

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|---------|-------------------------------|-----------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------|-----|---------|--|
| <b>ILS - STANDARD</b><br><b>INSTRUMENT APPROACH PROCEDURE</b><br><b>TITLE 14 CFR PART 97.29</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                       |         |                               |                       |                                                                                         | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. |          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| TERMINAL ROUTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 | MISSED APPROACH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        | TO                                                                    |         |                               | COURSE AND DISTANCE   |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      | ALTITUDE |                 | ILS: DA<br>LOC: 5.49 MILES AFTER MISSI LOM OR AT I-MFE 1.29 DME FIX<br><br>CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2000 DIRECT MISSI LOM AND HOLD, OR AS DIRECTED BY ATC.<br><br>ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 340 AND MFE VOR/DME R-029 TO SANCA INT/MFE 10.45 DME AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD NW, LT, 136.57 INBOUND.<br>CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE SANCA INT/MFE 10.45 DME, RT, 208.90 INBOUND.<br>CHART FAS OBST: 229 TOWER 261208N/0981534W<br>CHART CIRCLING ICON |                 |                  |        |     |         |  |
| MFE VOR/DME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        | MISSI LOM/I-MFE 6.78 DME                                              |         |                               | 312.89 / 6.08         |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      | 2000     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| SANCA INT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        | MISSI LOM/I-MFE 6.78 DME                                              |         |                               | 247.18 / 10.75        |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      | 2000     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| FATOR INT/I-MFE 12.43 DME (IAF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        | MISSI LOM/I-MFE 6.78 DME (NOPT)                                       |         |                               | 136.57 / 5.65 (I-MFE) |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      | 2000     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| 1. PT <u>  R  </u> SIDE OF COURSE <u>316.57</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>MISSI LOM</u> (IAF)<br>2. _____<br>3. FAC: <u>136.57</u> FAF: MISSI LOM/I-MFE 6.78 DME DIST FAF TO MAP: <u>5.49</u> THLD: <u>5.49</u><br>4. MIN. ALT: MISSI LOM 2000, LOBIC/I-MFE 2.69 DME 620*<br>5. DIST TO THLD FROM OM: <u>5.49</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1245</u><br>6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>-</u> OM: <u>1952</u> MM: <u>-</u> IM: <u>-</u><br>7. GS ANGLE: <u>3.00</u> TCH: <u>61.2</u><br>8. MSA FROM: MF LOM 360-270 2600, 270-360 3400 |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 | MAG VAR: 4E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 | EPOCH YEAR: 2020 |        |     |         |  |
| 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 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 307    | 1/2                                                                   | 200     | 307                           | 1/2                   | 200                                                                                     | 307                                                                                                                                                                                                                                                                                                                                                                  | 1/2      | 200             | 307                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2             | 200              |        |     |         |  |
| S-LOC 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 620    | 1/2                                                                   | 513     | 620                           | 1/2                   | 513                                                                                     | 620                                                                                                                                                                                                                                                                                                                                                                  | 1        | 513             | 620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1               | 513              |        |     |         |  |
| CIRCLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 620    | 1                                                                     | 513     | 620                           | 1                     | 513                                                                                     | 620                                                                                                                                                                                                                                                                                                                                                                  | 1 1/2    | 513             | 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2 1/4           | 693              |        |     |         |  |
| LOBIC FIX MINIMUMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| S-LOC 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 540    | 1/2                                                                   | 433     | 540                           | 1/2                   | 433                                                                                     | 540                                                                                                                                                                                                                                                                                                                                                                  | 3/4      | 433             | 540                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/4             | 433              |        |     |         |  |
| CIRCLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 580    | 1                                                                     | 473     | 580                           | 1                     | 473                                                                                     | 580                                                                                                                                                                                                                                                                                                                                                                  | 1 1/2    | 473             | 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2 1/4           | 693              |        |     |         |  |
| NOTES:<br>CHART NOTE: CIRCLING NA NE OF RWY 14-32.<br>CHART NOTE: ADF REQUIRED.<br>*LOC ONLY<br>*660 WHEN USING WESLACO ALTIMETER SETTING.<br>(SEE FORM 8260-10)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                  |        |     |         |  |
| CITY AND STATE<br><br>MC ALLEN, TX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | ELEVATION: 107 TDZE: 107<br>AIRPORT NAME:<br><br>MC ALLEN MILLER INTL |         | FACILITY IDENTIFIER:<br>I-MFE |                       | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>ILS OR LOC RWY 14, AMDT 9<br>10 DECEMBER 2015 |                                                                                                                                                                                                                                                                                                                                                                      |          |                 | SUP: ILS OR LOC RWY 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                  |        |     |         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 | AMDT: 8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                  |        |     |         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |                                                                       |         |                               |                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |          |                 | DATED 10/23/2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                  |        |     |         |  |



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.

NOTES, (CONT.):  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WESLACO ALTIMETER SETTING: INCREASE ALL  
DA 39 FEET; INCREASE ALL MDA 40 FEET AND S-LOC 14 CAT C/D AND CIRCLING CAT C VISIBILITY 1/8 MILE,  
INCREASE LOBIC FIX MINIMUMS S-LOC 14 CAT C/D VISIBILITY 1/4 MILE.



|                                |                                                                        |                               |                                                                                          |                        |
|--------------------------------|------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------|------------------------|
| CITY AND STATE<br>MC ALLEN, TX | ELEVATION: 107      TDZE: 107<br>AIRPORT NAME:<br>MC ALLEN MILLER INTL | FACILITY IDENTIFIER:<br>I-MFE | PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:<br>ILS OR LOC RWY 14, AMDT 9<br>10 DECEMBER 2015 | SUP: ILS OR LOC RWY 13 |
|                                |                                                                        |                               |                                                                                          | AMDT: 8C               |
|                                |                                                                        |                               |                                                                                          | DATED: 10/23/2008      |

|                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b><br><b>ILS STANDARD INSTRUMENT APPROACH PROCEDURE</b><br><b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29</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. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

ARINC SUMMARY - KMFE

ROUTES

| TRANSITION | WPT<br>SEQ | WPT<br>NAME | LEG<br>TYPE | FB/FO | RNP | MAG<br>CRS | REC<br>NAV | ANGLE | TURN<br>DIR | CENTER<br>FIX | TURN<br>RADIUS | ALTITUDE<br>DESCRIPTION<br>& VALUE | SPEED LIMIT<br>DESCRIPTION<br>& VALUE | WPT<br>DESCRIPTION<br>CODE |
|------------|------------|-------------|-------------|-------|-----|------------|------------|-------|-------------|---------------|----------------|------------------------------------|---------------------------------------|----------------------------|
| MFE        | 010        | MFE         | IF          | FB    |     |            |            |       |             |               |                |                                    |                                       | V                          |
| MFE        | 020        | MISSI       | TF          | FB    |     |            |            |       |             |               |                | AA 02000                           |                                       | E                          |
| MFE        | 030        | MISSI       | PI          | FB    |     | 001.6      | NQI        |       | L           |               |                | AA 02000                           |                                       | E A                        |
| MFE        | 040        | FATOR       | CF          | FB    |     | 136.6      | IMFE       |       |             |               |                | AA 02000                           |                                       | EE                         |
| SANCA      | 010        | SANCA       | IF          | FB    |     |            |            |       |             |               |                |                                    |                                       | E                          |
| SANCA      | 020        | MISSI       | TF          | FB    |     |            |            |       |             |               |                | AA 02000                           |                                       | E                          |
| SANCA      | 030        | MISSI       | PI          | FB    |     | 001.6      | NQI        |       | L           |               |                | AA 02000                           |                                       | E A                        |
| SANCA      | 040        | FATOR       | CF          | FB    |     | 136.6      | IMFE       |       |             |               |                | AA 02000                           |                                       | EE                         |
|            | 010        | FATOR       | IF          | FB    |     |            | IMFE       |       |             |               |                | AA 02000 GI 02000                  |                                       | E D                        |
|            | 020        | MISSI       | CF          | FB    |     | 137.0      | IMFE       | 3.00  |             | MF            |                | GI 02000 GS 01952                  |                                       | E F                        |
|            | 030        | RW14        | CF          | FO    |     | 137.0      | IMFE       | 3.00  |             |               |                | AT 00169                           |                                       | GY M                       |
|            | 040        |             | CA          | FB    |     | 136.6      |            |       |             |               |                | AA 01500                           |                                       | M                          |
|            | 050        | MF          | DF          | FO    |     |            |            |       | L           |               |                | AA 02000                           |                                       | NY                         |
|            | 060        | MF          | HM          | FO    |     | 136.6      |            |       | L           |               |                | AA 02000                           |                                       | NE                         |

POINTS

| POINT NAME | LATITUDE   | LONGITUDE   |
|------------|------------|-------------|
| MFE        | N261025.95 | W0981426.83 |
| NQI (DME)  | N272957.26 | W0974820.16 |
| IMFE (DME) | N260959.48 | W0981348.79 |
| FATOR      | N261936.44 | W0982236.71 |
| SANCA      | N261842.02 | W0980718.24 |
| MISSI      | N261512.84 | W0981838.74 |
| IMFE (LOC) | N260956.26 | W0981350.04 |
| MF         | N261513.86 | W0981837.36 |

RUNWAYS

| RUNWAY | THRESHOLD<br>LATITUDE | THRESHOLD<br>LONGITUDE | THRESHOLD<br>ELEVATION | PROCEDURE<br>TCH |
|--------|-----------------------|------------------------|------------------------|------------------|
| RW14   | N261057.49            | W0981445.83            | 00107                  | 61               |



|                                       |                                                                                        |                                          |                                                                                                    |                               |
|---------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|
| CITY AND STATE<br><b>MC ALLEN, TX</b> | ELEVATION: <b>107</b> <b>TDZE: 107</b><br>AIRPORT NAME:<br><b>MC ALLEN MILLER INTL</b> | FACILITY IDENTIFIER:<br><br><b>I-MFE</b> | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br><b>ILS OR LOC RWY 14, AMDT 9</b><br>10 DECEMBER 2015 | SUP: <b>ILS OR LOC RWY 13</b> |
|                                       |                                                                                        |                                          |                                                                                                    | AMDT: <b>8C</b>               |
|                                       |                                                                                        |                                          |                                                                                                    | DATED: <b>10/23/2008</b>      |

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

## LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR 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 - KMFE

## ROUTES

| TRANSITION | WPT<br>SEQ | WPT<br>NAME | LEG<br>TYPE | FB/FO | RNP | MAG<br>CRS | REC<br>NAV | ANGLE | TURN<br>DIR | CENTER<br>FIX | TURN<br>RADIUS | ALTITUDE<br>DESCRIPTION<br>& VALUE | SPEED LIMIT<br>DESCRIPTION<br>& VALUE | WPT<br>DESCRIPTION<br>CODE |
|------------|------------|-------------|-------------|-------|-----|------------|------------|-------|-------------|---------------|----------------|------------------------------------|---------------------------------------|----------------------------|
| MFE        | 010        | MFE         | IF          | FB    |     |            |            |       |             |               |                |                                    |                                       | V                          |
| MFE        | 020        | MISSI       | TF          | FB    |     |            |            |       |             |               |                | AA 02000                           |                                       | E                          |
| MFE        | 030        | MISSI       | PI          | FB    |     | 001.6      | NQI        |       | L           |               |                | AA 02000                           |                                       | E A                        |
| MFE        | 040        | FATOR       | CF          | FB    |     | 136.6      | IMFE       |       |             |               |                | AA 02000                           |                                       | EE                         |
| SANCA      | 010        | SANCA       | IF          | FB    |     |            |            |       |             |               |                |                                    |                                       | E                          |
| SANCA      | 020        | MISSI       | TF          | FB    |     |            |            |       |             |               |                | AA 02000                           |                                       | E                          |
| SANCA      | 030        | MISSI       | PI          | FB    |     | 001.6      | NQI        |       | L           |               |                | AA 02000                           |                                       | E A                        |
| SANCA      | 040        | FATOR       | CF          | FB    |     | 136.6      | IMFE       |       |             |               |                | AA 02000                           |                                       | EE                         |
|            | 010        | FATOR       | IF          | FB    |     |            | IMFE       |       |             |               |                | AA 02000                           |                                       | E D                        |
|            | 020        | MISSI       | CF          | FB    |     | 137.0      | IMFE       |       |             | MF            |                | AA 02000                           |                                       | E F                        |
|            | 021        | LOBIC       | CF          | FB    |     | 137.0      | IMFE       | 3.14  |             |               |                | AA 00620                           |                                       | E S                        |
|            | 030        | RW14        | CF          | FO    |     | 137.0      | IMFE       | 3.14  |             |               |                | AT 00169                           |                                       | GY M                       |
|            | 040        |             | CA          | FB    |     | 136.6      |            |       |             |               |                | AA 01500                           |                                       | M                          |
|            | 050        | MF          | DF          | FO    |     |            |            |       | L           |               |                | AA 02000                           |                                       | NY                         |
|            | 060        | MF          | HM          | FO    |     | 136.6      |            |       | L           |               |                | AA 02000                           |                                       | NE                         |

## POINTS

| POINT NAME | LATITUDE   | LONGITUDE   |
|------------|------------|-------------|
| MFE        | N261025.95 | W0981426.83 |
| NQI (DME)  | N272957.26 | W0974820.16 |
| IMFE (DME) | N260959.48 | W0981348.79 |
| FATOR      | N261936.44 | W0982236.71 |
| SANCA      | N261842.02 | W0980718.24 |
| LOBIC      | N261202.56 | W0981545.15 |
| MISSI      | N261512.84 | W0981838.74 |
| IMFE (LOC) | N260956.26 | W0981350.04 |
| MF         | N261513.86 | W0981837.36 |

## RUNWAYS

| RUNWAY | THRESHOLD<br>LATITUDE | THRESHOLD<br>LONGITUDE | THRESHOLD<br>ELEVATION | PROCEDURE<br>TCH |
|--------|-----------------------|------------------------|------------------------|------------------|
| RW14   | N261057.49            | W0981445.83            | 00107                  | 61               |

QUALITY  
12  
CHECKED

CITY AND STATE  
MC ALLEN, TX

ELEVATION: 107 TDZE: 107  
AIRPORT NAME:  
MC ALLEN MILLER INTL

FACILITY  
IDENTIFIER:  
I-MFE

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
ILS OR LOC RWY 14, AMDT 9  
10 DECEMBER 2015

SUP:  
AMDT: 8C  
DATED: 10/23/2008