| Flight Procedure Tracking Form | Action: FLIGHT CHECK | Task Type: IAP | Date Open: 11/16/2010 | Task #: 201011162239100l001 | Request #: 20101116223910 |
|---|---|---|---|---|---|
| Procedure: ILS OR LOC RWY 4 AMDT 23 | | Airport ID: KMLU | Airport: MONROE RGNL | | Reimbursable #: |
| City: MONROE | ST: LA | GPS #: | | Estimated Chart Date: 11/15/2012 | FICO #: |
| Fac ID: MLU | Fac. Type: ILS Proc-A | Specialist: ROBERT ABBOTT | | | P3 |

## Procedure Review

| | Rec'd | Rel'd | Full Name | Comments |
|---|---|---|---|---|
| Lead: | 09/19/2011 | 07/12/2012 | JILL OLSON | |
| QA: | 07/12/2012 | 07/13/2012 | STEVEN SZUKALA | |
| Liaison: | 07/13/2012 | | K. Spurlin | P3; ILS; |

**Procedure Comments:**

**Remark Type:** INFORMATION

PCG 1 of 12

MONROE, LA; MONROE RGNL (KLMU); ILS OR LOC RWY 4, AMDT 23; ENROUTE-NO; FC BY 10/2/12; PUB 11/15/12

ATTACHED FORMS: 8260-3; 8260-9; 8260-2(S): CFBJX, ORIG; MONROE VTAC, REV 8; SABAR LOM, REV 8; UXGOY, ORIG

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014/405.954.9307.

# ILS or LOC RWY 4
MONROE RGNL (MLU)

| LOC I-MLU | APP CRS | Rwy Idg | 7505 |
|---|---|---|---|
| 109.5 | 042° | THRE | 76 |
| | | Apt Elev | 79 |

T A ASR — ** RVR 1800 authorized with the use of FD or AP or HUD to DA. #DME from MLU VORTAC

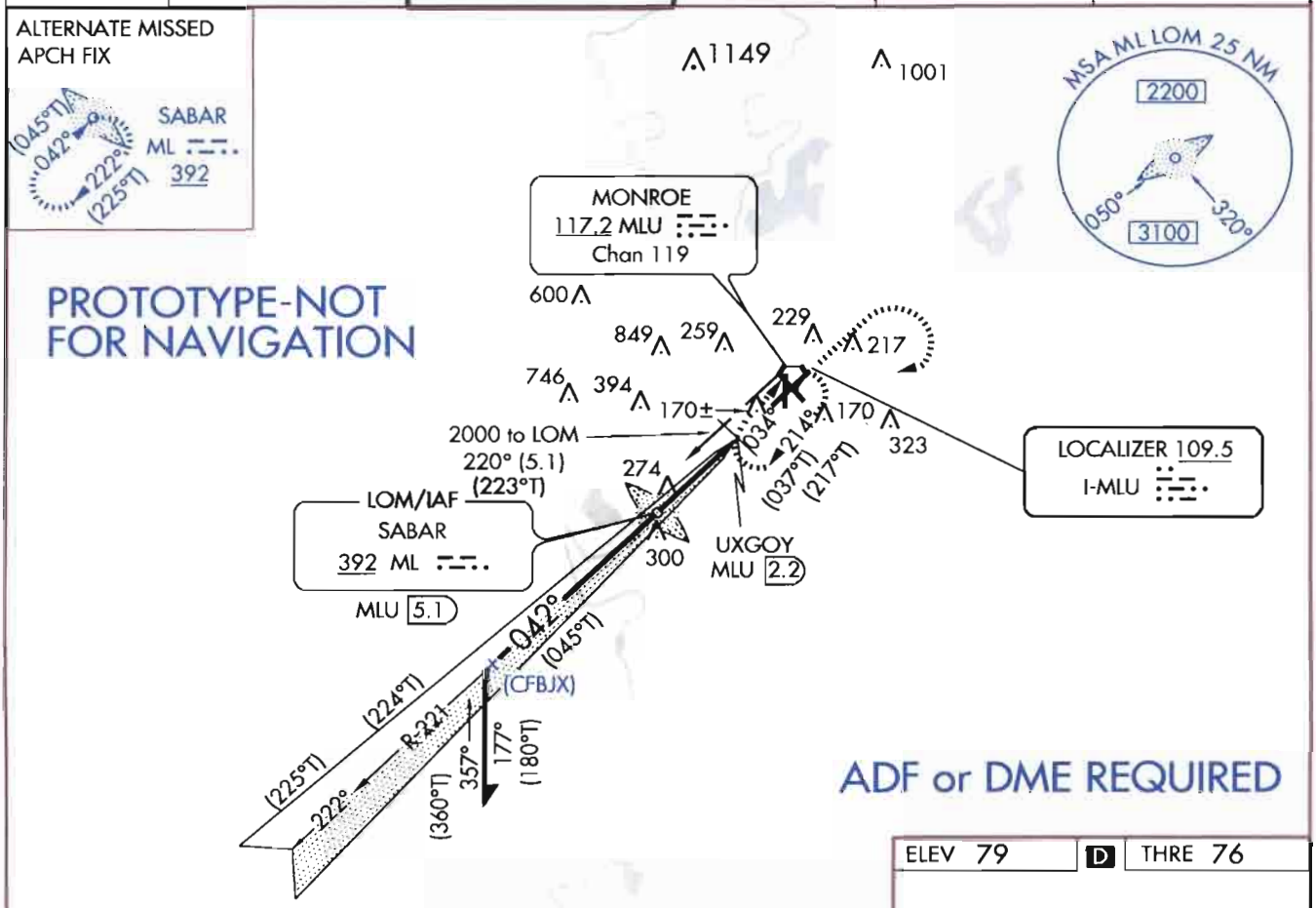
MALSR

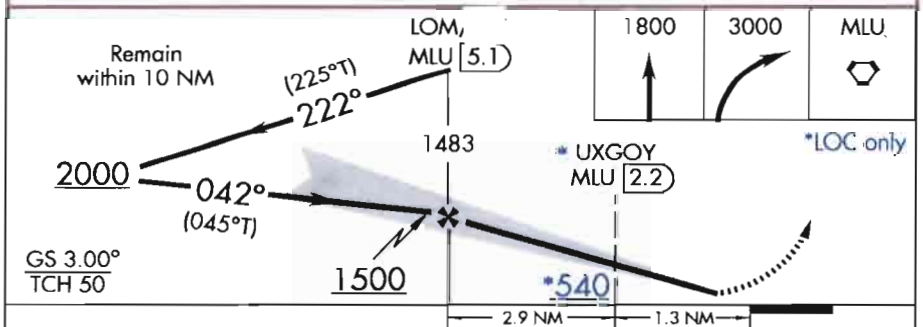
MISSED APPROACH: Climb to 1800 then climbing right turn to 3000 direct MLU VORTAC and hold.

| ATIS | MONROE APP CON ★ | MONROE TOWER ★ | GND CON | CLNC DEL | UNICOM |
|---|---|---|---|---|---|
| 125.05 | 126.9 307.9 | 118.9 (CTAF) L 257.8 | 121.9 | 121.65 | 122.95 |

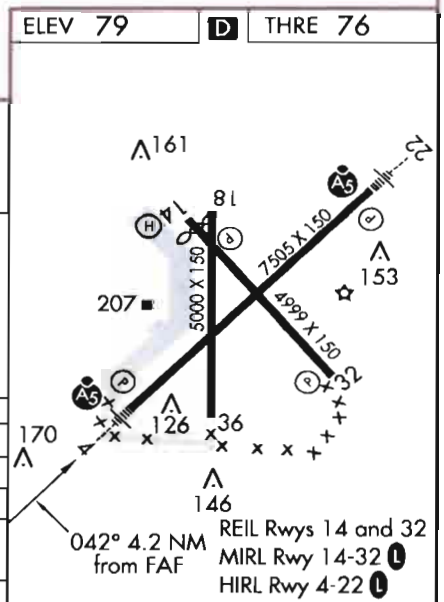
ALTERNATE MISSED APCH FIX



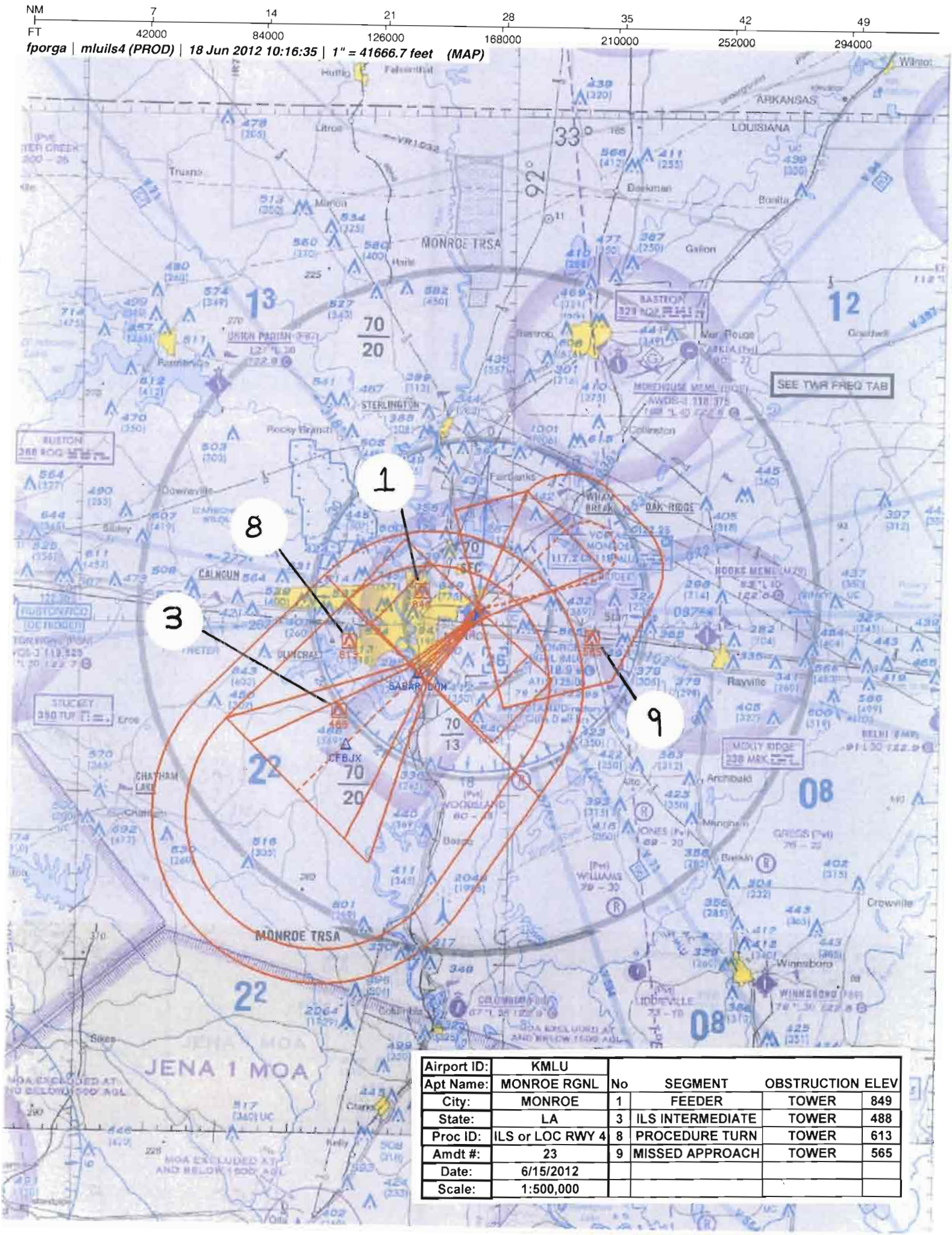




| CATEGORY | A | B | C | D |
|---|---|---|---|---|
| S-ILS 4 ** | 276/24 200 (200-½) | | | |
| S-LOC 4 | 540/24 464 (500-½) | | 540/50 464 (500-1) | |
| CIRCLING | 580-1 501 (600-1) | | 620-1½ 541 (600-1½) | 640-2 561 (600-2) |
| UXGOY FIX MINIMUMS # | | | | |
| S-LOC 4 | 420/24 344 (400-½) | | 420/30 344 (400-⅝) | |
| CIRCLING | 580-1 501 (600-1) | | 620-1½ 541 (600-1½) | 640-2 561 (600-2) |

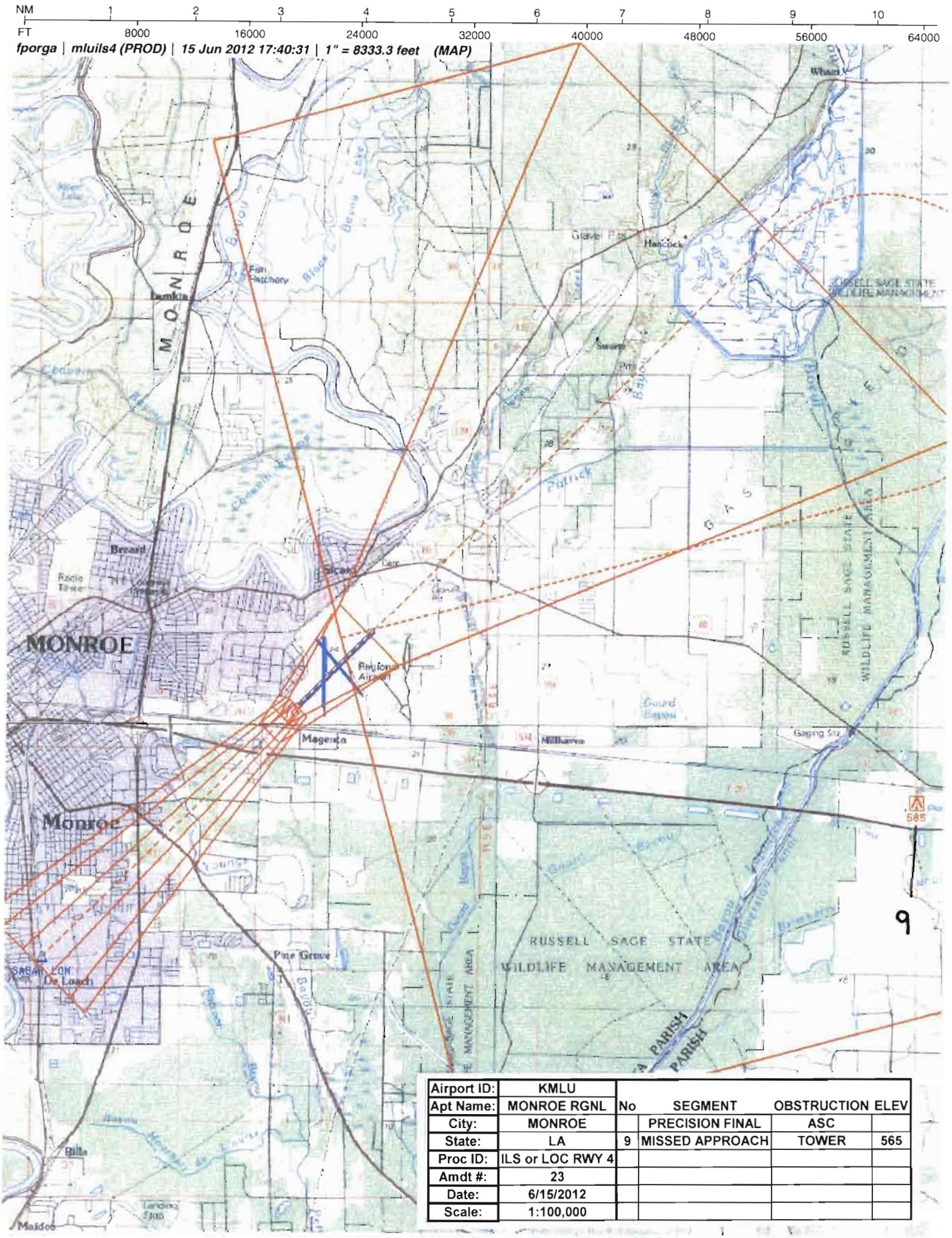



FAF to MAP 4.2 NM

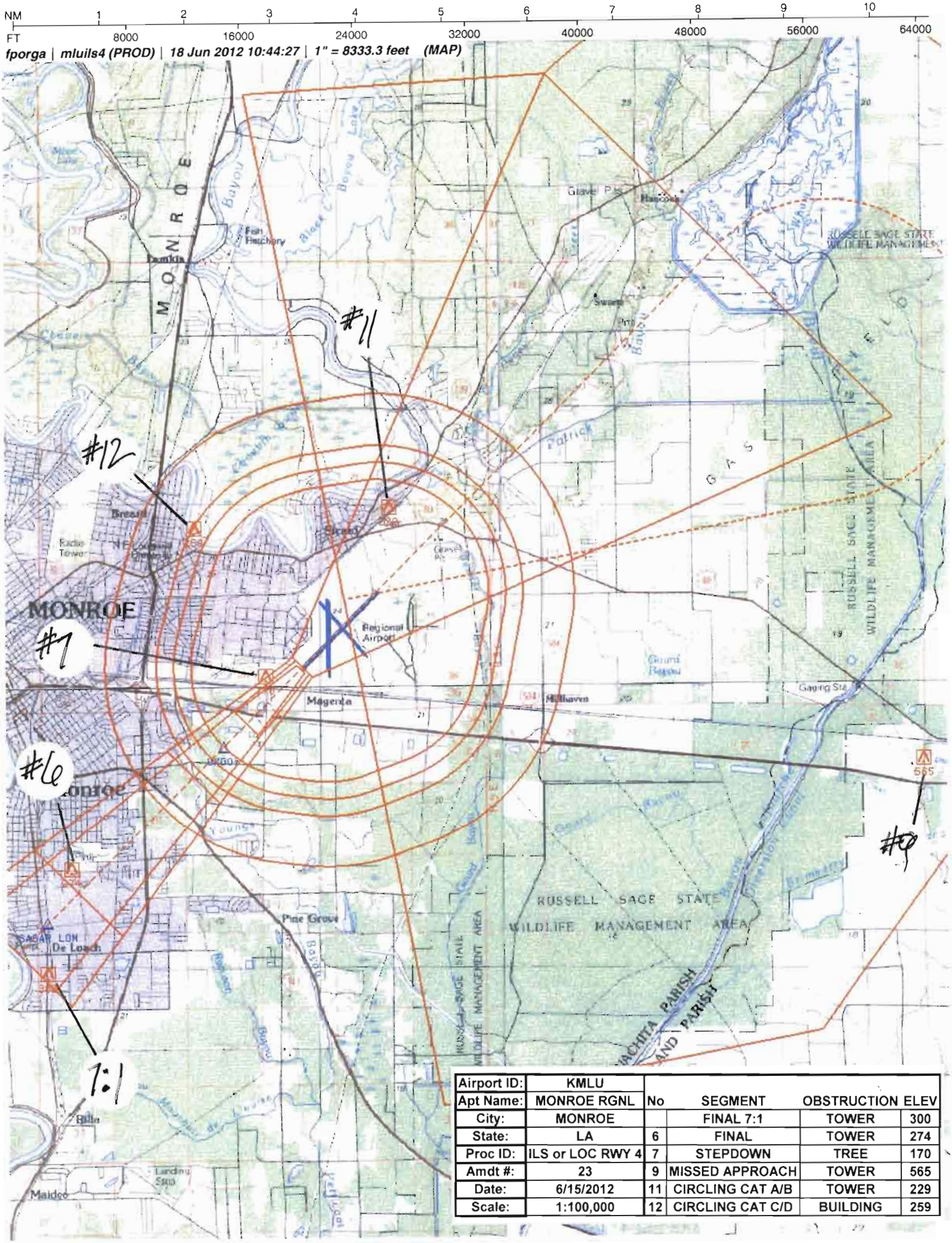
| Knots | 60 | 90 | 120 | 150 | 180 |
|---|---|---|---|---|---|
| Min:Sec | 4:12 | 2:48 | 2:06 | 1:41 | 1:24 |



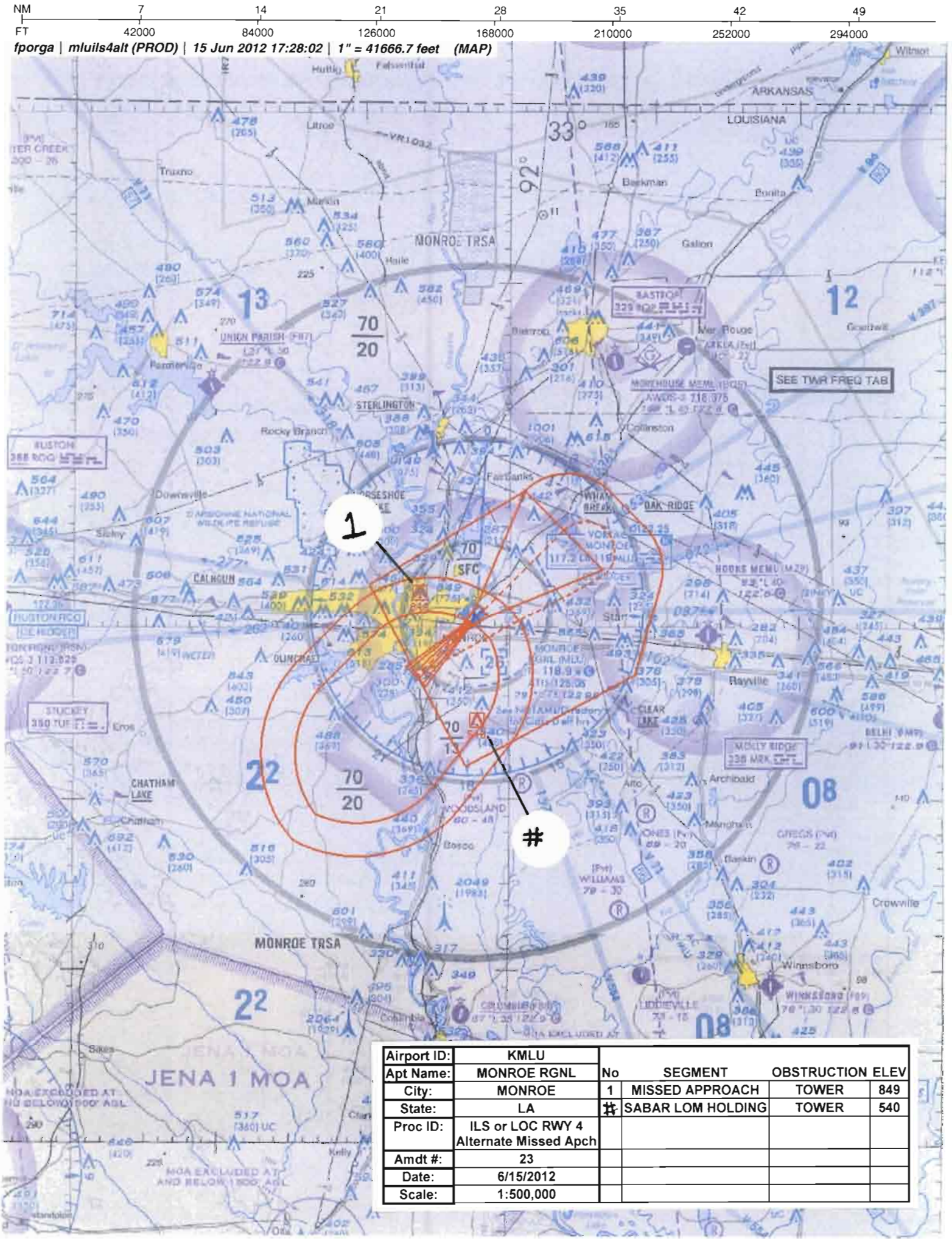

| Airport ID: | KMLU | | | | |
|---|---|---|---|---|---|
| Apt Name: | MONROE RGNL | No | SEGMENT | OBSTRUCTION | ELEV |
| City: | MONROE | 1 | FEEDER | TOWER | 849 |
| State: | LA | 3 | ILS INTERMEDIATE | TOWER | 488 |
| Proc ID: | ILS or LOC RWY 4 | 8 | PROCEDURE TURN | TOWER | 613 |
| Amdt #: | 23 | 9 | MISSED APPROACH | TOWER | 565 |
| Date: | 6/15/2012 | | | | |
| Scale: | 1:500,000 | | | | |




| Airport ID: | KMLU | | | | |
|---|---|---|---|---|---|
| Apt Name: | MONROE RGNL | No | SEGMENT | OBSTRUCTION | ELEV |
| City: | MONROE | | PRECISION FINAL | ASC | |
| State: | LA | 9 | MISSED APPROACH | TOWER | 565 |
| Proc ID: | ILS or LOC RWY 4 | | | | |
| Amdt #: | 23 | | | | |
| Date: | 6/15/2012 | | | | |
| Scale: | 1:100,000 | | | | |




| Airport ID: | KMLU | | | | |
|---|---|---|---|---|---|
| Apt Name: | MONROE RGNL | No | SEGMENT | OBSTRUCTION | ELEV |
| City: | MONROE | | FINAL 7:1 | TOWER | 300 |
| State: | LA | 6 | FINAL | TOWER | 274 |
| Proc ID: | ILS or LOC RWY 4 | 7 | STEPDOWN | TREE | 170 |
| Amdt #: | 23 | 9 | MISSED APPROACH | TOWER | 565 |
| Date: | 6/15/2012 | 11 | CIRCLING CAT A/B | TOWER | 229 |
| Scale: | 1:100,000 | 12 | CIRCLING CAT C/D | BUILDING | 259 |




| Airport ID: | KMLU |
|---|---|
| Apt Name: | MONROE RGNL |
| City: | MONROE |
| State: | LA |
| Proc ID: | ILS or LOC RWY 4<br>Alternate Missed Apch |
| Amdt #: | 23 |
| Date: | 6/15/2012 |
| Scale: | 1:500,000 |

| No | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|
| 1 | MISSED APPROACH | TOWER | 849 |
| # | SABAR LOM HOLDING | TOWER | 540 |

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# ILS - STANDARD
# INSTRUMENT APPROACH PROCEDURE
# TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

## TERMINAL ROUTES

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|---|---|---|---|
| MLU VORTAC | SABAR LOM | 219.71 / 5.11 | 2000 |

## MISSED APPROACH

ILS: DA
LOC: 4.21 MILES AFTER SABAR LOM

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT MLU VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SABAR LOM AND HOLD. (ADF REQUIRED)

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 033.61 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW SABAR LOM, RT, 042.04 INBOUND.
CHART FAS OBST: 170 TREE 323003N/0920315W
CHART 274 TOWER 322748N/0920556W.
CHART: 300 TOWER 322634N/0920616W
CHART: ASR.
#DME FROM MLU VORTAC.
CHART (CFBJX) AT 322259.91N/0921116.47W

1. PT L SIDE OF COURSE 222.04 OUTBOUND 2000 FT WITHIN 10 MILES OF SABAR LOM (IAF)
2.
3. FAC: 042.04 FAF: SABAR LOM/MLU 5.11 DME DIST FAF TO MAP: 4.21 THLD: 4.21
4. MIN. ALT: SABAR LOM 1500, UXGOY/MLU 2.21 DME 540*
5. DIST TO THLD FROM OM: 4.21 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 943
6. MIN GS INCPT: 1500 GS ALT AT: - OM: 1483 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.3
8. MSA FROM: ML LOM 140-230 3100, 230-140 2200

MAG VAR: 3E EPOCH YEAR: 1995

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # | LOC: STANDARD @

| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| S-ILS 4** | 276 | 2400 | 200 | 276 | 2400 | 200 | 276 | 2400 | 200 | 276 | 2400 | 200 | | | |
| S-LOC 4 | 540 | 2400 | 464 | 540 | 2400 | 464 | 540 | 5000 | 464 | 540 | 5000 | 464 | | | |
| CIRCLING | 580 | 1 | 501 | 580 | 1 | 501 | 620 | 1 1/2 | 541 | 640 | 2 | 561 | | | |
| UXGOY FIX MINIMUMS# | | | | | | | | | | | | | | | |
| S-LOC 4 | 420 | 2400 | 344 | 420 | 2400 | 344 | 420 | 3000 | 344 | 420 | 3000 | 344 | | | |
| CIRCLING | 580 | 1 | 501 | 580 | 1 | 501 | 620 | 1 1/2 | 541 | 640 | 2 | 561 | | | |
| | | | | | | | | | | | | | | | |

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
*LOC ONLY

#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 79 THRE: 76 AIRPORT NAME: | FACILITY IDENTIFIER: | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| MONROE, LA | MONROE RGNL | I-MLU | ILS OR LOC RWY 4, AMDT 23 | AMDT: 22A |
| | | | | DATED 04/10/2008 |

| ALL AFFECTED PROCEDURES REVIEWED? | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| [X] YES [ ] NO | | **ROUTINE** |

COORDINATED WITH:

| ATA | AAT | ALPA | APA | AOPA | NBAA | OTHER (specify) |
|---|---|---|---|---|---|---|
| [X] | [ ] | [X] | [X] | [X] | [X] | [X] **ZFW, KMLU ATCT, AIRPORT MANAGER** |

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| | | |

| DEVELOPED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **ROBERT G. ABBOTT** | **AJV-353** | **01/05/2012** |

| APPROVED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **LARRY H STROUT MANAGER** | **AJV-353** | |

CHANGES:

**1. FEEDER COURSE CHANGED FROM 219.64 TO 219.71**
**2. PROCEDURE TURN AND FINAL COURSES CHANGED FROM .03 TO .04 DEGREES**
**3. CONTROLLING OBSTACLE UPDATES**
**4. MSA 3100FT SECTOR BOUNDARY**
**5. REDUCE DECISION ALTITUDE (DA) FROM 278 TO 276**
**6. INCREASE S-LOC MDA FROM 480 TO 540**
**7. ADD S-LOC/DME STEPDOWN AND LOWERED MDA TO 420**
**8. CHANGE MISSED APPROACH INITIAL CLIMB ALTITUDE FROM 2000 TO 1800**

REASONS:

**1, 2 & 3. 11/01/2006 THIRD PARTY SURVEY FACILITY COORDINATES AND AIRPORT/STATE OBSTACLE UPDATES**
**4. REDUCE FROM 110 TO 90 DEGREE SECTOR**
**5. DA IS ABOVE THRESHOLD (THRE) VERSUS TOUCHDOWN ZONE ELEVATION**
**6. 200FT AAO EVALUATION ADDED**
**7. 120FT MDA REDUCTION**
**8. OPTIMUM TURN TIEBACK TO MISSED APPROACH AND ALTERNATE MISSED APPROACH HOLDING FIXES**

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ARINC PACKET - 424-18 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD       MLU   K4011720VTLA N32310078W092020963    N32310078W092020963E0030000761     NARMONROE

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CFBJX K40    W     N32225991W092111647                      E0009     NAR           CNF(CFBJX)
          SUSAEAENRT   SABAR K40    R     N32271491W092061565                      E0009     NAR           SABAR LOM

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMLUK4AMLU     0     075YHN32303910W092021560E003000079         1800018000C    MNAR    MONROE RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMLUK4FI04   AMLU   010MLU  K4D 0V       IF                                          18000                0 NS
          SUSAP KMLUK4FI04   AMLU   020SABARK4EA0E       TF                                + 02000                    0 NS
          SUSAP KMLUK4FI04   AMLU   030SABARK4EA0EE AR    PI MLU K4      21970051177001000D + 02000                    0 NS
          SUSAP KMLUK4FI04   I      010CFBJXK4EA0E  I     IF IMLUK4      22210116        PI J 020000150018000          0 NS
          SUSAP KMLUK4FI04   I      020SABARK4EA0E  F     CF IMLUK4      2220005604200060PI H 0150001483       -300ML  K4PN0 NS
          SUSAP KMLUK4FI04   I      030RW04 K4PG0GY M     CF IMLUK4      2220001404200042PI   00126            -300         0 NS
          SUSAP KMLUK4FI04   I      040         0  M      CA                    0420        + 01800                    0 NS
          SUSAP KMLUK4FI04   I      050MLU  K4D 0VY  R    DF                                + 03000                    0 NS
          SUSAP KMLUK4FI04   I      060MLU  K4D 0VE  R    HM                    0336T010    + 03000                    0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMLUK4GRW04     0075050420 N32301387W092024435+0000     -000290007600005015OIIMLU1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMLUK4IIMLU1   010950RW04 N32311390W092013342042ON32301767W0920233261080 09430465300E00305000075

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMLUK4SML   K4PN              0   0503200222532005003125                                                      M
```

| CITY AND STATE | ELEVATION: 79 THRE: 76 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **MONROE, LA** | AIRPORT NAME: **MONROE RGNL** | **I-MLU** | **ILS OR LOC RWY 4, AMDT 23** | AMDT: **22A** |
| | | | | DATED: **04/10/2008** |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKMLUK4 ML    K4003920HOLW N32271482W092061554                    E0030          NARSABAR
```

QUALITY CHECK 1

| CITY AND STATE | ELEVATION: 79 THRE: 76 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **MONROE, LA** | AIRPORT NAME: **MONROE RGNL** | **I-MLU** | **ILS OR LOC RWY 4, AMDT 23** | AMDT: **22A** |
| | | | | DATED: **04/10/2008** |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

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 - ILS

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MLU | MLU | 010 | | IF | | FB | | | | | |
| | MLU | SABAR | 020 | | TF | | FB | | | | AA 02000 | |
| | MLU | SABAR | 030 | IAF | PI | R | FB | | 177.0() | 010.0 | AA 02000 | |
| | | CFBJX | 010 | FACF | IF | | FB | | | | AA 02000 GI 01500 | |
| | | SABAR | 020 | FAF | CF | | FB | | 042.0() | 006.0 | GI 01500 GS 01483 | |
| | | RW04 | 030 | MAP | CF | | FO | | 042.0() | 004.2 | AT 00126 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 042.0() | | AA 01800 | |
| | MLU | 050 | | DF | R | FO | | | | AA 03000 | |
| | MLU | 060 | | HM | R | FO | | 033.6() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | MLU | N323100.78 | W0920209.63 | N3231.013 | W09202.161 |
| | CFBJX | N322259.91 | W0921116.47 | N3222.999 | W09211.275 |
| | SABAR | N322714.91 | W0920615.65 | N3227.249 | W09206.261 |
| | RW04 | N323013.87 | W0920244.35 | N3230.231 | W09202.739 |
| | IMLU (LOC) | N323113.90 | W0920133.42 | N3231.232 | W09201.557 |
| | ML | N322714.82 | W0920615.54 | N3227.247 | W09206.259 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW04 | 00076 | 50 |

QUALITY CHECKED

| CITY AND STATE | ELEVATION: **79** **THRE: 76** | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **MONROE, LA** | AIRPORT NAME: **MONROE RGNL** | **I-MLU** | **ILS OR LOC RWY 4, AMDT 23** | AMDT: **22A** |
| | | | | DATED: **04/10/2008** |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**LOC STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        MLU   K4011720VTLA N32310078W092020963    N32310078W092020963E0030000761     NARMONROE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFBJX K40    W     N32225991W092111647                        E0009     NAR           CNF(CFBJX)
        SUSAEAENRT   SABAR K40    R     N32271491W092061565                        E0009     NAR           SABAR LOM
        SUSAEAENRT   UXGOY K40    C     N32291864W092034960                        E0008     NAR           UXGOY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLUK4AMLU     0     075YHN32303910W092021560E003000079         1800018000C    MNAR    MONROE RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLUK4FL04   AMLU   010MLU  K4D 0V       IF                                                18000                 0 NS
        SUSAP KMLUK4FL04   AMLU   020SABARK4EA0E       TF                                          + 02000                         0 NS
        SUSAP KMLUK4FL04   AMLU   030SABARK4EA0EE AR   PI MLU K4      2197005117700100D   + 02000                         0 NS
        SUSAP KMLUK4FL04   L      010CFBJXK4EA0E  I    IF IMLUK4      22210116        PI  + 02000     18000                 0 NS
        SUSAP KMLUK4FL04   L      020SABARK4EA0E  F    CF IMLUK4      2220005604200060PI  + 01500                 ML    K4PN0 NS
        SUSAP KMLUK4FL04   L      021UXGOYK4EA0E S     CF IMLUK4      2220002704200029PI  + 00540             -308          0 NS
        SUSAP KMLUK4FL04   L      030RW04 K4PG0GY M    CF IMLUK4      2220001404200013PI    00126             -308          0 NS
        SUSAP KMLUK4FL04   L      040         0  M     CA                      0420        + 01800                         0 NS
        SUSAP KMLUK4FL04   L      050MLU  K4D 0VY  R   DF                                  + 03000                         0 NS
        SUSAP KMLUK4FL04   L      060MLU  K4D 0VE  R   HM                      0336T010    + 03000                         0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLUK4GRW04    0075050420 N32301387W092024435+0000    -0002900076000050150IIMLU1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLUK4IIMLU1   010950RW04 N32311390W0920133420420N32301767W0920233261080 09430465300E00305000075

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 79 THRE: 76 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **MONROE, LA** | AIRPORT NAME: **MONROE RGNL** | **I-MLU** | **ILS OR LOC RWY 4, AMDT 23** | AMDT: **22A** |
| | | | | DATED: **04/10/2008** |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

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.

```
        SUSAP KMLUK4SML   K4PN              0   0503200222532005003125                                                    M
                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKMLUK4 ML    K4003920HOLW N32271482W092061554                      E0030          NARSABAR
```

QUALITY CHECKED

| CITY AND STATE | ELEVATION: 79 THRE: 76 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| MONROE, LA | AIRPORT NAME: MONROE RGNL | I-MLU | ILS OR LOC RWY 4, AMDT 23 | AMDT: 22A |
| | | | | DATED: 04/10/2008 |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

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

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MLU | MLU | 010 | | IF | | FB | | | | | |
| | MLU | SABAR | 020 | | TF | | FB | | | | AA 02000 | |
| | MLU | SABAR | 030 | IAF | PI | R | FB | | 177.0() | 010.0 | AA 02000 | |
| | | CFBJX | 010 | FACF | IF | | FB | | | | AA 02000 | |
| | | SABAR | 020 | FAF | CF | | FB | | 042.0() | 006.0 | AA 01500 | |
| | | UXGOY | 021 | SDF | CF | | FB | | 042.0() | 002.9 | AA 00540 | |
| | | RW04 | 030 | MAP | CF | | FO | | 042.0() | 001.3 | AT 00126 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 040 | | CA | | FB | | 042.0() | | AA 01800 | |
| | MLU | 050 | | DF | R | FO | | | | AA 03000 | |
| | MLU | 060 | | HM | R | FO | | 033.6() | T01.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|---|
| | MLU | N323100.78 | W0920209.63 | N3231.013 | W09202.161 |
| | CFBJX | N322259.91 | W0921116.47 | N3222.999 | W09211.275 |
| | SABAR | N322714.91 | W0920615.65 | N3227.249 | W09206.261 |
| | UXGOY | N322918.64 | W0920349.60 | N3229.311 | W09203.827 |
| | RW04 | N323013.87 | W0920244.35 | N3230.231 | W09202.739 |
| | IMLU (LOC) | N323113.90 | W0920133.42 | N3231.232 | W09201.557 |
| | ML | N322714.82 | W0920615.54 | N3227.247 | W09206.259 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|---|
| | RW04 | 00076 | 50 |

QUALITY ASSURED

| CITY AND STATE | ELEVATION: 79 THRE: 76 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
|---|---|---|---|---|
| **MONROE, LA** | AIRPORT NAME: **MONROE RGNL** | **I-MLU** | **ILS OR LOC RWY 4, AMDT 23** | AMDT: **22A** |
| | | | | DATED: **04/10/2008** |

| ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO | COORDINATES OF FACILITIES | REQUIRED EFFECTIVE DATE |
|---|---|---|
| | | |

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

| FLIGHT CHECKED BY | | |
|---|---|---|
| NAME: | FIFO | DATE: |
| **DEVELOPED BY** | | |
| NAME: | NFPG | DATE: |
| **APPROVED BY** | | |
| NAME: | NFPG | DATE: |

CHANGES:

REASONS:

# STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|
| FEEDER | MLU VORTAC | SABAR LOM | 1. TOWER (22-000162) | 323139.97N/0920608.71W | 849 (2C) | 1000 | PT151 | 2000 |
| | | | 2. TERRAIN | 323009.68N/0920644.95W | 99 (100) | | AS1500 | 1600 |
| INTERMEDIATE: ILS PT | 10 NM | GS INTCP | 3. TOWER (22-002434) | 322432.00N/0921146.00W | 488 (2C) | 500 | GS512 | 1500 |
| | | | 4. TERRAIN | 322133.00N/0921335.00W | 270 (300) | | AS1000 | 1300 |
| INTERMEDIATE: LOC PT | 10 NM | SABAR LOM/MLU | 3. TOWER (22-002434) | 322432.00N/0921146.00W | 488 (2C) | 500 | DG512 | 1500 |
| | | 5.11 DME | 4. TERRAIN | 322133.00N/0921335.00W | 270 (300) | | AS1000 | 1300 |
| FINAL: ILS | GS INTCP | | 5. ANT (KMLU0035) | 323006.52N/0920249.05W | 85 (1A) | ASC | | 276/200 |
| FINAL: LOC | SABAR LOM/MLU | UXGOY/MLU 2.21 | 6. TOWER (22-003292) | 322748.10N/0920555.80W | 274 (2C) | 250 | | 540 |
| | 5.11 DME | DME | | | | | | |
| FINAL: LOC STEPDOWN | UXGOY/MLU 2.21 | 4.21 MILES AFTER | 7. TREE (KMLU0045) | 323002.94N/0920314.64W | 170 (1A) | 250 | SA-13 | 420 |
| | DME | SABAR LOM | | | | | | |
| 2. PROCEDURE TURN | SABAR LOM | 10 NM | 8. TOWER (22-001950) | 322839.00N/0921108.00W | 613 (5D) | 1000 | AT387 | 2000 |
| | | | 4. TERRAIN | 322133.00N/0921335.00W | 270 (300) | | AS1500 | 1800 |
| 3. MISSED APPROACH MAP: | DA / 4.21 MILES | MLU VORTAC | | | | ASC | | 3000 |
| | AFTER SABAR LOM | | 9. TOWER (22-002858) | 322902.00N/0915410.00W | 565 (5D) | 1000 | | 1600 |
| ELEV: | 110/170 | | 10. TERRAIN | 323718.00N/0915542.00W | 138 (100) | | AS1500 | 1600 |

| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. REQUIRED | ACTUAL | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | 1.3 NM | 350 | 501 / 501 | 11. TOWER (22-003199) | 323200.00N/0920132.00W | 229 (1A) | 300 | XP51 / XP51 | 580 / 580 |
| CATEGORY B | 1.5 NM | 450 | 501 / 501 | 11. TOWER (22-003199) | 323200.00N/0920132.00W | 229 (1A) | 300 | XP51 / XP51 | 580 / 580 |
| CATEGORY C | 1.7 NM | 450 | 541 / 541 | 12. BLDG (22-001751) | 323146.00N/0920413.00W | 259 (5D) | 300 | AC50 / AC50 | 620 / 620 |
| CATEGORY D | 2.3 NM | 550 | 561 / 561 | 12. BLDG (22-001751) | 323146.00N/0920413.00W | 259 (5D) | 300 | HAA / HAA | 640 / 640 |
| CATEGORY E | 4.5 NM | 550 | | | | | | | |

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ML LOM

| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
|---|---|---|---|---|---|---|---|---|---|
| 140-230 | TWR (22-001696) | 187/ 21.2 | 2064 (5D) | 3100 | | | | | |
| 230-140 | TWR (22-001843) | 003/ 12.4 | 1149 (5D) | 2200 | | | | | |

| CITY AND STATE | | FACILITY | PROCEDURE AND AMENDMENT NO: | REGION |
|---|---|---|---|---|
| MONROE, LA | ELEVATION: 79<br>AIRPORT NAME: MONROE RGNL | I-MLU | ILS OR LOC RWY 4, AMDT 23 | ASW |

## PART B - SUPPLEMENTAL DATA

| 1. COMMUNICATIONS WITH: | 2. WEATHER SERVICE | 3. ALTIMETER SETTING |
|---|---|---|
| **MLU APP CON**<br>**MLU TOWER**<br>**FORT WORTH CENTER ARTCC**<br><br>SATISFACTORY ON: | [ ] NWS [ ] FAA [ ] A/C<br>OTHER: **ASOS** | SOURCE: **KMLU**<br>DISTANCE:<br>HOURS REMOTE OPERATION: |
| [X] VHF [X] UHF [ ] HF | LOCATION: **KMLU** | ADJUSTMENT: **0** |

| 4. MONITOR STATUS | | |
|---|---|---|
| PRIMARY NAVAID: **I-MLU** | | |
| MONITOR POINT: **MLU ATCT** | | |
| HRS OPTN: | CAT 1 | **SEE A/FD FOR HOURS** |
| | CAT 3 | **WHEN CONTROL TOWER CLOSED** |

| 5. APPROACH & RUNWAY LIGHTING | |
|---|---|
| | **ALS** |
| | **(S) SALS** |
| X | **MALSR 22 (PCL), 04 (PCL)** |
| X | **HIRL 22 (PCL), 04 (PCL)** |
| X | **MIRL 14 (PCL), 32 (PCL)** |
| X | **REIL 14, 32** |
| | **TDZ** |
| | **C/LINE** |
| X | **OTHER (SPECIFY)**<br>**PAPI-4L 22 (PCL), 04 (PCL), 14 (PCL), 32 (PCL)** |

| | | |
|---|---|---|
| 6. RUNWAY MARKINGS | BASIC **BSC-F 18, 36** | |
| | ALL WEATHER **PIR-G 22, 04** | |
| | INSTRUMENT **NPI-F 14, 32** | |
| 7. RUNWAY VISUAL RANGE | APPROACH **04** | |
| | MIDFIELD | |
| | ROLL OUT | |
| 8. GLIDE PATH | GP ANGLE: **3.00** | ELEV RWY THRESHOLD: **75.5** |
| | DISTANCE FROM RWY: **943** | ELEV GP ANTENNA: **76.4** |
| | | THRESHOLD CROSSING HEIGHT: **50.3** |

| 9. FINAL APPROACH COURSE AIMING | | | |
|---|---|---|---|
| | X | RUNWAY THRESHOLD | FT. FROM THRESHOLD |
| | X | ON CENTERLINE | FT. FROM CENTERLINE |

10. WAIVERS: **NONE**

| PART D - PREPARED BY: | DATE: |
|---|---|
| **ROBERT G. ABBOTT** | **01/05/2012** |
| TITLE: **AERONAUTICAL INFORMATION SPECIALIST** | OFFICE: **AJV-353** |

## PART C - REMARKS:

**VDP NOT ESTABLISHED - DME NOT COLLOCATED WITH I-MLU..**

**PRECIPITOUS TERRAIN EVALUATION COMPLETED.**

**TERPS PARAGRAPH 289 APPLIED TO 300 TOWER 322634N/0920616W**

**BACKUP ALTIMETER SOURCE BASTROP (KBQP): WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BASTROP ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FT AND ALL VISIBILITIES 1/4 MILE**

**VGSI 3.00/TCH 50**

**SEE ATTACHED AIRSPACE LETTER.**

**CAT A/B XP51 FOR PROCEDURE CIRCLING STANDARDIZATION**

**MISSED APPROACH OBSTACLES CONT.**
**ALTERNATE:**
**ASC 3000**
**1. TOWER (22-000162) 323139.97N/0920608.71W 849 (2C)**
**1000 1900**
**10. TERRAIN 323718.00N/0915542.00W 138 (100) AS1500**
**1600**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CFBJX **STATE:** LA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 322259.91N/0921116.47W **TYPE:** CNF

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 4 | | | KMLU | MONROE | LA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 10/18/2012

**DEVELOPED BY:** **DATE:** 06/15/2012 **OFFICE:** AJV-353 **NAME:** ROBERT ABBOTT

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** MLU ATCT
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** MONROE VORTAC **STATE:** LA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 323100.78N/0920209.63W **TYPE:**

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MONROE | MLU | VORTAC | L | | | | | | | 17500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SW | MLU | VORTAC | 213.61 | 033.61 | R | 1 | | 3000 | 14000 | 4 | 10 |
| 2 | W | MLU | VORTAC | 275.45 | 095.45 | L | 1 | | 2000 | 14000 | 4 | 10 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| UPN | 230 | TOWER (22-001843) | 323936.00N/0920510.00W | 1149 | 5D |
| 1 | 200 | TOWER (22-000162) | 323139.97N/0920608.71W | 849 | 2C |
| 2 | 200 | TOWER (22-000162) | 323139.97N/0920608.71W | 849 | 2C |

**REASON FOR NONSTANDARD HOLDING:**
PAT 2 AIR TRAFFIC REQUEST

**HOLDING RESTRICTIONS:**
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000

**REMARKS:**
PRECIPITOUS TERRAIN EVALUATED

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | JACKSON | | | KJAN | JACKSON | MS (US) |
| EN ROUTE | V18 | | | | | (US) |
| EN ROUTE | V397 | | | | | (US) |
| EN ROUTE | V417 | | | | | (US) |
| EN ROUTE | V427 | | | | | (US) |
| EN ROUTE | V554 | | | | | (US) |
| EN ROUTE | V71 | | | | | (US) |
| EN ROUTE | V94 | | | | | (US) |
| IAP | NDB RWY 34 | | | KBQP | BASTROP | LA (US) |
| IAP | VOR/DME-A | | | KBQP | BASTROP | LA (US) |
| IAP | ASR RWY 04 | | 1 | KMLU | MONROE | LA (US) |
| IAP | ASR RWY 22 | | 1 | KMLU | MONROE | LA (US) |
| IAP | ILS OR LOC RWY 04 | | 1 | KMLU | MONROE | LA (US) |
| IAP | ILS OR LOC RWY 22 | | 1 | KMLU | MONROE | LA (US) |
| IAP | VOR RWY 04 | | 1 | KMLU | MONROE | LA (US) |
| IAP | VOR RWY 22 | | 1 | KMLU | MONROE | LA (US) |
| IAP | VOR/DME RWY 04 | | 1 | KMLU | MONROE | LA (US) |
| IAP | VOR/DME RWY 22 | | 1 | KMLU | MONROE | LA (US) |
| IAP | VOR/DME RWY 32 | | 1 | KMLU | MONROE | LA (US) |
| IAP | NDB RWY 36 | | | KM79 | RAYVILLE | LA (US) |
| IAP | RNAV (GPS) RWY 18 | | | KM79 | RAYVILLE | LA (US) |
| IAP | RNAV (GPS) RWY 36 | | | KM79 | RAYVILLE | LA (US) |
| IAP | VOR/DME-A | | 2 | KM79 | RAYVILLE | LA (US) |
| IAP | NDB RWY 18 | | | KRSN | RUSTON | LA (US) |
| IAP | NDB RWY 36 | | | KRSN | RUSTON | LA (US) |
| IAP | RNAV (GPS) RWY 18 | | | KRSN | RUSTON | LA (US) |
| IAP | RNAV (GPS) RWY 36 | | | KRSN | RUSTON | LA (US) |
| IAP | VOR/DME-A | | | KRSN | RUSTON | LA (US) |
| IAP | RNAV (GPS) RWY 27 | | | K0R5 | WINNFIELD | LA (US) |
| STAR | CEDAR CREEK | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| STAR | DUMPY | | | KDFW | DALLAS-FORT WORTH | TX (US) |
| STAR | DODJE | | | KAFW | FORT WORTH | TX (US) |

**REQUIRED CHARTING:** DP, STAR, IAP, AREA, CONTROLLER, EN ROUTE LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 10/18/2012

**REASON FOR REVISION:**

UPDATE FIX USE
ADD UNPLANNED HOLDING
REMOVE R-042 & R-060 HOLDING
UPDATE R-214 HOLDING COURSE
UPDATE KM79 VOR/DME-A COURSE

| | | | |
|---|---|---|---|
| **DEVELOPED BY:** | **DATE:** 12/29/2011 | **OFFICE:** AJV-353 | **NAME:** ROBERT ABBOTT |
| **APPROVED BY:** | **DATE:** | **OFFICE:** AJV-353 | **NAME:** LARRY STROUT |
| | **SIGNATURE:** | | |

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** MLU ATCT
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** SABAR LOM **STATE:** LA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 322714.91N/0920615.65W **TYPE:** DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SABAR | ML | LOM | | | | | | | 1500 | 17500 |
| 2 | MONROE | I-MLU | LOC | | 222.04 | 225.04 | | 5.62 | 34173 | 1500 | 4500 |
| 3 | MONROE | MLU | VORTAC | L | | | 5.11 | 5.11 | | 1500 | 4500 |

**HOLDING:** **HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | LEG LENGTH DME | HOLDING ALTITUDES MIN | HOLDING ALTITUDES MAX | TEMPLATES MIN | TEMPLATES MAX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SW | ML | LOM | 222.04 | 042.04 | R | 1 | | 3000 | 6000 | 4 | 12 |
| 2 | NE | ML | LOM | 042.04 | 222.04 | R | 1 | | 3100 | 6000 | 12 | 13 |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|---|---|---|---|---|---|
| 1 | 200 | TOWER (22-003418) | 322415.20N/0920207.40W | 540 | 5D |
| 2 | 310 | TOWER (22-000794) | 321151.00N/0920414.00W | 2049 | 2C |

**HOLDING RESTRICTIONS:**
HOLDING LIMITED TO ESTABLISHED PATTERN

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|
| 2 | ILS OR LOC RWY 22 (ALT MA) | KMLU | MONROE | LA (US) |

**REMARKS:**
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE SABAR LOM.
ACTUAL FACILITY LOCATION IS 322714.82N/0920615.54W.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED
310 KT CLIMB-IN-HOLD OBS 22-000794 EQUIVALENT ELEVATION 1073'

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 22 (ALT MA) | 1 | 2 | KMLU | MONROE | LA (US) |
| IAP | ILS OR LOC RWY 4 | 1, 2, 3 | 1 | KMLU | MONROE | LA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 10/18/2012

**REASON FOR REVISION:**
UPDATE FAC 2 BEARING
REVISE COORDINATES
DELETE LOC COURSE HOLDING
UPDATE HOLDING CONTROLLING OBSTRUCTION
ADD CLIMB-IN-HOLD FOR ILS OR LOC RWY 22 ALTERNATE MISSED APPROACH
UPDATE FIX USE
ADDED HOLDING PATTERN 2 FOR CLIMB IN HOLD, MIN ALT 3100

**DEVELOPED BY:** **DATE:** 11/22/2011 **OFFICE:** AJV-353 **NAME:** ROBERT ABBOTT

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** MLU ATCT
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** UXGOY **STATE:** LA **COUNTRY:** US

**LATITUDE/LONGITUDE:** 322918.64N/0920349.60W **TYPE:** WP, DME

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | DIST FROM FAC FEET | MRA | MAA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | MONROE | I-MLU | LOC | | 222.04 | 225.04 | | 2.71 | | 440 | 1500 |
| 2 | MONROE | MLU | VORTAC | L | | | 2.21 | 2.21 | | 440 | 1500 |

**REMARKS:**
MAA BASED ON MAXIMUM DESCENT

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| IAP | ILS OR LOC RWY 04 | 1, 2 | | KMLU | MONROE | LA (US) |
| IAP | RNAV (GPS) RWY 04 | | | KMLU | MONROE | LA (US) |

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 10/18/2012

**DEVELOPED BY:** **DATE:** 12/30/2011 **OFFICE:** AJV-353 **NAME:** ROBERT ABBOTT

**APPROVED BY:** **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZFW
**ATC FACILITY:** MLU ATCT
**OTHER:**

QUALITY 5

# TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **MONROE** STATE: **LA**

AIRPORT NAME: **MONROE RGNL** ID: **KMLU**

PROCEDURE: **ILS or LOC Rwy 4** AMDT: **23**

DOCKET#:
(96-AXX-X/Required/Not Required)

**ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.**

| | | | |
|---|---|---|---|
| 1. Distance from | **THLD** | to 1000' point | **3.06** |
| (Enter THLD, FAF, ARP, FACILITY, as appropriate) | | | |
| 2. Width of | **FINAL** | segment at 1000' point | **0.88** |
| (Enter appropriate segment, final, intermediate, etc.) | | | |
| 3. True Course of | **FINAL** | segment containing 1000' point | **045.04** |
| 4. High Terrain in | **FINAL** | segment containing 1000' point | **76** |
| 5. Distance from | **FAF** | to 1500' point | **7.00** |
| (If 1500' point in PT maneuvering area or holding pattern note in remarks) | | | |
| 6. Width of | **INTERMEDIATE** | segment at 1500' point | **4.34** |
| 7. True Course of | **INTERMEDIATE** | segment containing 1500' point | **045.04** |
| 8. High Terrain in | **INTERMEDIATE** | segment containing 1500' point | **270** |

9. Threshold Coordinates (if straight-in) ... **323013.87N** / **0920244.35W**

10. ARP Coordinates ..... **323039.10N** / **0920215.60W**

11. Runway Approach End and distance furthest from ARP ..... RWY **22**

Distance **0.65** NM

12. FAF Coordinates ..... **322714.91N** / **0920615.65W**

**REMARKS: Approach/Drawing attached.**