

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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.

|                                 |   |   |   |                           |
|---------------------------------|---|---|---|---------------------------|
| <b>AIRPORT ID</b><br>ORD        | <b>PROCEDURE NAME</b><br>RNAV (GPS) Y RWY 28L | <b>ORIGINAL/AMENDMENT</b><br>ORIG-B       | <b>CITY</b><br>CHICAGO                    | <b>STATE</b><br>IL        |
| <b>AIRPORT ELEVATION</b><br>680 | <b>TDZE</b><br>667                            | <b>SUPERSEDED</b><br>RNAV (GPS) Y RWY 28L | <b>DATED</b><br>09/13/2018                | <b>MAG VAR</b><br>3W      |
| <b>FACILITY</b><br>RNAV         | <b>COORDINATES OF FACILITIES</b>              | <b>ACTUAL EFFECTIVE DATE</b>              | <b>REQUIRED EFFECTIVE DATE</b><br>ROUTINE | <b>EPOCH YEAR</b><br>2010 |
|                                 |   |   | <b>CANCEL/SUSPEND</b>                     |                           |

**TERMINAL ROUTES**

| FROM     | FIX TYPE | TO         | FIX TYPE | LEG TYPE | FO/FB | RNP  | COURSE | DISTANCE | ALTITUDE |
|----------|----------|------------|----------|----------|-------|------|--------|----------|----------|
| VOGLR    | IAF      | SYNTH      |          | TF       | FB    | 1.00 | 271.65 | 17.19    | 9000     |
| SYNTH    |          | TAGPE      |          | TF       | FB    | 1.00 | 275.76 | 3.14     | 8000     |
| TAGPE    |          | UCXOR      |          | TF       | FB    | 1.00 | 275.71 | 3.14     | 7000     |
| UCXOR    |          | VIOLS      |          | TF       | FB    | 1.00 | 275.67 | 3.14     | 6000     |
| VIOLS    |          | WODRO      |          | TF       | FB    | 1.00 | 275.52 | 3.14     | 5000     |
| WODRO    | IF       | XOGDY      |          | TF       | FB    | 1.00 | 275.59 | 3.14     | 4000     |
| XOGDY    |          | YOYUK      |          | TF       | FB    | 1.00 | 275.55 | 6.43     | 2200     |
| YOYUK    | FAF      | RW28L      | MAP      | TF       | FO    | 0.30 | 275.22 | 4.67     |          |
| RW28L    | MAP      | 1200 MSL   |          | CA       |       |      | 275.22 |          | 1200     |
| 1200 MSL |          | CGT VORTAC |          | DF       | FO    | 1.00 |        |          | 4000     |

**MISSED APPROACH**

**MAP:**

LNAV: RW28L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 4000 DIRECT CGT VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT SYNTH
- FAC: 275.22 FAF: YOYUK DIST FAF TO MAP: 4.67 DIST FAF TO THLD: 4.67
- MIN ALT: SYNTH 9000, TAGPE 8000, UCXOR 7000, VIOLS 6000, WODRO 5000, XOGDY 4000, YOYUK 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW28L 3400



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**ADDITIONAL FLIGHT DATA:**

YOYUK TO RW28L 3.00/55  
 HOLD SE, RT, 336.00 INBOUND.  
 CHART FAS OBST: 807 TOWER (17-002252) 415719N/0875153W.  
 CHART 978 TOWER (17-003878) 415716N/0874809W.  
 CHART VDP AT 1.09 NM TO RW28L.  
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.27 DEGREES.

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD

| <b>CATEGORY:</b>  | <b>A</b>      |            |                | <b>B</b>      |            |                | <b>C</b>      |            |                | <b>D</b>      |            |                | <b>E</b>      |            |                |
|-------------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|
| <b>FINAL TYPE</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> | <b>DA/MDA</b> | <b>VIS</b> | <b>HAT/HAA</b> |
| LNAV MDA          | 1060          | 2400       | 393            | 1060          | 2400       | 393            | 1060          | 3500       | 393            | 1060          | 3500       | 393            |               |            |                |

**CHANGES - REASONS**

1. TERMINAL ROUTES: CHANGED ROUTES FROM "YOYUK TO CFDZQ" TO "YOYUK TO RW28L" AND COURSE FROM "275.45" TO "275.22" – IAW 8260.58D 3-2-2 A.
2. TERMINAL ROUTES: CHANGED ROUTE FROM "CFDZQ TO 1200 MSL" TO RW28L TO 1200 MSL" AND COURSE FROM "275.45" TO "275.22" - IAW 8260.58D 3-2-2 A.
3. MISSED APPROACH MAP: REMOVED "LPV:DA", "LNAV/VNAV: DA" AND CHANGED LNAV FROM "CFDZQ" TO "RW28L" – LPV AND LNAV/VNAV REMOVED FROM APPROACH AND LNAV HAS NEW MAP.
4. PROFILE LINE 3: FAC CHANGED FROM "275.45" TO "275.22" – MAP CHANGED FROM CFDZQ TO RWY THRESHOLD.
5. PROFILE LINE 5: REMOVED "250 HAT: 0.57" – LPV AND LNAV/VNAV REMOVED FROM APPROACH.
6. PROFILE LINE 6: REMOVED MIN GP INCPT: "2200" AND GP ALT AT FAF: "YOYUK 2200" - LPV AND LNAV/VNAV REMOVED FROM APPROACH.
7. PROFILE LINE 7: REMOVED GP ANGLE: "3.00" AND TCH: "55.0" – LPV AND LNAV/VNAV REMOVED.
8. PROFILE LINE 8: CHANGED MSA FROM "(CFDZQ) 3400" TO "RW28L 3400" – IAW 8260.19K 8-6-7H(1).
9. PBN EQUIPMENT REQUIREMENTS NOTES: CHANGED FROM "RNP APCH" TO "RNP APCH – GPS" – IAW 8260.19K 8-6-8.
10. NOTES: REMOVED "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED", "CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS", "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C OR ABOVE 54C" AND "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" – IAW 8260.16K 8-6-12 O(8)(C), LPV AND LNAV/VNAV REMOVED FROM APPROACH.
11. ADDITIONAL FLIGHT DATA: REMOVED "DISTANCE TO THLD FROM 250 HAT: 0.57 NM", "FTP HAE: 167 M", "WAAS CHANNEL #93839" AND "REFERENCE PATH ID: W28E" - LPV AND LNAV/VNAV REMOVED FROM APPROACH.
12. ADDITIONAL FLIGHT DATA: CHANGED CHART PLANVIEW NOTE FROM "FINAL APPROACH COURSE OFFSET 2.50 DEGREES" TO "FINAL APPROACH COURSE OFFSET 2.27 DEGREES", "CHART VDP AT 1.09 NM TO (CFDZQ)" TO "CHART VDP AT 1.09 NM TO RW28L" AND REMOVED "FAC CROSSES RWY C/L EXTENDED 2563 FT FROM THLD" - MAP CHANGED FROM CFDZQ TO RWY THRESHOLD.
13. ADDITIONAL FLIGHT DATA: REMOVED "LNAV ONLY" - NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS DATA FROM "807 TOWER 415719N/0875153W" TO "807 TOWER (17-002252) 415719N/0875153W" AND CHART FROM "978 TOWER 415716N/0874809W" TO "978 TOWER (17-003878) 415716N/0874809W" – IAW 8260.19K 8-6-11 C.
15. ADDITIONAL FLIGHT DATA: ADDED "YOYUK TO RW28L 3.00/55" – IAW 8260.19K 8-6-11 O.
16. MINIMUMS: REMOVED FINAL TYPE "LPV DA" AND "LNAV/VNAV DA" – PER FC DUE TO GPS INTERFERENCE THE LPV AND LNAV/VNAV LINES OF MINIMA NA.
17. FAS DATA BLOCK INFORMATION: ALL DATA REMOVED – LPV REMOVED FROM APPROACH.



**AIRPORT ID**  
ORD

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 28L

**ORIGINAL/AMENDMENT**  
ORIG-B

**CITY**  
CHICAGO

**STATE**  
IL

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**

**OTHER:** ZAU, CHICAGO APP CON, ORD ATCT, AMGR.

**FLIGHT CHECKED BY**  
SHAWN DOUGLAS MAXWELL

**OFFICE**  
FIOG

**DATE**  
06/23/2018

**DEVELOPED BY**  
RAKE MCGRAW (EMMANUEL R. GONZALES)

**OFFICE**  
AJV-A422

**DATE**  
09/29/2025

**APPROVED BY**  
RAKE MCGRAW

**OFFICE**  
AJV-A442

**DATE**

**TITLE**  
MANAGER



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

|                          |   |                           |                        |                    |                                 |                         |
|--------------------------|---|---------------------------|------------------------|--------------------|---------------------------------|-------------------------|
| <u>AIRPORT ID</u><br>ORD | <u>PROCEDURE NAME</u><br>RNAV (GPS) Y RWY 28L | <u>AMDT NO.</u><br>ORIG-B | <u>CITY</u><br>CHICAGO | <u>STATE</u><br>IL | <u>AIRPORT ELEVATION</u><br>680 | <u>FACILITY</u><br>RNAV |
|--------------------------|---|---------------------------|------------------------|--------------------|---------------------------------|-------------------------|

**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

**FROM** VOGLR **TO** SYNTH

RNP 1.00 DISTANCE 17.19 PAT MAP HAT HMAS

| OBSTRUCTION | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| 208' SHIP   | 415930.00N/0871700.00W | 787       | 50   | 20   | 2C | 1000 |     |    |      | AT7213      | 9000    |
| TERRAIN     | 415239.00N/0870003.00W | 580 (600) |      |      |    |      |     |    |      | AS1500      | 2100    |

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

**FROM** SYNTH **TO** TAGPE

RNP 1.00 DISTANCE 3.14 PAT MAP HAT HMAS

| OBSTRUCTION | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| 208' SHIP   | 415830.00N/0872100.00W | 787       | 50   | 20   | 2C | 1000 |     |    |      | AT6213      | 8000    |
| TERRAIN     | 415619.88N/0872014.61W | 577 (600) |      |      |    |      |     |    |      | AS1500      | 2100    |

**COMPUTATIONS**

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORD

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RNAV (GPS) Y RWY 28L

**AMDT NO.**  
ORIG-B

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CHICAGO

**STATE**  
IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**INITIAL: STEPDOWN**

**FROM** TAGPE **TO** UCXOR

**RNP** 1.00 **DISTANCE** 3.14 **PAT** **MAP** **HAT** **HMAS**

| <b>OBSTRUCTION</b> | <b>COORDINATES</b>     | <b>ELEV MSL</b> | <b>HORZ</b> | <b>VERT</b> | <b>AC</b> | <b>ROC</b> | <b>OCS</b> | <b>CG</b> | <b>CGTA</b> | <b>ADJUSTMENTS</b> | <b>MIN ALT</b> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| 208' SHIP          | 415830.00N/0872530.00W | 787             | 50          | 20          | 2C        | 1000       |            |           |             | AT5213             | 7000           |
| TERRAIN            | 415628.80N/0872426.71W | 577 (600)       |             |             |           |            |            |           |             | AS1500             | 2100           |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INITIAL: STEPDOWN**

**FROM** UCXOR **TO** VIOLS

**RNP** 1.00 **DISTANCE** 3.14 **PAT** **MAP** **HAT** **HMAS**

| <b>OBSTRUCTION</b> | <b>COORDINATES</b>     | <b>ELEV MSL</b> | <b>HORZ</b> | <b>VERT</b> | <b>AC</b> | <b>ROC</b> | <b>OCS</b> | <b>CG</b> | <b>CGTA</b> | <b>ADJUSTMENTS</b> | <b>MIN ALT</b> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| 208' SHIP          | 415830.00N/0872930.00W | 787             | 50          | 20          | 2C        | 1000       |            |           |             | AT4213             | 6000           |
| TERRAIN            | 415442.00N/0873000.00W | 577 (600)       |             |             |           |            |            |           |             | AS1500             | 2100           |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORD

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 28L

**AMDT NO.**  
ORIG-B

**CITY**  
CHICAGO

**STATE**  
IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**INITIAL: STEPDOWN**

**FROM** VIOLS **TO** WODRO

**RNP** 1.00 **DISTANCE** 3.14 **PAT** **MAP** **HAT** **HMAS**

| OBSTRUCTION | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
| 208' SHIP   | 415830.00N/0872930.00W | 787       | 50   | 20   | 2C | 1000 |     |    |      | AT3213      | 5000    |
| TERRAIN     | 415646.03N/0873250.98W | 574 (600) |      |      |    |      |     |    |      | AS1500      | 2100    |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM** WODRO **TO** XOGDY

**RNP** 1.00 **DISTANCE** 3.14 **PAT** **MAP** **HAT** **HMAS**

| OBSTRUCTION      | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS   | MIN ALT |
|------------------|------------------------|-----------|------|------|----|-----|-----|----|------|---------------|---------|
| BLDG (17-000780) | 415355.62N/0873722.24W | 2099      | 50   | 3    | 2A | 500 |     |    |      | AT1893 SA-492 | 4000    |
| TERRAIN          | 415751.00N/0873833.00W | 620 (600) |      |      |    |     |     |    |      | AS1500        | 2100    |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
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RNAV (GPS) Y RWY 28L

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IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**INTERMEDIATE: STEPDOWN**

**FROM**  
XOGDY **TO**  
YOYUK

**RNP** 1.00 **DISTANCE** 6.43 **PAT** **MAP** **HAT** **HMAS**

| <b>OBSTRUCTION</b> | <b>COORDINATES</b>     | <b>ELEV MSL</b> | <b>HORZ</b> | <b>VERT</b> | <b>AC</b> | <b>ROC</b> | <b>OCS</b> | <b>CG</b> | <b>CGTA</b> | <b>ADJUSTMENTS</b> | <b>MIN ALT</b> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| BLDG (17-001415)   | 415714.00N/0873847.00W | 1267            | 100         | 20          | 3C        | 500        |            |           |             | AT433              | 2200           |
| TERRAIN            | 415630.00N/0874742.00W | 646 (600)       |             |             |           |            |            |           |             | AS1500             | 2100           |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**FINAL: LNAV**

**FROM**  
YOYUK **TO**  
RW28L

**RNP** 0.30 **DISTANCE** 4.67 **PAT** **MAP** RW28L **HAT** 393 **HMAS**

| <b>OBSTRUCTION</b> | <b>COORDINATES</b>     | <b>ELEV MSL</b> | <b>HORZ</b> | <b>VERT</b> | <b>AC</b> | <b>ROC</b> | <b>OCS</b> | <b>CG</b> | <b>CGTA</b> | <b>ADJUSTMENTS</b> | <b>MIN ALT</b> |
|--------------------|------------------------|-----------------|-------------|-------------|-----------|------------|------------|-----------|-------------|--------------------|----------------|
| TOWER (17-002252)  | 415719.06N/0875152.57W | 807             | 20          | 10          | 1B        | 250        |            |           |             |                    | 1060           |

**COMPUTATIONS**

**ALT** **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
ORD

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 28L

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IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM**  
RW28L **TO**  
CGT VORTAC

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
960

| OBSTRUCTION       | COORDINATES            | ELEV MSL  | HORZ | VERT | AC | ROC  | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|-------------------|------------------------|-----------|------|------|----|------|-----|----|------|-------------|---------|
|                   |                        |           |      |      |    |      | ASC |    |      |             | 4000    |
| TOWER (17-000006) | 415540.04N/0880024.93W | 1185      | 20   | 10   | 1B | 1000 |     |    |      |             | 2200    |
| TERRAIN           | 414921.00N/0875833.00W | 774 (800) |      |      |    |      |     |    |      | AS1500      | 2300    |

**COMPUTATIONS**

**ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**CIRCLING**  ALL CATS  CAT A  CAT B  CAT C  CAT D  CAT E  NOT AUTHORIZED

**MSA**

**CENTER** RW28L **RADIUS** 25

| SECTOR  | OBSTRUCTION      | COORDINATES            | BEARING | DISTANCE | ELEV MSL | HORZ | VERT | AC | ROC  | OCS | ADJUSTMENTS | MIN ALT |
|---------|------------------|------------------------|---------|----------|----------|------|------|----|------|-----|-------------|---------|
| 360-360 | BLDG (17-000687) | 415244.00N/0873809.00W | 115     | 12.7     | 2325     | 50   | 50   | 2D | 1000 |     |             | 3400    |

**MSA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ORD TOWER, CHICAGO APP CON, ZAU ARTCC

|                           |                        |                            |                                |                 |                   |                         |
|---------------------------|------------------------|----------------------------|--------------------------------|-----------------|-------------------|-------------------------|
| <b>WX SERVICE</b><br>ASOS | <b>LOCATION</b><br>ORD | <b>HRS OPERATION</b><br>24 | <b>ALTIMETER SOURCE</b><br>ORD | <b>DISTANCE</b> | <b>WMSCR</b><br>Y | <b>ADJUSTMENTS</b><br>0 |
| <b>BACK-UP WX SERVICE</b> | <b>LOCATION</b>        | <b>HRS OPERATION</b>       | <b>ALTIMETER SOURCE</b>        | <b>DISTANCE</b> | <b>WMSCR</b>      | <b>ADJUSTMENTS</b>      |

**WX REMARKS:**

BACKUP ALTIMETER SOURCE NOT UTILIZED. KORD HAS REDUNDANT WEATHER SOURCING.



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**CITY**  
CHICAGO

**STATE**  
IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**PRIMARY NAVAID**

**MONITOR POINT**

**HRS OPERATION**

**CAT**

| <b><u>APPROACH AND RUNWAY LIGHTING SYSTEM</u></b> | <b><u>RUNWAY MARKINGS</u></b> | <b><u>RUNWAY VISUAL RANGE</u></b> |
|---|-------------------------------|-----------------------------------|
| 01H   | BSC-G                         |                                   |
| RW09C - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4L        | PIR-F                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW27C - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L        | PIR-F                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW04L - HIRL, C/LINE                              | PIR-G                         | APPROACH, ROLL OUT                |
| RW04R - MALSR, C/LINE, TDZ, HIRL, PAPI-4R         | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW09L - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW09R - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW10L - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW10C - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW10R - ALSF-2, TDZ, C/LINE, HIRL                 | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW22L - MALSR, HIRL, C/LINE, TDZ, PAPI-4L         | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW22R - MALSR, TDZ, C/LINE, HIRL, PAPI-4L         | PIR-G                         | APPROACH, ROLL OUT                |
| RW27L - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4R        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW27R - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4R        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW28L - ALSF-2, TDZ, C/LINE, HIRL                 | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW28C - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |
| RW28R - ALSF-2, TDZ, C/LINE, HIRL, PAPI-4L        | PIR-G                         | APPROACH, MIDPOINT, ROLL OUT      |

**GLIDESLOPE ANGLE**

**ELEV RWY THRESHOLD**

**TCH**

**ELEV GS ANTENNA**

**DISTANCE FROM RWY**

**VGSI ANGLE**

**TCH**

**FINAL APPROACH COURSE AIMING**

RUNWAY THRESHOLD

FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

FT FROM CENTERLINE

**CRITICAL TEMPERATURES**

**CRITICAL LOW**

**CRITICAL HIGH**

**ACT**

**APT ISA**

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**



**AIRPORT ID**  
ORD

**PROCEDURE NAME**  
RNAV (GPS) Y RWY 28L

**AMDT NO.**  
ORIG-B

**CITY**  
CHICAGO

**STATE**  
IL

**AIRPORT ELEVATION**  
680

**FACILITY**  
RNAV

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CIRCLING/FEEDER/TAA NOT DEVELOPED PER ATC.

100' VEGETATION AND 208' SHIP MATCHES STRAIGHT IN PROCEDURE.(RNAV (GPS) Z RWY 28L).

ORDER 8260.3 CHAPTER 2 APPLIED TO 978 TOWER (17-003878) 415716.33N/0874809.21W.

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

|                        |       |  |        |
|------------------------|-------|--|--------|
| <b>DISTANCE FROM</b>   | THLD  | <b>TO 1000FT POINT</b>                 | 3.00   |
| <b>WIDTH OF</b>        | FINAL | <b>SEGMENT AT 1000FT POINT</b>         | 1.20   |
| <b>TRUE COURSE OF</b>  | FINAL | <b>SEGMENT CONTAINING 1000FT POINT</b> | 272.22 |
| <b>HIGH TERRAIN IN</b> | FINAL | <b>SEGMENT CONTAINING 1000FT POINT</b> | 700    |
| <b>DISTANCE FROM</b>   | THLD  | <b>TO 1500FT POINT</b>                 | 4.67   |
| <b>WIDTH OF</b>        | FINAL | <b>SEGMENT AT 1500FT POINT</b>         | 2.13   |
| <b>TRUE COURSE OF</b>  | FINAL | <b>SEGMENT CONTAINING 1500FT POINT</b> | 272.22 |
| <b>HIGH TERRAIN IN</b> | FINAL | <b>SEGMENT CONTAINING 1500FT POINT</b> | 700    |

**THRESHOLD COORDINATES (IF STR-IN)**

415726.09N/0875401.04W

**ARP COORDINATES**

415836.99N/0875429.34W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 9L DISTANCE 1.76 NM

**FAF COORDINATES**

415715.38N/0874745.81W

**FIX NAME COORDINATES**

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED.  
FINAL OFFSET 2.27.

**PART E: PREPARED BY**

**NAME**

RAKE MCGRAW (EMMANUEL R. GONZALES)

**OFFICE**

AJV-A422

**DATE**

09/29/2025

**TITLE**

AERONAUTICAL INFORMATION SPECIALIST

