:<br><br><b>RNAV</b> | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP:              |
|                                     |                                                        |                               |                                         | <b>RNAV (GPS) RWY 35, ORIG</b>             | AMDT: <b>NONE</b> |
|                                     |                                                        |                               |                                         | <b>30 APRIL 2015</b>                       | DATED:            |

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

| ROUTES | TRANSITION | FIX   | SEQ | USE  | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|-------|
|        | ZARMU      | ZARMU | 010 | IAF  | HF   | R    | FO    |     | 354.8 (359.8T) | 004.0    | AA 04000 |       |
|        |            | ZARMU | 010 | FACF | IF   |      | FB    |     |                |          | AA 04000 |       |
|        |            | YIXGA | 020 | FAF  | TF   |      | FB    | 0.5 | 354.8 (359.8T) | 006.0    | AA 03400 |       |
|        |            | RW35  | 030 | MAP  | TF   |      | FO    | 0.3 | 354.8 (359.8T) | 005.1    | AT 01772 |       |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 354.8 (359.8T) |          | AA 02035 |       |
|                 | JIPYO | 050 |     | DF   |      | FO    |     |                |          | AA 04000 |       |
|                 | JIPYO | 060 |     | HM   | R    | FO    |     | 174.8 (179.8T) | 004.0    | AA 04000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | JIPYO    | N355525.60  | W0984353.60  | N3555.427   | W09843.893   |
|            | YIXGA    | N353835.45  | W0984348.19  | N3538.591   | W09843.803   |
|            | ZARMU    | N353234.90  | W0984346.26  | N3532.582   | W09843.771   |
|            | RW35     | N354342.54  | W0984349.83  | N3543.709   | W09843.831   |

| RUNWAY DATA | RWY  | THRESHOLD<br>ELEVATION | TCH |
|-------------|------|------------------------|-----|
|             | RW35 | 01732                  | 40  |

CITY AND STATE  
THOMAS, OK

ELEVATION: 1733  
AIRPORT NAME: THOMAS MUNI  
TDZE: 1732

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
RNAV (GPS) RWY 35, ORIG  
30 APRIL 2015

SUP:  
AMDT: NONE  
DATED: