

**FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 ILS STANDARD INSTRUMENT APPROACH PROCEDURE
 TITLE 14 CFR PART 97.29**

Bearings, headings, courses, tracks 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 feet RVR.

| | | | | | | |
|---------------------------------|---|---|---|----------------------------|----------------------|---------------------------|
| <u>AIRPORT ID</u> KMDW | <u>PROCEDURE NAME</u> ILS OR LOC RWY 31C | <u>ORIGINAL/AMENDMENT</u> 3A | <u>CITY</u> CHICAGO | <u>STATE</u> IL | | |
| <u>AIRPORT ELEVATION</u> 620 | <u>TDZE</u> 613 | <u>SUPERSEDED</u> ILS OR LOC/DME RWY 31C | <u>ORIGINAL/AMENDMENT</u> 3 | <u>DATED</u> 07/24/2014 | <u>MAG VAR</u> 4W | <u>EPOCH YEAR</u> 2015 |
| <u>FACILITY</u> I-MXT | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>CANCEL/SUSPEND</u> | | |

TERMINAL ROUTES [THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 23-09.](#)

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---------------------|----------|---------------------|----------|----------|-------|-----|--------|--------------|----------|
| HILLS INT/14.59 DME | IAF | GLEAM INT/11.45 DME | | | | | 317.57 | 3.14 (I-MXT) | 4000 |
| GLEAM INT/11.45 DME | IF | RUNTS/6.74 DME | | | | | 317.57 | 4.71 (I-MXT) | 2500 |
| RUNTS/6.74 DME | | HOBEL/4.23 DME | | | | | 317.57 | 2.51 (I-MXT) | 1700 |

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-MXT 0.97 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100, THEN CLIMBING LEFT TURN TO 2100 ON HEADING 150 AND ON EON VORTAC R-001 UNTIL CROSSING IGECY INT/EON 19.95 DME, THEN CLIMB TO 2600 TO EON VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1100, THEN CLIMBING LEFT TURN TO 2300 DIRECT CGT VORTAC AND HOLD.

PROFILE:


1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT HILLS
3. FAC: 317.57 FAF: HOBEL/4.23 DME DIST FAF TO MAP: DIST FAF TO THLD: 3.27
4. MIN ALT: HILLS INT/14.59 DME 5000, GLEAM INT/11.45 DME 4000, RUNTS/6.74 DME 2500, HOBEL/4.23 DME 1700
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 900
6. MIN GS INCPT: 1700 GS ALT AT PFAF: HOBEL/4.23 DME 1700 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 47.9
8. MSA FROM: CGT VORTAC 090-270 2800, 270-090 3400



EQUIPMENT REQUIREMENTS NOTE:

DME AND RADAR REQUIRED.

NOTES:

CHART NOTE: CIRCLING RWY 31R NA AT NIGHT. 
 CHART NOTE: RWY 31C HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART SPEED ICON IN PLANVIEW AT HILLS: MAX 240 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART MANDATORY 5000 AT HILLS.
 CHART MANDATORY 2100 AT IGECY.
 HOLD N, RT, 181.00 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW CGT VORTAC, RT, 043.93 INBOUND.
 CHART FAS OBST: 760 TOWER (17-084439) 414519N/0874206W.
 CHART 838 TOWER 414415N/0874201W.
 CHART VDP AT 2.04 DME.
 DISTANCE VDP TO THLD 1.08 NM.
 CHART IN PLANVIEW: CGT VORTAC.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/4

| CATEGORY: | A | | | B | | | C | | | D | | | E | | |
|-----------|--------|------|---------|--------|------|---------|--------|------|---------|--------|-------|---------|--------|-----|---------|
| | 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 |
| S-ILS 31C | 863 | 4000 | 250 | 863 | 4000 | 250 | 863 | 4000 | 250 | 863 | 4000 | 250 | | | |
| S-LOC 31C | 1020 | 5500 | 407 | 1020 | 5500 | 407 | 1020 | 6000 | 407 | 1020 | 6000 | 407 | | | |
| CIRCLING | 1120 | 1 | 500 | 1120 | 1 | 500 | 1340 | 2 | 720 | 1340 | 2 1/4 | 720 | | | |

CHANGES - REASONS

1. CHANGED PROCEDURE NAME FROM ILS OR LOC/DME RWY 31C TO ILS OR LOC RWY 31C - PER 19I NAMING CONVENTION.
2. CHANGED NOTE FROM NIGHT LANDING: RWY 31R NA TO READ CIRCLING RWY 31R NA AT NIGHT - PER 19I.
3. ADDED CHART SPEED ICON IN PLANVIEW AT HILLS: MAX 240 KIAS - ATC/FPT REQUEST TO LINK WITH STAR.
4. CHANGED NOTE FROM NIGHT LANDING: RWY 31R NA TO READ CIRCLING RWY 31R NA AT NIGHT - PER 19I.
5. ADDED NOTE RWY 31C HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED - 34:1 PENS EXIST.
6. CHANGED VDP DISTANCE FROM 2.05 DME TO 2.04 DME - PER UPDATED CALCULATION.
7. REMOVED PLANVIEW NOTE: RADAR REQUIRED, REPLACED WITH EQUIPMENT REQUIREMENTS NOTE DME AND RADAR REQUIRED - PER 19I/PROCEDURE NAME REMOVED DME.
8. REMOVED ASTERISK LOC ONLY AND ASTERISK AT VDP FROM PROFILE VIEW - PER 19I.

3/14/23. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 1/19/23.

1. CHANGED NOTE FROM "CIRCLING RWY 31C NA AT NIGHT" TO READ "CIRCLING RWY 31R NA AT NIGHT".



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, ORD APP CON, MDW ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

DATE

Digitally signed by
JASON KRETSCHMER

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG

OFFICE

AJV-A423

DATE

12/22/2022

Mar 14, 2023

APPROVED BY

ALLAN WILL

Mar 14, 2023
Digitally signed by
JASON KRETSCHMER

OFFICE

AJV-A423

DATE

TITLE
MANAGER

