

| PROCEDURE INFORMATION | AIRPORT NAME: CHICAGO MIDWAY INTL |                   | AIRPORT ID: MDW | CITY: CHICAGO            | STATE: IL | AIRPORT ELEVATION: 620 | TDZE: 611 | MAGVAR: 4W                                                      | EPOCH YEAR: 2015 | FACILITY: RNAV     | CONTROL TOWER: YES |                   |                      |
|-----------------------|-----------------------------------|-------------------|-----------------|--------------------------|-----------|------------------------|-----------|-----------------------------------------------------------------|------------------|--------------------|--------------------|-------------------|----------------------|
| FIX NAME (FROM)       | COORDINATES                       | SEGMENT/ FIX TYPE | FIX NAME (TO)   | COORDINATES              | LEG TYPE  | FO/FB                  | RNP       | Magnetic (True) Course or RADIUS/Turn Direction/RF Center Point | DISTANCE         | START ALTITUDE/VAA | END ALTITUDE/VAA   | SPEED RESTRICTION | PRECIPITOUS EVAL/AMT |
| ZABNU                 | 413247.400N/0881905.830W          | IAF               | TOYUL           | 414244.180N/0880413.550W | TF        | FB                     | 1.00      | 052.20 (048.20° T)                                              | 14.94            | 4000               | 3000               |                   | YES/0                |
| TINLY                 | 413319.080N/0875057.560W          | IF                | OOPLA           | 414043.561N/0880027.842W | TF        | FB                     | 1.00      | 320.14 (316.14° T)                                              | 10.28            | 4000               | 4000               |                   | YES/0                |
| OOPLA                 | 414043.561N/0880027.842W          |                   | GIKLE           | 414700.522N/0875949.312W | RF        | FB                     | 1.00      | 4.21 NM RADIUS CW (CFMLL)                                       | 7.11             | 4000               | 2500               |                   | YES/0                |
| GIKLE                 | 414700.522N/0875949.312W          | IF                | AAMEE           | 415004.937N/0875425.118W | TF        | FB                     | 0.30      | 056.72 (052.72° T)                                              | 5.08             | 2500               | 2000               | 180.0             | YES/0                |
| AAMEE                 | 415004.937N/0875425.118W          |                   | RUDDY           | 415024.648N/0875016.568W | RF        | FB                     | 0.30      | 3.01 NM RADIUS CW (WP472)                                       | 3.27             | 2000               | 2000               |                   | YES/0                |
| RUDDY                 | 415024.648N/0875016.568W          |                   | NAANN           | 414929.326N/0874828.189W | RF        | FB                     | 0.30      | 5.12 NM RADIUS CW (WP455)                                       | 1.64             | 2000               | 1600               |                   | YES/0                |
| PLOPP                 | 414334.640N/0874937.440W          | IF                | YUCAN           | 414558.040N/0875259.330W | TF        | FB                     | 1.00      | 317.50 (313.50° T)                                              | 3.47             | 4000               | 3000               |                   | YES/0                |
| YUCAN                 | 414558.040N/0875259.330W          |                   | SCRAT           | 414708.015N/0875437.989W | TF        | FB                     | 1.00      | 317.47 (313.47° T)                                              | 1.69             | 3000               | 2000               | 180.0             | YES/0                |
| SCRAT                 | 414708.015N/0875437.989W          |                   | AAMEE           | 415004.937N/0875425.118W | RF        | FB                     | 0.30      | 1.94 NM RADIUS CW (CFLTP)                                       | 3.36             | 2000               | 2000               | 180.0             | YES/0                |
| TOYUL                 | 414244.180N/0880413.550W          | IF                | GIKLE           | 414700.522N/0875949.312W | TF        | FB                     | 1.00      | 041.64 (037.64° T)                                              | 5.39             | 3000               | 2500               |                   | YES/0                |
| NAANN                 | 414929.326N/0874828.189W          | PFAF              | RW13L           | 414726.514N/0874535.424W | TF        | FO                     | 0.30      | 137.52 (133.52° T)                                              | 2.97             | 1600               |                    |                   | YES                  |
| RW13L                 | 414726.514N/0874535.424W          | MAP               | 1100 MSL        |                          | CA        |                        |           | 137.52 (133.52° T)                                              |                  |                    | 1100               |                   | YES/0                |
| 1100 MSL              |                                   |                   |                 |                          | DF        | FO                     | 1.00      |                                                                 |                  |                    | 2600               |                   | YES/0                |

PBN REQUIREMENTS NOTE:  
RNP AR APCH - GPS

| RNP RADIUS TURN CNF COORDINATES |             |              |
|---------------------------------|-------------|--------------|
| CFLJJ                           | 414546.551N | 0875310.619W |
| CFLRP                           | 414740.992N | 0875159.051W |
| CFLTP                           | 414832.377N | 0875251.166W |
| CFMLL                           | 414339.144N | 0875624.751W |
| WP323                           | 414546.551N | 0875310.619W |
| WP336                           | 414740.992N | 0875159.051W |
| WP455                           | 414546.551N | 0875310.619W |
| WP472                           | 414740.992N | 0875159.051W |
| WP86                            | 414546.551N | 0875310.619W |
| WP95                            | 414740.992N | 0875159.051W |

|                 |                                        |                             |                               |                                   |                         |        |                              |                                                  |                                                                                                                             |
|-----------------|----------------------------------------|-----------------------------|-------------------------------|-----------------------------------|-------------------------|--------|------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| HIL             |                                        |                             |                               |                                   |                         |        |                              |                                                  |                                                                                                                             |
| ARRIVAL HOLDING |                                        |                             |                               |                                   |                         |        |                              |                                                  |                                                                                                                             |
| MISSED HOLDING  | EON VORTAC<br>411610.677N/0874727.793W | WP<br>RAD/CRS/BRG<br>001.00 | HOLD N, RT,<br>181.00 INBOUND | MIN/MAX<br>ALTITUDE:<br>2600/6000 | MIN/MAX<br>PATTERN: 5/6 | DME: 4 | SPEED OF MIN<br>PATTERN: 200 | PRECIPITOUS EVAL: YES<br>PRECIPITOUS AMT: 0.0000 | PRECIPITOUS TERRAIN EVALUATION COMPLETED<br>HOLDING LIMITED TO ESTABLISHED PATTERN(S)<br>ASSIGNED FACILITY MAGVAR: E02/1965 |
|                 |                                        |                             |                               |                                   |                         |        |                              |                                                  |                                                                                                                             |

|     |                                            |  |  |                                        |  |  |                                 |  |  |                  |  |  |  |
|-----|--------------------------------------------|--|--|----------------------------------------|--|--|---------------------------------|--|--|------------------|--|--|--|
| CIH | CLEARANCE LIMIT OCS ALT (FT):<br>6107.9146 |  |  | CLEARANCE LIMIT AC ALT (FT): 7107.9146 |  |  | MISSED HOLD ALTITUDE: 2600.0000 |  |  | CIH REQUIRED: NO |  |  |  |
|-----|--------------------------------------------|--|--|----------------------------------------|--|--|---------------------------------|--|--|------------------|--|--|--|

|         |                                    |                |                |                                       |                                        |                                                                                              |                                        |                    |                          |                                  |                     |                         |                  |           |                         |
|---------|------------------------------------|----------------|----------------|---------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------|--------------------|--------------------------|----------------------------------|---------------------|-------------------------|------------------|-----------|-------------------------|
| PROFILE | LINE 2: PROFILE<br>STARTS AT TINLY | FAC:<br>137.52 | PFAF:<br>NAANN | DISTANCE FAF<br>TO MAP: NA FOR<br>RNP | DISTANCE FAF<br>TO THLD: NA FOR<br>RNP | MIN ALT:<br>TINLY 4000<br>OOPLA 4000<br>GIKLE 2500<br>AAMEE 2000<br>RUDDY 2000<br>NAANN 1600 | DISTANCE TO<br>THLD FROM<br>PFAF: 2.97 | 274 HAT:<br>0.7219 | MIN GP<br>INCPT:<br>1600 | GP ALT AT<br>PFAF:<br>NAANN 1600 | GP ANGLE:<br>3.0000 | 34:1 IS<br>NOT<br>CLEAR | 20:1 IS<br>CLEAR | TCH: 46.0 | MSA FROM: RW13L<br>3400 |
|---------|------------------------------------|----------------|----------------|---------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------|--------------------|--------------------------|----------------------------------|---------------------|-------------------------|------------------|-----------|-------------------------|

|                                                                             |                                                     |                                                              |                                                                                 |                                                                                                 |                         |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
|-----------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------|-------------------------------------|------------------------------------------------|---------------------------------------------------|------------------------------------------|-----------|--------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|--|
| NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE                   |                                                     |                                                              |                                                                                 | KMDW RNAV (RNP) Y RWY 13L -<br>10/29/2026                                                       |                         |                                                 |                                     |                                                |                                                   |                                          |           | CHECK CURRENT AIRPORT/FACILITY NOTAMS            |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| ADDL<br>FLIGHT<br>DATA/<br>NOTES                                            | CIRCLING RESTRICTIONS:<br>NA FOR RNP                |                                                              | AIRSPED<br>RESTRICTIONS:<br>YES<br>180 AT AAMEE<br>210 AT PLOPP<br>180 AT SCRAT | CHART NOTE: FOR<br>UNCOMPENSATED BARO-VNAV<br>SYSTEMS, PROCEDURE NA BELOW<br>-20C OR ABOVE 54C. |                         |                                                 | FINAL OFFSET<br>ANGLE:<br>0.00 LEFT | LTP DISTANCE<br>TO FAC<br>INTERCEPT (FT):<br>0 |                                                   | VDP: NA FOR RNP                          |           |                                                  | (LNAV/LP ONLY)<br>VDA: NA |                                                                                                                                                                                                                       | MANDATORY<br>ALTITUDES: YES<br>4000 AT ZABNU<br>3000 AT TOYUL<br>2500 AT GIKLE<br>2000 AT AAMEE<br>2000 AT RUDDY<br>4000 AT OOPLA |                                                                                                      | HELICOPTER VISIBILITY<br>RESTRICTION: NA FOR<br>RNP |                                                      |  |
|                                                                             | VGSI: VGSI AND RNAV<br>GLIDEPATH ARE<br>COINCIDENT. |                                                              | RF TURN IN FINAL/MISSED: NO                                                     |                                                                                                 |                         | VGS:<br>ALL SURFACES CLEAR                      |                                     |                                                | MISSED APPROACH REQUIRES<br>RNP LESS THAN 1.0: NO |                                          |           | FAC AIMING<br>POINT:<br>AT THLD/ON<br>CENTERLINE |                           | RNAV MISSED<br>APPROACH<br>(CA-DF)                                                                                                                                                                                    |                                                                                                                                   | Multiple IF<br>locations:<br>CHART PROFILE<br>NOTE: SEE<br>PLANVIEW FOR<br>MULTIPLE IF<br>LOCATIONS. |                                                     | HOLD N, RT,<br>181.00 INBOUND                        |  |
| BACKUP ALTIMETER/<br>INOPERATIVE ALS/<br>CAT II/III, SA CAT II/III<br>NOTES |                                                     |                                                              |                                                                                 |                                                                                                 |                         |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| ALTERNATE                                                                   |                                                     | NA                                                           |                                                                                 | STANDARD                                                                                        |                         |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| M<br>I<br>N<br>I<br>M<br>U<br>M<br>S<br><br>(PRIMARY)<br>KMDW               | CATEGORY<br>(CIRCLING<br>RADII)                     | CAT A (0)                                                    |                                                                                 |                                                                                                 | CAT B (0)               |                                                 |                                     | CAT C (0)                                      |                                                   |                                          | CAT D (0) |                                                  |                           | CAT E (0)                                                                                                                                                                                                             |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
|                                                                             | FINAL TYPE                                          | DA/MDA                                                       | VIS                                                                             | HAT/HAA                                                                                         | DA/MDA                  | VIS                                             | HAT/HAA                             | DA/MDA                                         | VIS                                               | HAT/HAA                                  | DA/MDA    | VIS                                              | HAT/HAA                   | DA/MDA                                                                                                                                                                                                                | VIS                                                                                                                               | HAT/HAA                                                                                              | HMAS                                                |                                                      |  |
|                                                                             | RNP 0.10                                            | 885                                                          | 4500                                                                            | 274                                                                                             | 885                     | 4500                                            | 274                                 | 885                                            | 4500                                              | 274                                      | 885       | 4500                                             | 274                       |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      | 724                                                 |                                                      |  |
|                                                                             | RNP 0.20                                            | 1005                                                         | 6000                                                                            | 394                                                                                             | 1005                    | 6000                                            | 394                                 | 1005                                           | 6000                                              | 394                                      | 1005      | 6000                                             | 394                       |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      | 844                                                 |                                                      |  |
|                                                                             | RNP 0.30                                            | 1051                                                         | 1 1/4                                                                           | 440                                                                                             | 1051                    | 1 1/4                                           | 440                                 | 1051                                           | 1 1/4                                             | 440                                      | 1051      | 1 1/4                                            | 440                       |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      | 890                                                 |                                                      |  |
|                                                                             |                                                     |                                                              |                                                                                 |                                                                                                 |                         |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| VISIBILITY<br>DATA                                                          | APP LIGHTS:<br>NONE                                 | PHYSICAL RWY<br>LENGTH: 6522                                 |                                                                                 | SURVEY TYPE:<br>VG                                                                              |                         | RWY SURFACE:<br>Asphalt/Concrete<br>(CONC_ASPH) |                                     | RWY<br>MARKINGS:<br>PRECISION                  |                                                   | RWY EDGE<br>LIGHTS: HIRL                 |           | RVR:<br>TD/MID/ROLL<br>NO/NO/NO                  |                           | TDZE AND<br>C/L: No                                                                                                                                                                                                   |                                                                                                                                   | ALS extends to<br>displaced runway<br>threshold: N/A                                                 |                                                     | At least one other<br>runway has edge<br>lights: Yes |  |
|                                                                             | HIGHEST CAT: D                                      | GPA: 3.0000                                                  |                                                                                 | TCH: 46.0                                                                                       |                         | THRE: 609.1                                     |                                     | DISTANCE<br>MAP TO THLD<br>(FT): 0             |                                                   | 34:1 IS NOT<br>CLEAR<br>20:1 IS<br>CLEAR |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| LINE OF MINIMA                                                              |                                                     | 34:1                                                         |                                                                                 |                                                                                                 |                         | 20:1                                            |                                     |                                                |                                                   | VGS                                      |           |                                                  |                           | WHEN A SURFACE IS PENETRATED<br>ONLY ONE OBSTACLE WILL BE<br>DISPLAYED IN THIS TABLE, THAT WILL<br>BE THE OBSTACLE WITH THE<br>HIGHEST PENETRATION VALUE. SEE<br>TARGETS FOR ADDITIONAL OBSTACLE<br>DATA AS REQUIRED. |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| RNP AR 440.0 VISUAL AREA                                                    |                                                     | PENETRATED: TRANSMISSION_LINE (17-024991) (2.08) LIGHTED: NO |                                                                                 |                                                                                                 |                         | ASC                                             |                                     |                                                |                                                   | NA                                       |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| RNP AR 274.0 VISUAL AREA                                                    |                                                     | PENETRATED: TRANSMISSION_LINE (17-024991) (2.08) LIGHTED: NO |                                                                                 |                                                                                                 |                         | ASC                                             |                                     |                                                |                                                   | NA                                       |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| RNP AR 394.0 VISUAL AREA                                                    |                                                     | PENETRATED: TRANSMISSION_LINE (17-024991) (2.08) LIGHTED: NO |                                                                                 |                                                                                                 |                         | ASC                                             |                                     |                                                |                                                   | NA                                       |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| 0.1 VGS AREA                                                                |                                                     | NA                                                           |                                                                                 |                                                                                                 |                         | NA                                              |                                     |                                                |                                                   | ASC                                      |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| 0.2 VGS AREA                                                                |                                                     | NA                                                           |                                                                                 |                                                                                                 |                         | NA                                              |                                     |                                                |                                                   | ASC                                      |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| 0.3 VGS AREA                                                                |                                                     | NA                                                           |                                                                                 |                                                                                                 |                         | NA                                              |                                     |                                                |                                                   | ASC                                      |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| PRECISION APPROACH (PA)                                                     |                                                     | ILS                                                          | PAR                                                                             | GLS                                                                                             | MMLS                    |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| APPROACH WITH VERTICAL<br>GUIDANCE (APV)                                    |                                                     | LPV                                                          | LNAV/VNAV                                                                       | RNP                                                                                             | LDA WITH<br>GLIDE SLOPE |                                                 |                                     |                                                |                                                   |                                          |           |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |
| NON PRECISION APPROACH<br>(NPA)                                             |                                                     | LP                                                           | LNAV                                                                            | LOCALIZER                                                                                       | LOC BC                  | LDA                                             | VOR                                 | NDB                                            | ASR                                               | TACAN                                    | CIRCLING  |                                                  |                           |                                                                                                                                                                                                                       |                                                                                                                                   |                                                                                                      |                                                     |                                                      |  |

|                                                                                                                                                                                                       |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------|-----------|---------------|--|--|
| NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE                                                                                                                                             |                                                  |                                                             | KMDW RNAV (RNP) Y RWY 13L -<br>10/29/2026 |                                                                                  |                                                       |                                                  |                                                | CHECK CURRENT AIRPORT/FACILITY NOTAMS                             |           |               |  |  |
| FAS DATA: LPV /LP or GLS PROCEDURE TYPES ONLY                                                                                                                                                         |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
| MSA FROM: RW13L (RADIUS 25 NM)                                                                                                                                                                        | SECTOR: 360-360 (M)                              | OBSTRUCTION: BUILDING (17-000687)<br>N415244.00/W0873809.00 | BEARING (M): 050                          | DISTANCE: 7.7                                                                    | ELEV MSL: 2325.0                                      | HORZ: 50                                         | VERT: 50                                       | AC: 2D                                                            | ROC: 1000 | MIN ALT: 3400 |  |  |
|                                                                                                                                                                                                       |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
|                                                                                                                                                                                                       |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
| WX/ALTIMETER SOURCE                                                                                                                                                                                   | TYPE                                             | WX SERVICE                                                  | WX LOCATION                               | HRS OPERATION                                                                    | ALTIMETER SOURCE                                      | DISTANCE                                         | WMSCR                                          | ADJUSTMENTS                                                       |           |               |  |  |
|                                                                                                                                                                                                       | PRIMARY ALTIMETER - LOCAL                        | ASOS                                                        | MDW                                       | 24                                                                               | MDW                                                   | 0                                                | Y                                              | 0                                                                 |           |               |  |  |
|                                                                                                                                                                                                       |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
| WX REMARKS                                                                                                                                                                                            |                                                  |                                                             |                                           |                                                                                  |                                                       | ARINC CODING                                     |                                                |                                                                   |           |               |  |  |
| GLIDESLOPE ANGLE                                                                                                                                                                                      | ELEV RWY THRESHOLD                               | TCH                                                         | ELEV GS ANTENNA                           | DISTANCE FROM RWY                                                                | VGSI ANGLE                                            | TCH                                              |                                                |                                                                   |           |               |  |  |
| 3.00                                                                                                                                                                                                  | 609.1                                            | 46.0                                                        |                                           |                                                                                  | 3.00                                                  | 47 (47.3)                                        |                                                |                                                                   |           |               |  |  |
| FINAL APPROACH COURSE AIMING                                                                                                                                                                          |                                                  |                                                             |                                           |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
| RUNWAY THRESHOLD                                                                                                                                                                                      | X                                                |                                                             | FT FROM THRESHOLD                         | DISPLACED THRESHOLD DISTANCE                                                     | 463                                                   |                                                  |                                                |                                                                   |           |               |  |  |
| ON CENTERLINE                                                                                                                                                                                         | X                                                |                                                             | FT FROM CENTERLINE                        |                                                                                  |                                                       |                                                  |                                                |                                                                   |           |               |  |  |
| CRITICAL TEMPS                                                                                                                                                                                        | CRITICAL LOW: -20C                               | CRITICAL HIGH: +54C                                         | ACT: -20C                                 | APT ISA: +13.77C                                                                 | DESCENT RATE (FPM): STANDARD TEMP 963                 | DESCENT RATE (FPM): HIGH TEMP 1270               |                                                |                                                                   |           |               |  |  |
| CRITICAL TEMPERATURES REMARKS<br>AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2021-2025).<br>CRITICAL LOW TEMPERATURE BASED ON ACT.<br>DESCENT RATE (FPM): STANDARD TEMP 963 HIGH TEMP 1270. |                                                  |                                                             | 2021:<br>-6°F                             | 2022:<br>-5°F                                                                    | 2023:<br>1°F                                          | 2024:<br>-9°F                                    | 2025:<br>-6°F                                  |                                                                   |           |               |  |  |
| REMARKS                                                                                                                                                                                               | PRECIPITOUS TERRAIN<br>EVALUATION COMPLETED: YES | VDP PUBLISHED: NA RNP PROCEDURE                             | VEGETATION<br>HEIGHT: 100 FT              | AIRSPACE                                                                         | FINAL: 1600<br>2.97 NM                                | HIGH TERRAIN IN<br>FINAL: 629 (600)              | FINAL COURSE<br>(TRUE): 133.52                 | INTERMEDIATE SEGMENT<br>MULTIPLE IF LOCATIONS - SEE<br>TARGETS RS |           |               |  |  |
|                                                                                                                                                                                                       |                                                  |                                                             |                                           | RUNWAY APCH END AND DIST<br>FURTHEST FROM ARP:<br>RUNWAY 22L<br>DISTANCE 0.58 NM | RWY THLD<br>COORDINATES:<br>N414726.51<br>W0874535.42 | ARP<br>COORDINATES:<br>N414708.32<br>W0874509.82 | PFAF COORDINATES:<br>N414929.33<br>W0874828.19 |                                                                   |           |               |  |  |
|                                                                                                                                                                                                       |                                                  |                                                             |                                           | WIDTH OF SEGMENT CONTAINING 1000FT POINT: 1.20                                   |                                                       | GPA: 3.0000                                      | TCH: 46.0                                      | THRE: 609.1                                                       |           |               |  |  |
| OCS SLOPE                                                                                                                                                                                             | RNP 0.30: 22.11:1                                |                                                             | RNP 0.10: 22.15:1                         |                                                                                  | RNP 0.20: 22.13:1                                     |                                                  |                                                |                                                                   |           |               |  |  |

NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE

KMDW RNAV (RNP) Y RWY 13L -  
10/29/2026

CHECK CURRENT AIRPORT/FACILITY NOTAMS

| CONTROLLING OBSTACLES       |            |             |           |                         |                        |         |               |           |                 |    |                |        |                       |    |                      |
|-----------------------------|------------|-------------|-----------|-------------------------|------------------------|---------|---------------|-----------|-----------------|----|----------------|--------|-----------------------|----|----------------------|
| SEGMENT                     | ADJ AREA   | START POINT | END POINT | OBSTACLE TYPE           | COORDINATES            | HT AMSL | (H/V) AC      | APPL'D AC | ADJ EFF HT AMSL | MT | PRI ROC/ SLOPE | ADJ SA | ADJ PRI EQUIV HT AMSL | PR | ADJ MIN OBS ALT AMSL |
| Initial from ZABNU          | Primary    | ZABNU       | TOYUL     | TERRAIN+AAO             | 414218.00N/0880200.00W | 991     | (+215/+8) 4B  | 8         | 999             |    | 1000           |        |                       | 0  | 2000                 |
| Intermediate from TINLY     | Primary    | TINLY       | OOPLA     | TOWER (17-000002)       | 413320.00N/0875055.00W | 1330    | (+50/+50) 2D  | 50        | 1380            |    | 500            |        |                       | 0  | 2400                 |
| Intermediate from TINLY     | Primary    | OOPLA       | GIKLE     | TOWER (17-000115)       | 414458.00N/0880157.00W | 1078    | (+50/+20) 2C  | 20        | 1098            |    | 500            |        |                       | 0  | 2100                 |
| Intermediate from GIKLE     | Primary    | GIKLE       | AAMEE     | TERRAIN+AAO             | 414721.00N/0875833.00W | 981     | (+215/+8) 4B  | 8         | 989             |    | 500            |        |                       | 0  | 1800                 |
| Intermediate from GIKLE     | Primary    | AAMEE       | RUDDY     | TOWER (17-002919)       | 415033.70N/0875154.20W | 887     | (+500/+50) 5D | 50        | 937             |    | 500            |        |                       | 0  | 1600                 |
| Intermediate from GIKLE     | Primary    | RUDDY       | NAANN     | TERRAIN+AAO             | 415021.00N/0875009.00W | 840     | (+215/+8) 4B  | 8         | 848             |    | 500            |        |                       | 0  | 1400                 |
| Intermediate from PLOPP     | Primary    | PLOPP       | YUCAN     | TERRAIN+AAO             | 414324.00N/0875127.00W | 949     | (+215/+8) 4B  | 8         | 957             |    | 500            |        |                       | 0  | 1500                 |
| Intermediate from PLOPP     | Primary    | YUCAN       | SCRAT     | TERRAIN+AAO             | 414636.00N/0875636.00W | 942     | (+215/+8) 4B  | 8         | 950             |    | 500            |        |                       | 0  | 1500                 |
| Intermediate from PLOPP     | Primary    | SCRAT       | AAMEE     | TERRAIN+AAO             | 414730.00N/0875545.00W | 935     | (+215/+8) 4B  | 8         | 943             |    | 500            |        |                       | 0  | 1500                 |
| Intermediate from TOYUL     | Primary    | TOYUL       | GIKLE     | TOWER (17-000115)       | 414458.00N/0880157.00W | 1078    | (+50/+20) 2C  | 20        | 1098            |    | 500            |        |                       | 0  | 2100                 |
| Final 0.3000 NM Cat A/B/C/D | Primary    |             |           | SIGN (17-021680)        | 414827.22N/0874632.46W | 712     | (+500/+50) 5D | 50        | 762             |    |                |        |                       | NA |                      |
| Final 0.1000 NM Cat A/B/C/D | Primary    |             |           | SPIRE (17-003062)       | 414739.65N/0874607.48W | 682     | (+20/+3) 1A   | 3         | 685             |    |                |        |                       | NA |                      |
| Final 0.2000 NM Cat A/B/C/D | Primary    |             |           | WATER_TOWER (17-040358) | 414818.00N/0874620.58W | 757     | (+20/+3) 1A   | 3         | 760             |    |                |        |                       | NA |                      |
| Missed 0.1 CG/CGTA/HAT      |            |             |           | ASC                     |                        |         |               |           |                 |    |                |        |                       |    |                      |
| Missed 0.2 CG/CGTA/HAT      |            |             |           | ASC                     |                        |         |               |           |                 |    |                |        |                       |    |                      |
| Missed 0.3 CG/CGTA/HAT      |            |             |           | ASC                     |                        |         |               |           |                 |    |                |        |                       |    |                      |
| Missed Level Surface        | Primary    |             |           | TOWER (17-002211)       | 412715.00N/0874322.00W | 1290    | (+500/+50) 5D | 0         | 1290            |    | 1000           |        | 1290                  | 0  | 2300                 |
| MSA                         | MSA        |             |           | BUILDING (17-000687)    | 415244.00N/0873809.00W | 2325    | (+50/+50) 2D  | 0         | 2325            |    | 1000           |        |                       | NA | 3400                 |
| Holding EON (200KTS)        | T5:Primary | EON         | EON       | TOWER (17-001091)       | 411804.00N/0874935.00W | 1236    | (+500/+50) 5D | 0         | 1236            |    | 1000           |        | 1236                  | 0  |                      |

NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE

KMDW RNAV (RNP) Y RWY 13L -  
10/29/2026

CHECK CURRENT AIRPORT/FACILITY NOTAMS

| AIRSPACE ALTITUDES      |  |                    |  |  |                |  |                        |  |  |           |  |                       |                  |
|-------------------------|--|--------------------|--|--|----------------|--|------------------------|--|--|-----------|--|-----------------------|------------------|
| SEGMENT                 |  | START POINT        |  |  | END POINT      |  | COORDINATES            |  |  | ELEVATION |  | AIRSPACE FLOOR/BUFFER | MIN AIRSPACE ALT |
| Initial from ZABNU      |  | ZABNU              |  |  | TOYUL          |  | 414327.00N/0880618.00W |  |  | 754 (800) |  | AS1500 1200/300       | 2300             |
| Intermediate from GIKLE |  | GIKLE              |  |  | AAMEE          |  | 414721.00N/0875833.00W |  |  | 780 (800) |  | AS1000 700/300        | 1800             |
| Intermediate from GIKLE |  | AAMEE              |  |  | RUDDY          |  | 415042.00N/0875436.00W |  |  | 666 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from GIKLE |  | RUDDY              |  |  | NAANN          |  | 415021.00N/0875009.00W |  |  | 639 (600) |  | AS1000 700/300        | 1600             |
| Intermediate from TOYUL |  | TOYUL              |  |  | GIKLE          |  | 414348.00N/0880506.00W |  |  | 875 (900) |  | AS1500 1200/300       | 2400             |
| Intermediate from TOYUL |  | GIKLE              |  |  | AAMEE          |  | 414721.00N/0875833.00W |  |  | 780 (800) |  | AS1000 700/300        | 1800             |
| Intermediate from TOYUL |  | AAMEE              |  |  | RUDDY          |  | 415042.00N/0875436.00W |  |  | 666 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from TOYUL |  | RUDDY              |  |  | NAANN          |  | 415021.00N/0875009.00W |  |  | 639 (600) |  | AS1000 700/300        | 1600             |
| Intermediate from PLOPP |  | PLOPP              |  |  | YUCAN          |  | 414324.00N/0875127.00W |  |  | 748 (700) |  | AS1500 1200/300       | 2200             |
| Intermediate from PLOPP |  | YUCAN              |  |  | SCRAT          |  | 414536.00N/0875621.00W |  |  | 738 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from PLOPP |  | SCRAT              |  |  | AAMEE          |  | 414730.00N/0875554.00W |  |  | 734 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from PLOPP |  | AAMEE              |  |  | RUDDY          |  | 415042.00N/0875436.00W |  |  | 666 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from PLOPP |  | RUDDY              |  |  | NAANN          |  | 415021.00N/0875009.00W |  |  | 639 (600) |  | AS1000 700/300        | 1600             |
| Intermediate from TINLY |  | TINLY              |  |  | OOPLA          |  | 413600.00N/0875800.00W |  |  | 807 (800) |  | AS1500 1200/300       | 2300             |
| Intermediate from TINLY |  | OOPLA              |  |  | GIKLE          |  | 414351.00N/0880442.00W |  |  | 872 (900) |  | AS1500 1200/300       | 2400             |
| Intermediate from TINLY |  | GIKLE              |  |  | AAMEE          |  | 414721.00N/0875833.00W |  |  | 780 (800) |  | AS1000 700/300        | 1800             |
| Intermediate from TINLY |  | AAMEE              |  |  | RUDDY          |  | 415042.00N/0875436.00W |  |  | 666 (700) |  | AS1000 700/300        | 1700             |
| Intermediate from TINLY |  | RUDDY              |  |  | NAANN          |  | 415021.00N/0875009.00W |  |  | 639 (600) |  | AS1000 700/300        | 1600             |
| Final                   |  | NAANN              |  |  | KMDW:RW13L:AER |  | 414836.00N/0874615.00W |  |  | 629 (600) |  |                       |                  |
| Missed                  |  | Missed             |  |  | EON            |  | 412448.00N/0874600.00W |  |  | 836 (800) |  | AS1500 1200/300       | 2300             |
| Holding                 |  | EON_MISSED_HOLDING |  |  |                |  | 412448.00N/0874600.00W |  |  | 836 (800) |  | AS1500 1200/300       | 2300             |

| RF SEGMENT     | ALT  | KIAS | KTAS   | HAA     | VKTW              | TR   | BA    | DTA  | COURSE CHG | DVEB | VEB OCS | RF CENTER/DISTANCE |
|----------------|------|------|--------|---------|-------------------|------|-------|------|------------|------|---------|--------------------|
| AAMEE to RUDDY | 2000 | 180  | 190.21 | 1380.20 | 38.93 (2019-2023) | 3.01 | 14.26 | 0.00 | 0.00       |      |         | (CFLRP)/3.27NM     |
| OOPLA to GIKLE | 4000 | 250  | 272.30 | 3380.20 | 48.78 (2019-2023) | 4.21 | 19.62 | 0.00 | 0.00       |      |         | (CFMLL)/7.11NM     |
| RUDDY to NAANN | 2000 | 180  | 190.21 | 1380.20 | 26.98 (2019-2023) | 5.12 | 7.65  | 0.00 | 0.00       |      |         | (CFLJJ)/1.64NM     |
| SCRAT to AAMEE | 2839 | 180  | 192.63 | 2219.44 | 47.28 (2019-2023) | 1.94 | 23.42 | 0.00 | 0.00       |      |         | (CFLTP)/3.36NM     |

Note: If alt - aptelev <= 2000, VKtw = 30

RNAV (RNP) Y RWY 13L - ADJUSTED

NOTE: ALL HEADINGS ARE MAGNETIC UNLESS IDENTIFIED AS TRUE

KMDW RNAV (RNP) Y RWY 13L -  
10/29/2026

CHECK CURRENT AIRPORT/FACILITY NOTAMS

| TF SEGMENT                | ALT  | KIAS | KTAS   | HAA     | VKTW              | TR    | BA    | DTA  | COURSE CHG | DVEB    | VEB OCS | RF CENTER/DISTANCE |
|---------------------------|------|------|--------|---------|-------------------|-------|-------|------|------------|---------|---------|--------------------|
| GIKLE                     | 2500 | 250  | 266.18 | 1880.20 | 44.14 (2019-2023) | 10.64 | 7.52  | 1.40 | 15.03      |         |         |                    |
| NAANN<br>(0.1_A_B_C_D)    | 1600 | 165  | 173.32 | 980.20  | 26.98 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       | 2693.21 | 22.15:1 |                    |
| NAANN<br>(0.2_A_B_C_D)    | 1600 | 165  | 173.32 | 980.20  | 26.98 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       | 3289.08 | 22.13:1 |                    |
| NAANN<br>(0.3_A_B_C_D)    | 1600 | 165  | 173.32 | 980.20  | 26.98 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       | 4107.20 | 22.11:1 |                    |
| PLOPP                     | 4131 | 210  | 229.18 | 3511.23 | 48.80 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       |         |         |                    |
| PLOPP (90° ATC<br>VECTOR) | 4131 | 210  | 229.18 | 3511.23 | 48.80 (2019-2023) | 2.36  | 25.49 | 2.36 | 90.00      |         |         |                    |
| TINLY                     | 6570 | 250  | 283.26 | 5950.48 | 46.34 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       |         |         |                    |
| TINLY (90° ATC<br>VECTOR) | 6570 | 250  | 283.26 | 5950.48 | 46.34 (2019-2023) | 3.32  | 25.49 | 3.32 | 90.00      |         |         |                    |
| TOYUL                     | 3000 | 250  | 268.20 | 2380.20 | 47.66 (2019-2023) | 15.49 | 5.36  | 1.45 | 10.73      |         |         |                    |
| TOYUL (90° ATC<br>VECTOR) | 3000 | 250  | 268.20 | 2380.20 | 48.02 (2019-2023) | 3.06  | 25.49 | 3.06 | 90.00      |         |         |                    |
| YUCAN                     | 3263 | 210  | 226.18 | 2643.22 | 32.88 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       |         |         |                    |
| ZABNU                     | 4000 | 250  | 272.30 | 3380.20 | 47.43 (2019-2023) | 0.00  | 0.00  | 0.00 | 0.00       |         |         |                    |
| ZABNU (90° ATC<br>VECTOR) | 4000 | 250  | 272.30 | 3380.20 | 47.43 (2019-2023) | 3.12  | 25.49 | 3.12 | 90.00      |         |         |                    |

Note: If alt - aptelev <= 2000, VKTW = 30

VG/NVG SURVEY EQUIVALENTS

|     |                                              |
|-----|----------------------------------------------|
| VG  | ANAPC/LPV, PIR                               |
| NVG | (NO SURVEY), D, AV, BV, ANP, C, SUPLC, ADAMS |