| Flight Procedure Tracking Form | Action: FLIGHT CHECK | Task Type: SID | Date Open: 01/31/2012 | Task #: 2012013124994401001 | Request #: 20120131249944 |
|---|---|---|---|---|---|
| Procedure: SID ACITO (RNAV) ONE CHICAGO IL KORD | | Airport ID: KORD | Airport: CHICAGO O'HARE INTL | | Reimbursable #: |
| City: CHICAGO | ST: IL | GPS #: | | Estimated Chart Date: 01/10/2013 | FICO #: |
| Fac ID: | Fac. Type: Proc D | Specialist: BEV L BORDY | | | |

## Procedure Review

| | Rec'd | Rel'd | Full Name | Comments |
|---|---|---|---|---|
| Lead: | 05/22/2012 | 09/19/2012 | JILL OLSON | |
| QA: | 08/23/2012 | | | |
| Liaison: | | | Spurlin | APPROVAL REQUEST - WAIVER |

P1

**Procedure Comments:** ENROUTE **Remark Type:** INFORMATION

pg 1 of 5

CHICAGO, IL CHICAGO O'HARE INTL (KORD) ACITO ONE (RNAV) (SID) ENROUTE-YES FC: 11.13.12 PUB: 1.10.13

ATTACHED FORMS: 8260-15B; 8260-15C; 8260-2(S): ACITO, REV 1; ADELL, REV 1; AHLOU, ORIG; AKMIE, ORIG; ARLYN, REV 1.

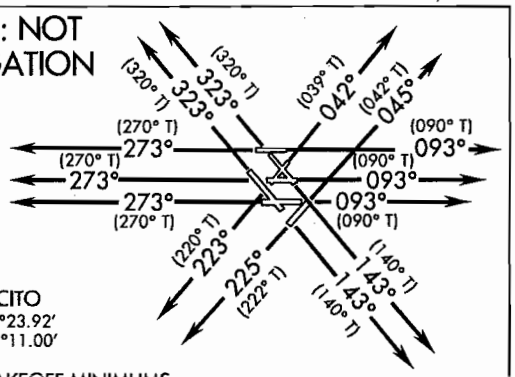
CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

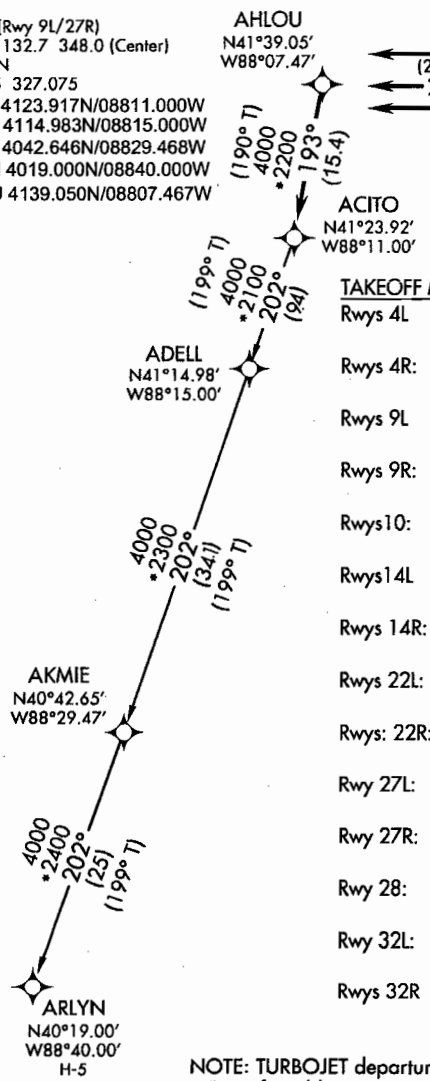
# ACITO ONE DEPARTURE

CHICAGO O'HARE INTL (ORD)
CHICAGO, ILLINOIS

ATIS
135.4 282.255
GND CON
121.75 (Outbound) 226.675
TOWER
128.15 (Rwy 9L/27R)
120.75 132.7 348.0 (Center)
DEP CON
126.625 327.075
ACITO 4123.917N/08811.000W
ADELL 4114.983N/08815.000W
AKMIE 4042.646N/08829.468W
ARLYN 4019.000N/08840.000W
AHLOU 4139.050N/08807.467W

PROTOTYPE: NOT FOR NAVIGATION




TAKEOFF MINIMUMS:

| | |
|---|---|
| Rwys 4L | Standard with minimum climb of 547' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 4R: | Standard with minimum climb of 690' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 9L | Standard with minimum climb of 570' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 9R: | Standard with minimum climb of 541' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys10: | Standard with minimum climb of 672' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys14L | Standard with minimum climb of 547' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 14R: | Standard with minimum climb of 670' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 22L: | Standard with minimum climb of 807' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys: 22R: | Standard with minimum climb of 521' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwy 27L: | Standard with minimum climb of 532' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwy 27R: | Standard with minimum climb of 631' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwy 28: | Standard with minimum climb of 685' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwy 32L: | Standard with minimum climb of 631' per NM to 3000, then minimum climb of 350' to 4000. |
| Rwys 32R | Standard with minimum climb of 587' per NM to 3000, then minimum climb of 350' to 4000 |

NOTE: TURBOJET departures maintain 250 KIAS until advised by ATC.
NOTE: If unable to accept climb gradient, advise ATC as soon as possible prior to departure.
NOTE: DME/DME/IRU or GPS Required.
NOTE: RNAV 1
NOTE: RADAR Required
NOTE: ABASH TRANSITION: For aircraft inbound to BMI, SPI or PIA, or as assigned by ATC.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

# ACITO ONE DEPARTURE (RNAV)

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF Rwy 4L: Climb heading 042° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence. . .
TAKEOFF Rwy 4R: Climb heading 045° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 9L: Climb heading 093° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 9R: Climb heading 093° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 10: Climb heading 093° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 14L: Climb heading 143° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence. .
TAKEOFF Rwy 14R: Climb heading 143° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence. .
TAKEOFF Rwy 22L: Climb heading 225° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 22R: Climb heading 225° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 27L: Climb heading 273° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 27R: Climb heading 273° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 28: Climb heading 273° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence ...
TAKEOFF Rwy 32L: Climb heading 323° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...
TAKEOFF Rwy 32R: Climb heading 323° or as assigned by ATC to 1180, expect vectors to AHLOU. Thence...

. . . on track 193° to ACITO. Then on (transition). Maintain 5000. Expect filed altitude within 10 minutes after departure.

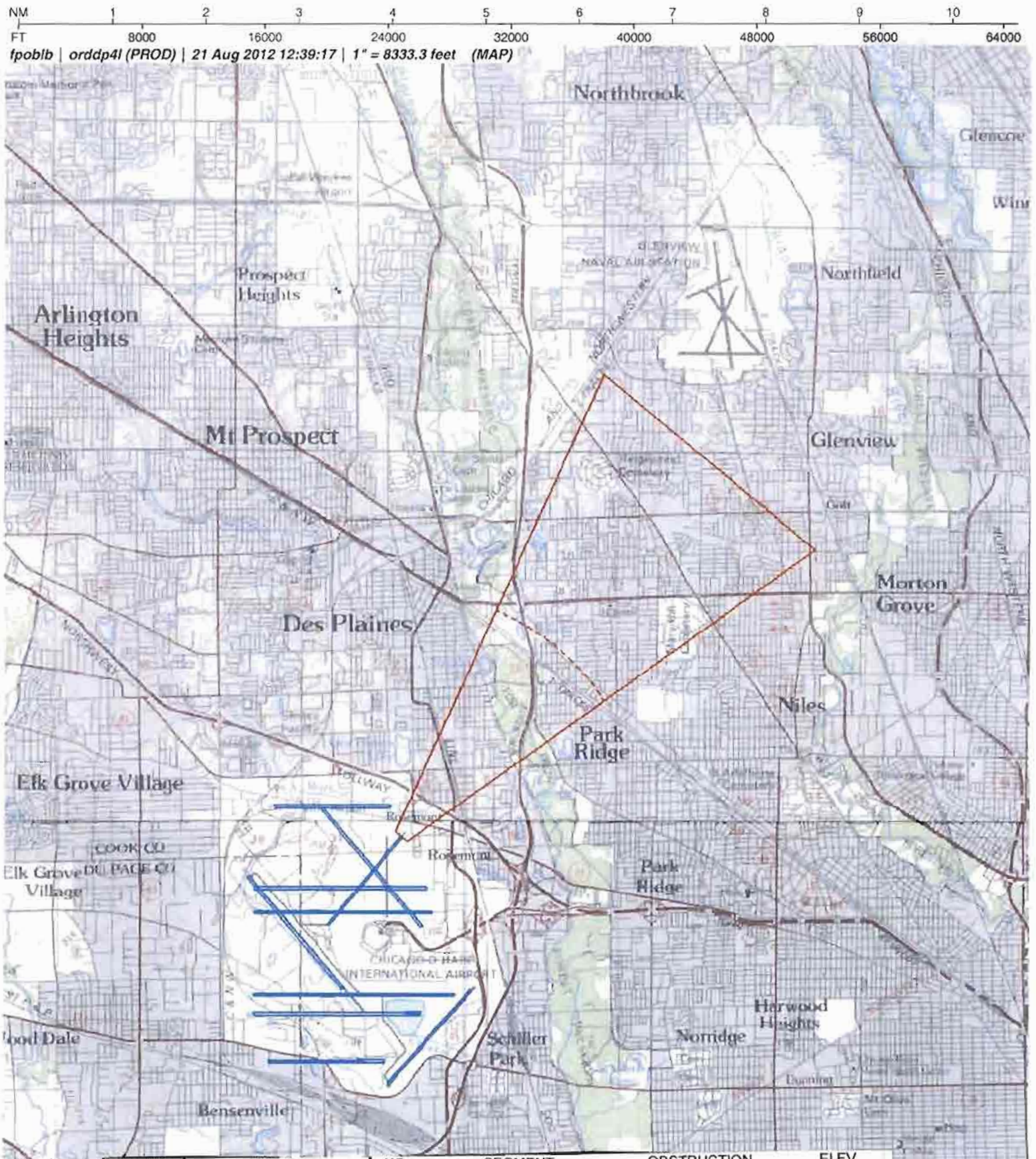
AKMIE TRANSITION (ACITO1.AKMIE):
ARLYN TRANSITION (ACITO1.ARYLN):

TAKEOFF OBSTACLE NOTES:

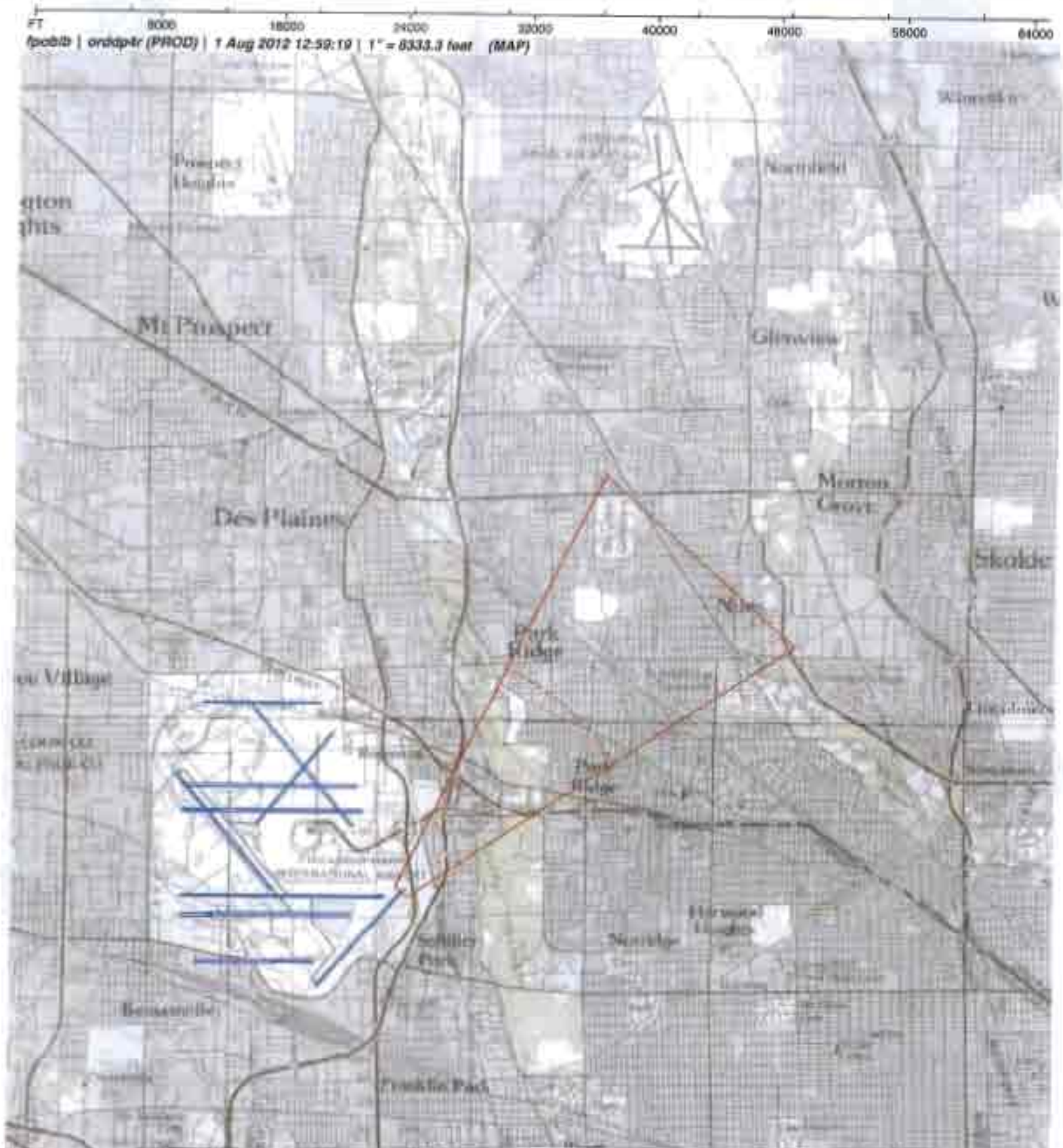
NOTE Rwy 4L: Buildings beginning 3302' from DER, 1198' right of centerline, up to 109' AGL/751' MSL.
NOTE Rwy 4R: Tree 810' from DER, 611' right of centerline, 36' AGL/675' MSL.
Trees beginning 2149' from DER, 834' left of centerline, up to 100' AGL/749' MSL.
Parked aircraft on ramp 153' from DER, 329' left of centerline, 80' AGL/735' MSL.
NOTE Rwy 9L: Building 2771' from DER, 1234' right of centerline, 94' AGL/745' MSL.
NOTE Rwy 9R: Street light 877' from DER, 689' right of centerline, 40' AGL/673' MSL.
Tree 3492' from DER, 1054' left of centerline, 100' AGL/744' MSL.
NOTE Rwy 10: Parked aircraft on ramp 33' from DER, 440' left of centerline, 80' AGL/735' MSL.
Parked aircraft on ramp 940' from DER, 641' left of centerline, 80' AGL/735' MSL.
Towers beginning 2522' from DER, 983' right of centerline, up to 127' AGL/771' MSL.
NOTE Rwy 14L: Light poles beginning 981' from DER, 745' left of centerline, up to 40' AGL/684' MSL.
Parked aircraft on ramp 100' from DER, 363' right of centerline, 80' AGL/729' MSL.
Sign 1292' from DER, 724' right of centerline, 37' AGL/682' MSL.
NOTE Rwy 14R: Parked aircraft on ramp 1104' from DER, 766' right of centerline, 80' AGL 736' MSL.
NOTE Rwy 22R: Parked aircraft on ramp 34' from DER, 430' left of centerline, 80' AGL/736' MSL.
NOTE Rwy 27L: Parked aircraft on ramp 70' from DER, 408' left of centerline, 80' AGL/740' MSL.
Rod on tower 2591' from DER, 1181' left of centerline, 86' AGL/753' MSL.
Parked aircraft on ramp 3627' from DER, 1225' right of centerline, 80' AGL/754' MSL.
NOTE Rwy 27R: Tanks beginning 1489' from DER, 886' left of centerline, 53' AGL/726' MSL.
Lighted hopper and elevator 2778' from DER, 1020' left of centerline, 111' AGL/776' MSL.
NOTE Rwy 28: Trees beginning 1717' from DER, 752' left of centerline, up to 100' AGL/789' MSL.
NOTE Rwy 32L: Pole 1993' from DER, 791' left of centerline, 49' AGL/716' MSL.

PROTOTYPE: NOT FOR NAVIGATION

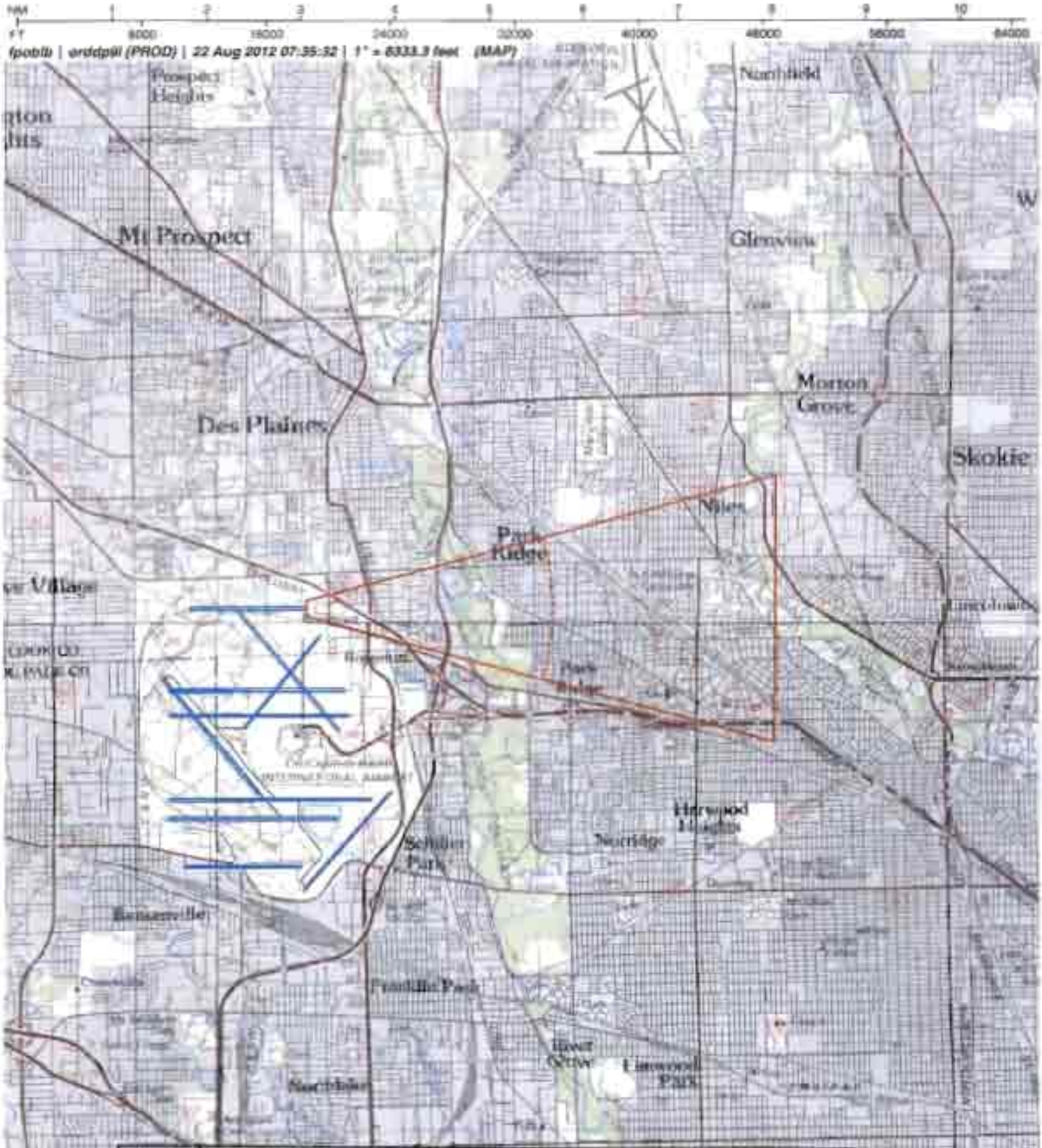
| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | PNA | | CLEAR |
| City: | CHICAGO | 1 | AHLOU-ACITO | TOWER | 1160 |
| State: | ILLINOIS | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |



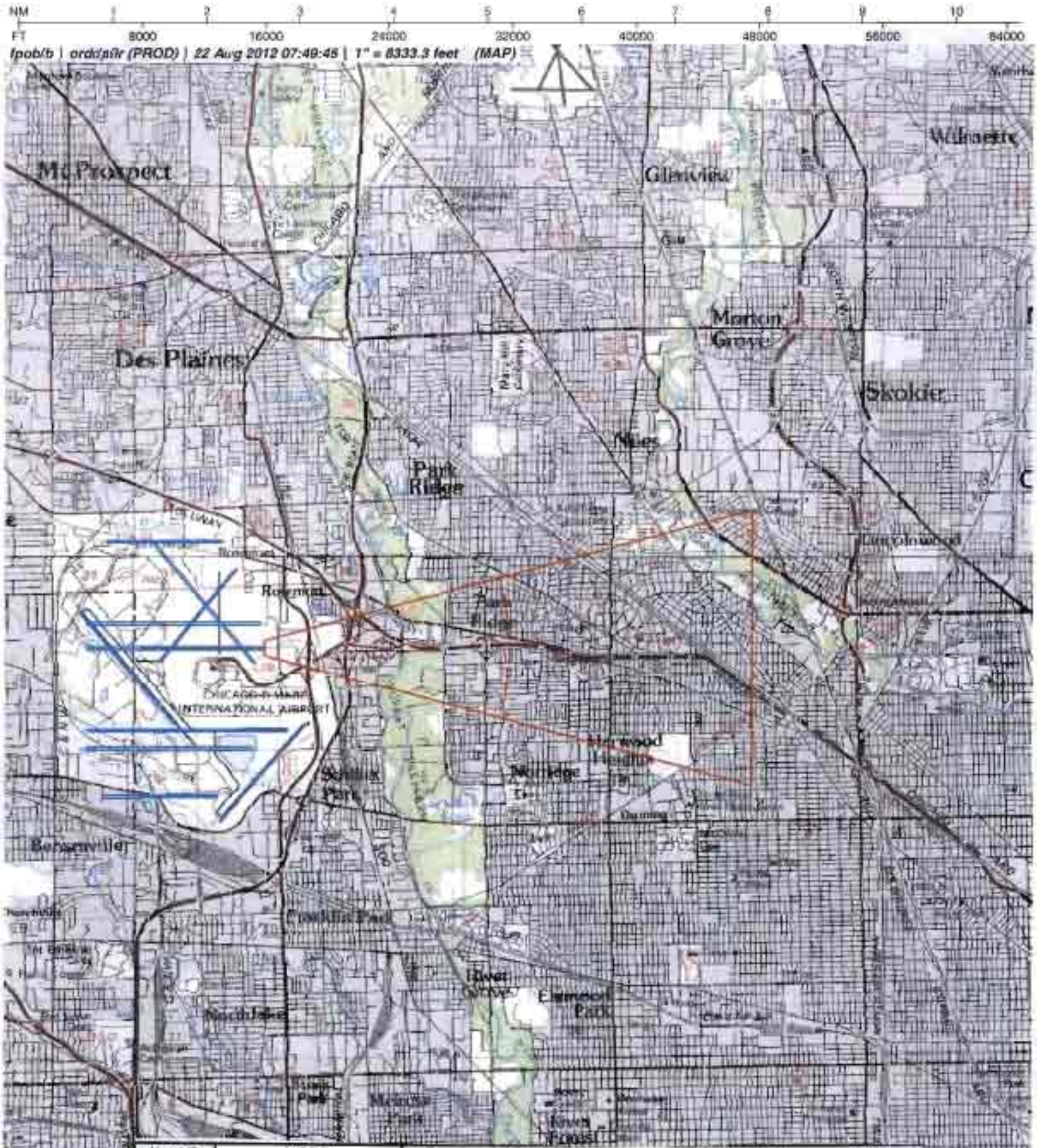

| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY | 4L | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale | 1: 100,000 | | | | |



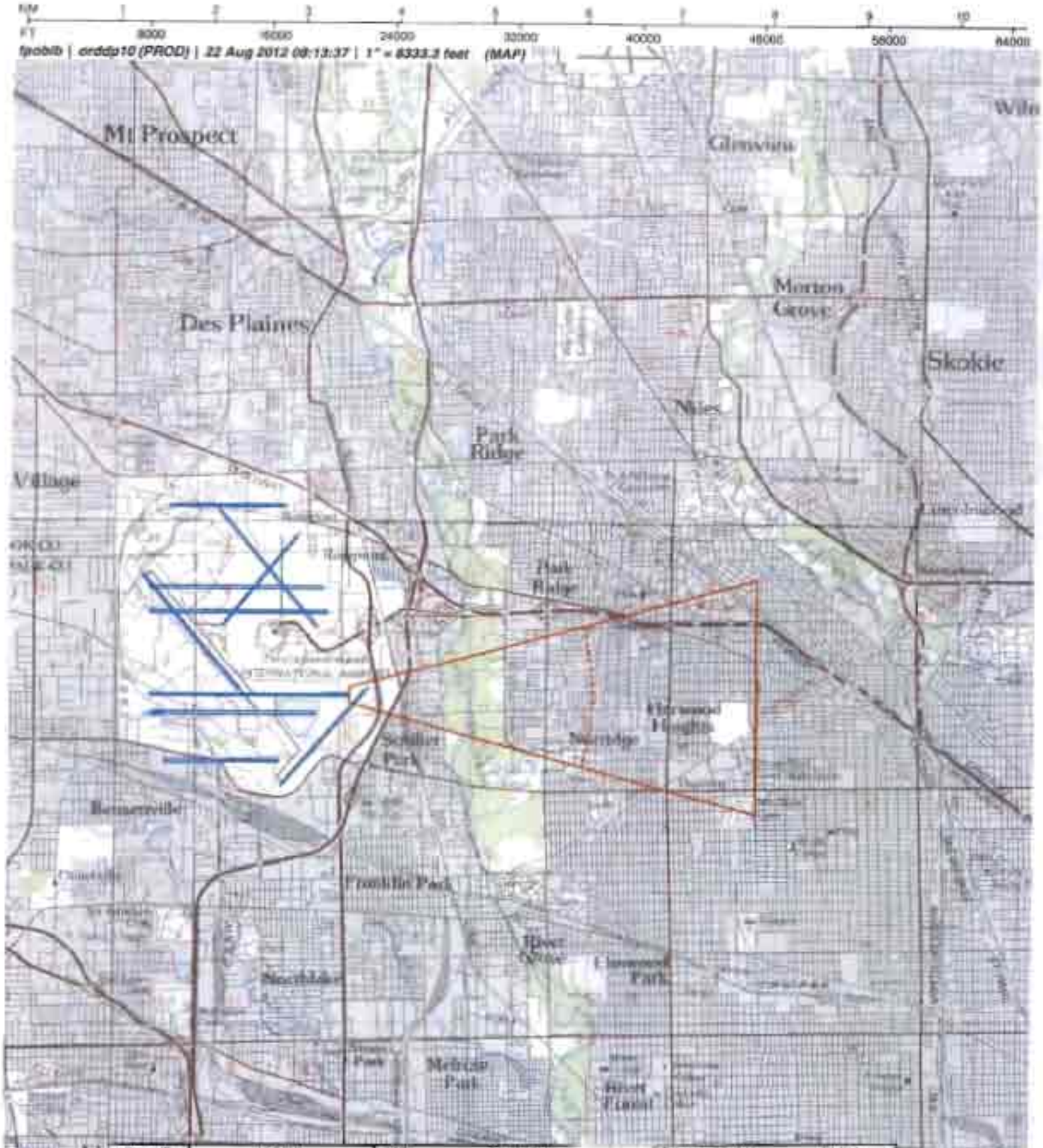

| Airport ID | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City | CHICAGO | | | | |
| State | ILLINOIS | | | | |
| RWY | 4R | | | | |
| Proc ID | ACITO (RNAV) SID | | | | |
| Amdt | ORIG | | | | |
| Scale | 1: 100,000 | | | | |




| Airport ID | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City | CHICAGO | | | | |
| State | ILLINOIS | | | | |
| RWY | 9L | | | | |
| Proc ID | ACITO (RNAV) SID | | | | |
| Amdt | ORIG | | | | |
| Scale | 1: 100,000 | | | | |

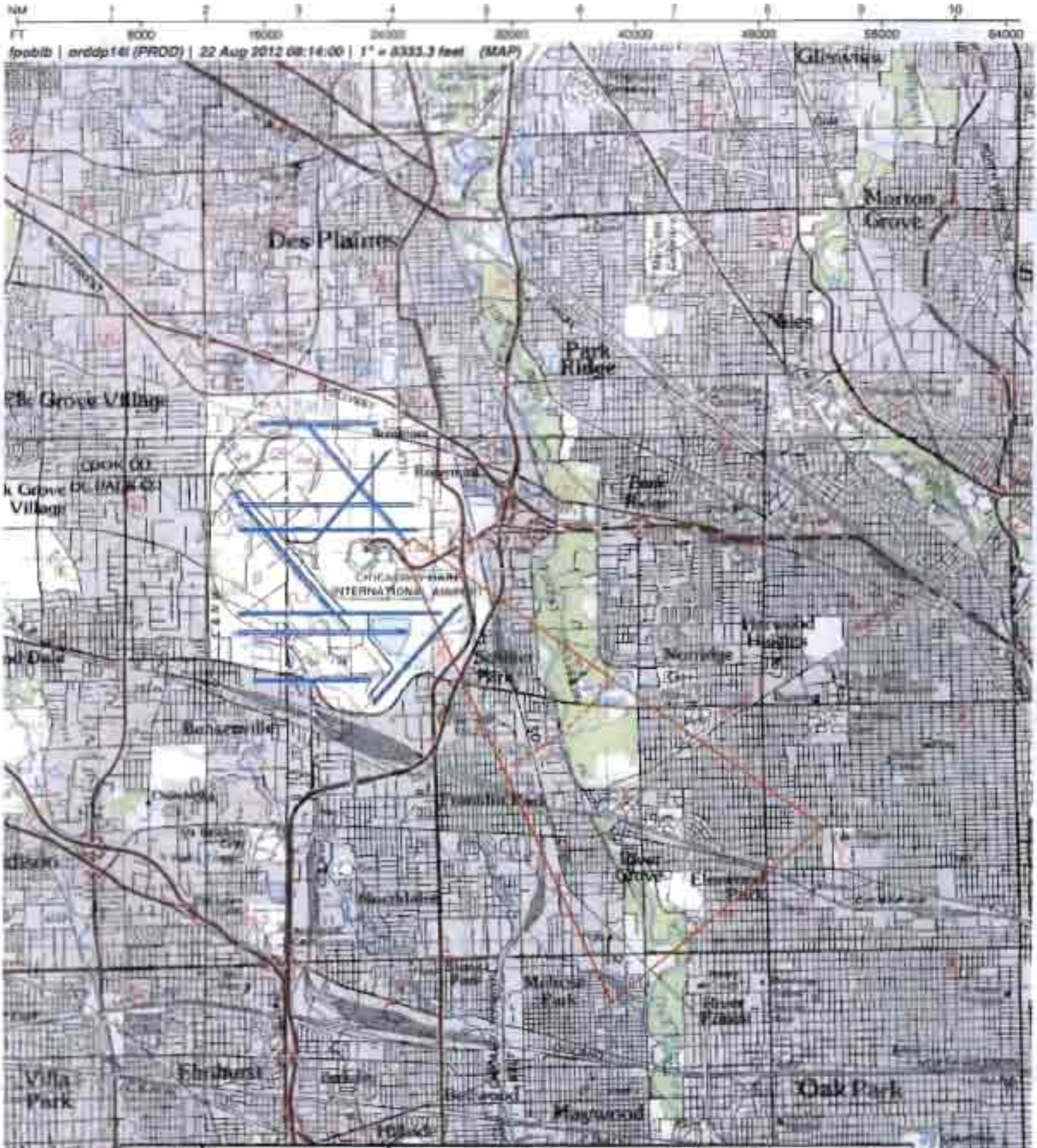



| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY: | 9R | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale | 1: 100,000 | | | | |

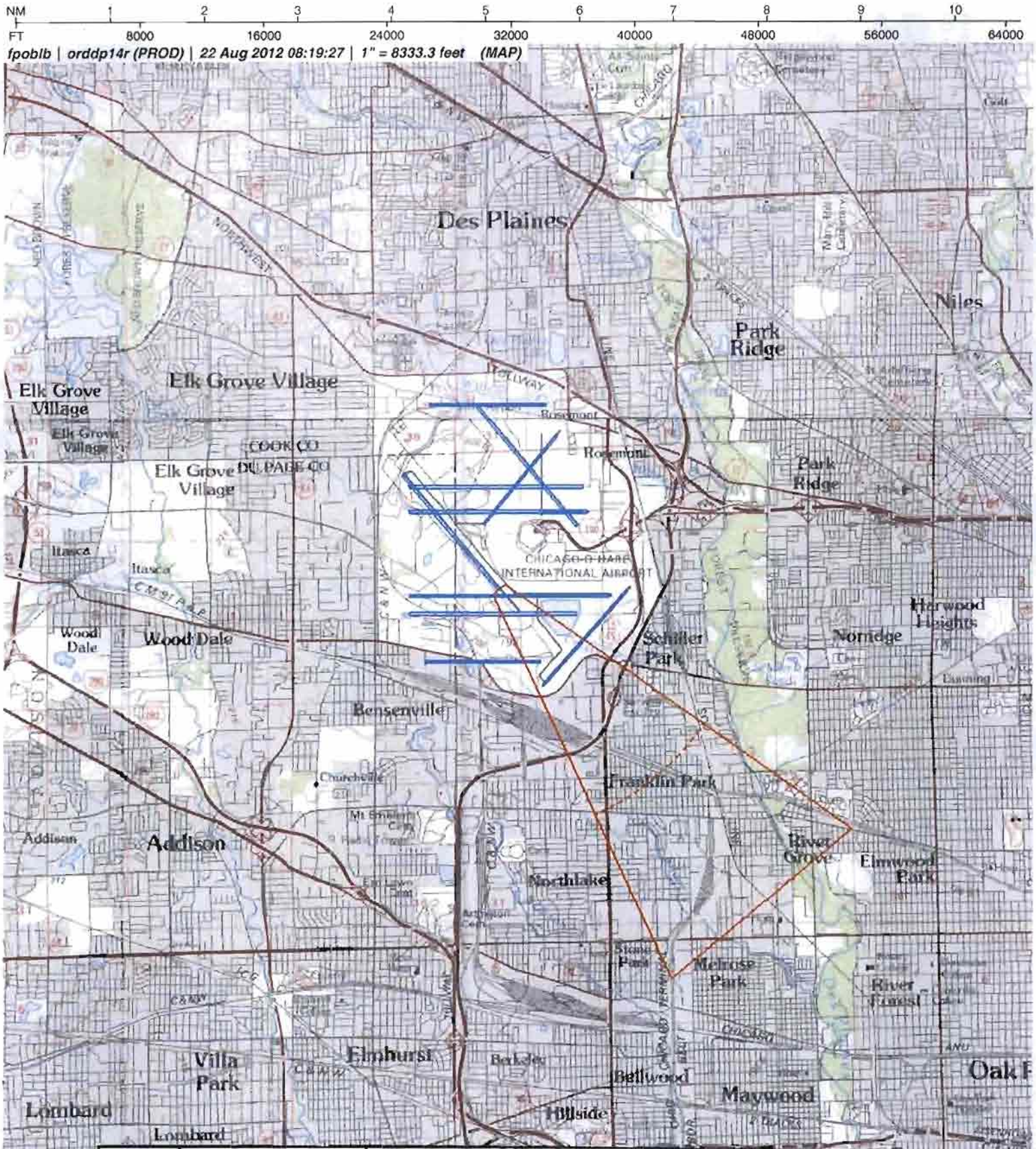



| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY: | 10 | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale: | 1: 100,000 | | | | |

CHIC

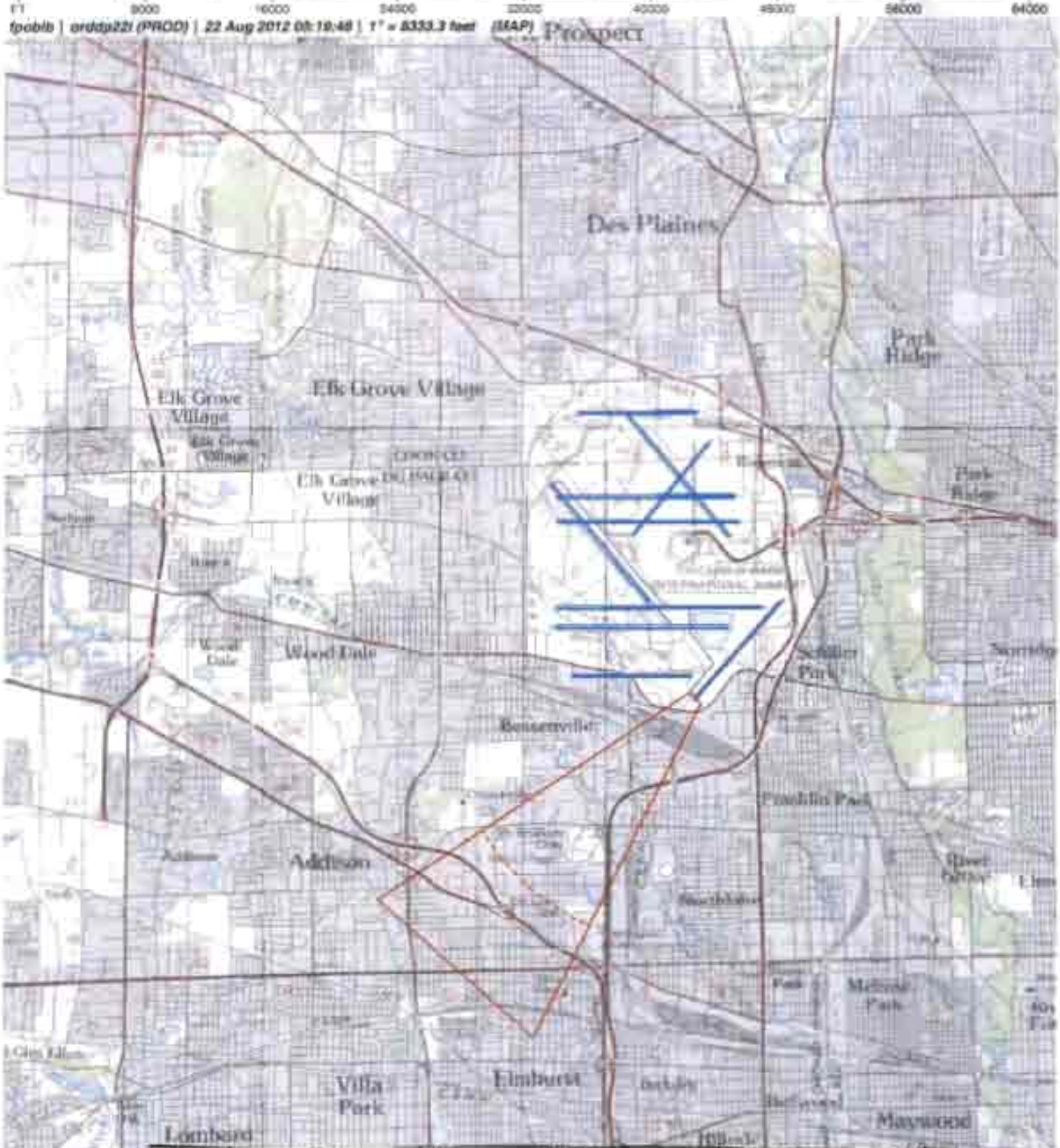



| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY | 14L | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale | 1: 100,000 | | | | |

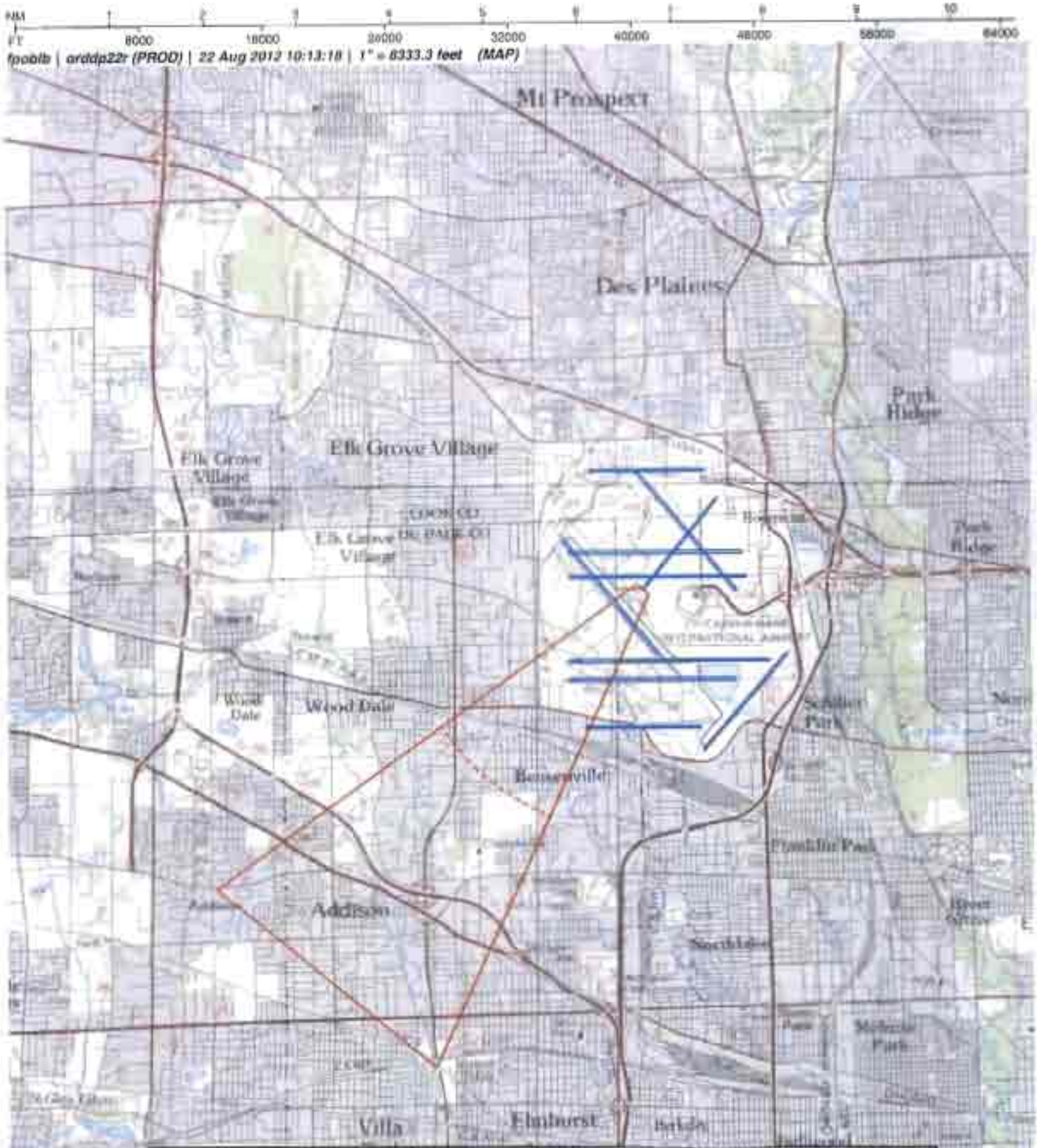



| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY | 14R | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale | 1: 100,000 | | | | |

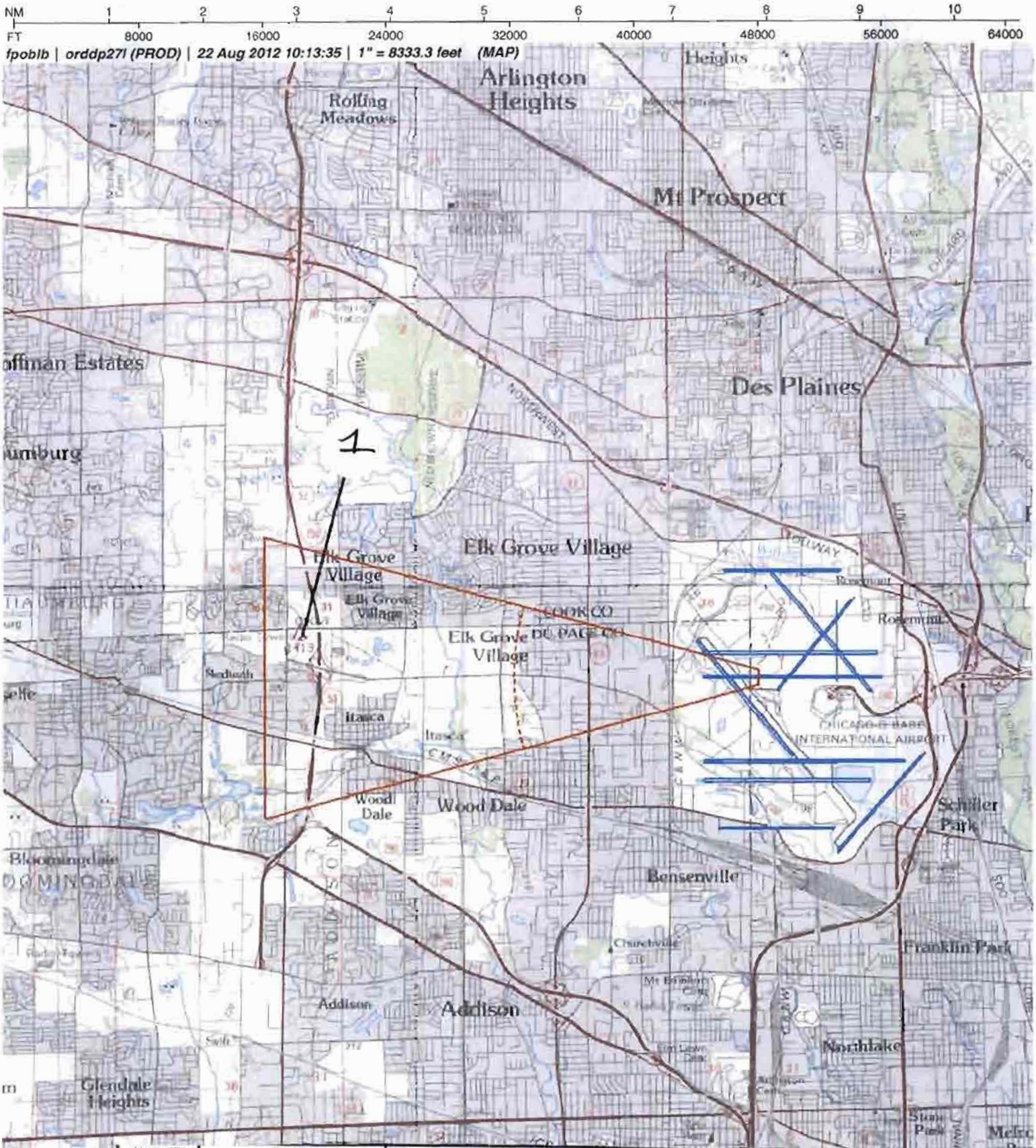
fpoblb | orddp22l (PROD) | 22 Aug 2012 00:19:48 | 1" = 8333.3 feet (MAP)



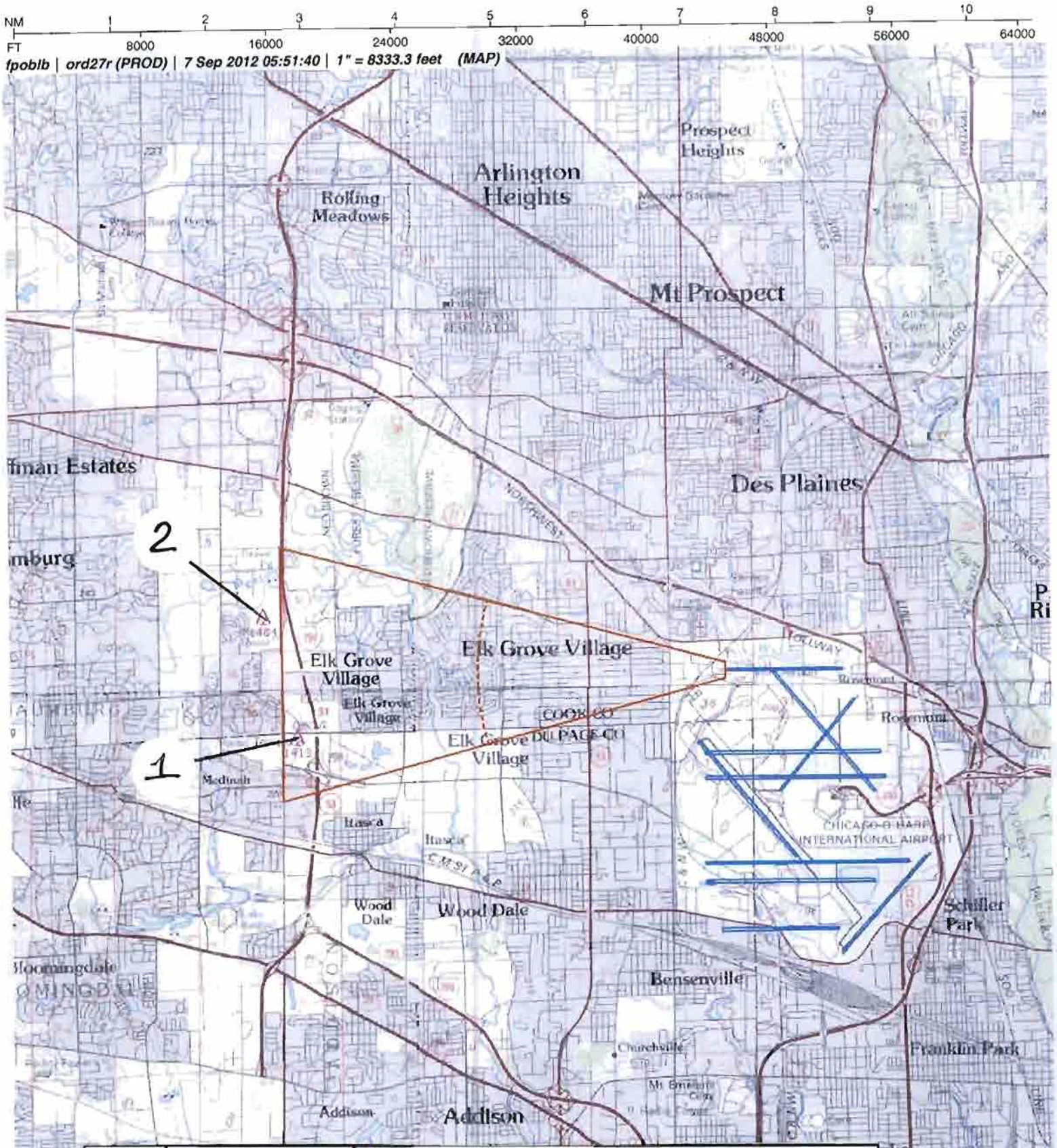

| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY: | 22L | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale: | 1: 100,000 | | | | |



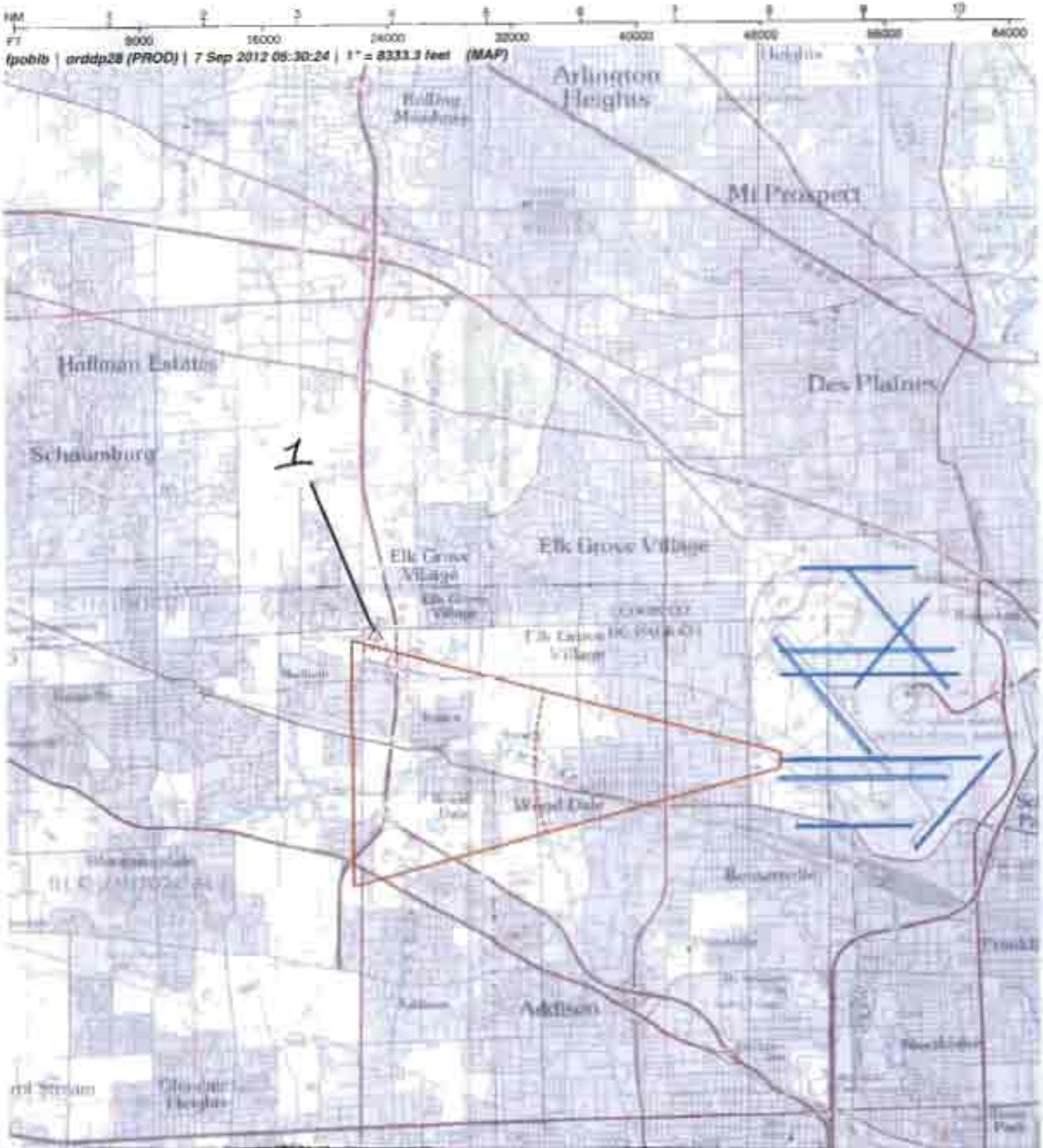

| Airport ID | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City | CHICAGO | | | | |
| State | ILLINOIS | | | | |
| RWY | 22R | | | | |
| Proc ID | ACITO (RNAV) SID | | | | |
| Amdt | ORIG | | | | |
| Scale | 1: 100,000 | | | | |



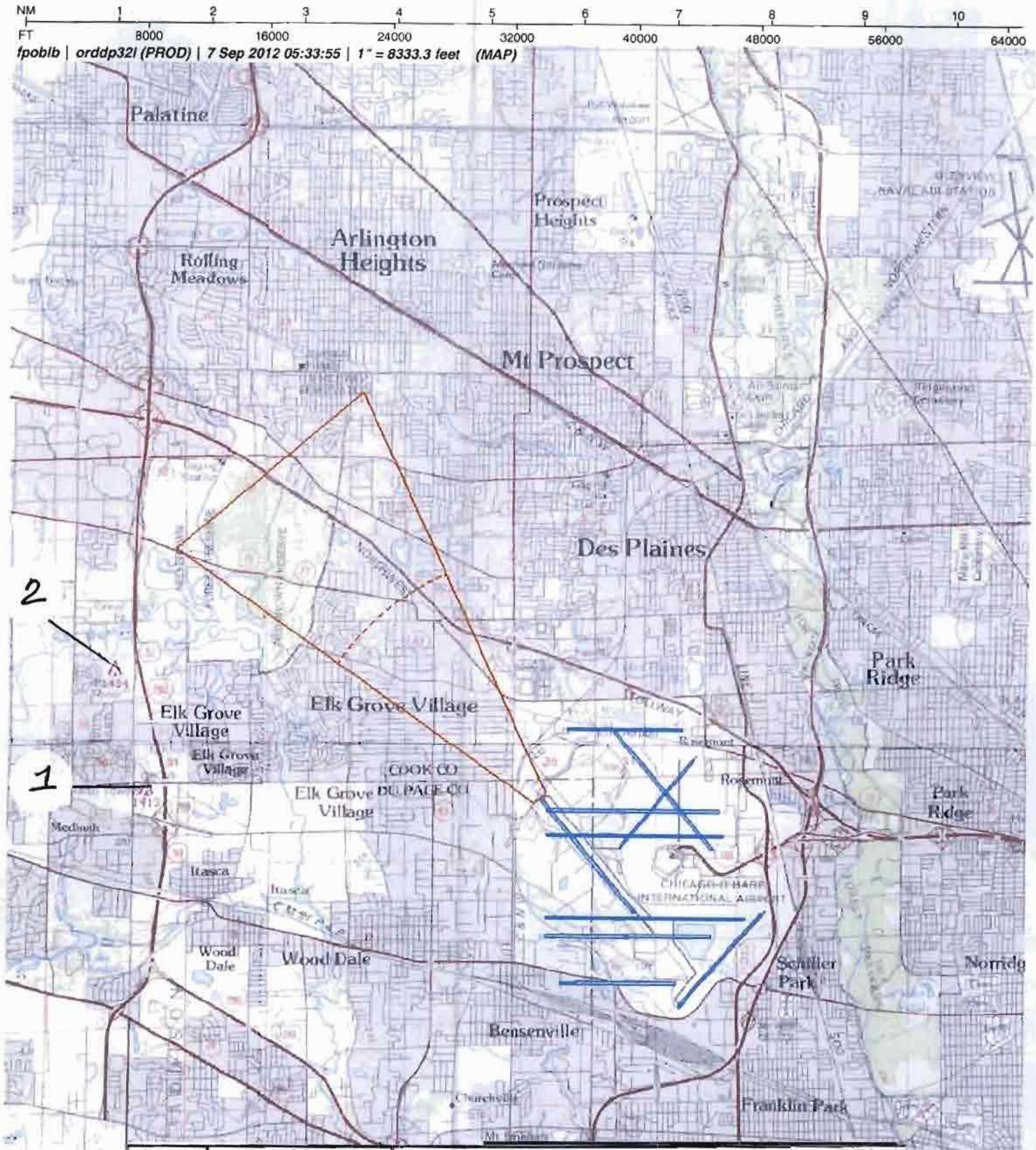

| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | 1 | RWY – MVA (3300) | TOWER | 1413 |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY | 27L | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale | 1: 100,000 | | | | |



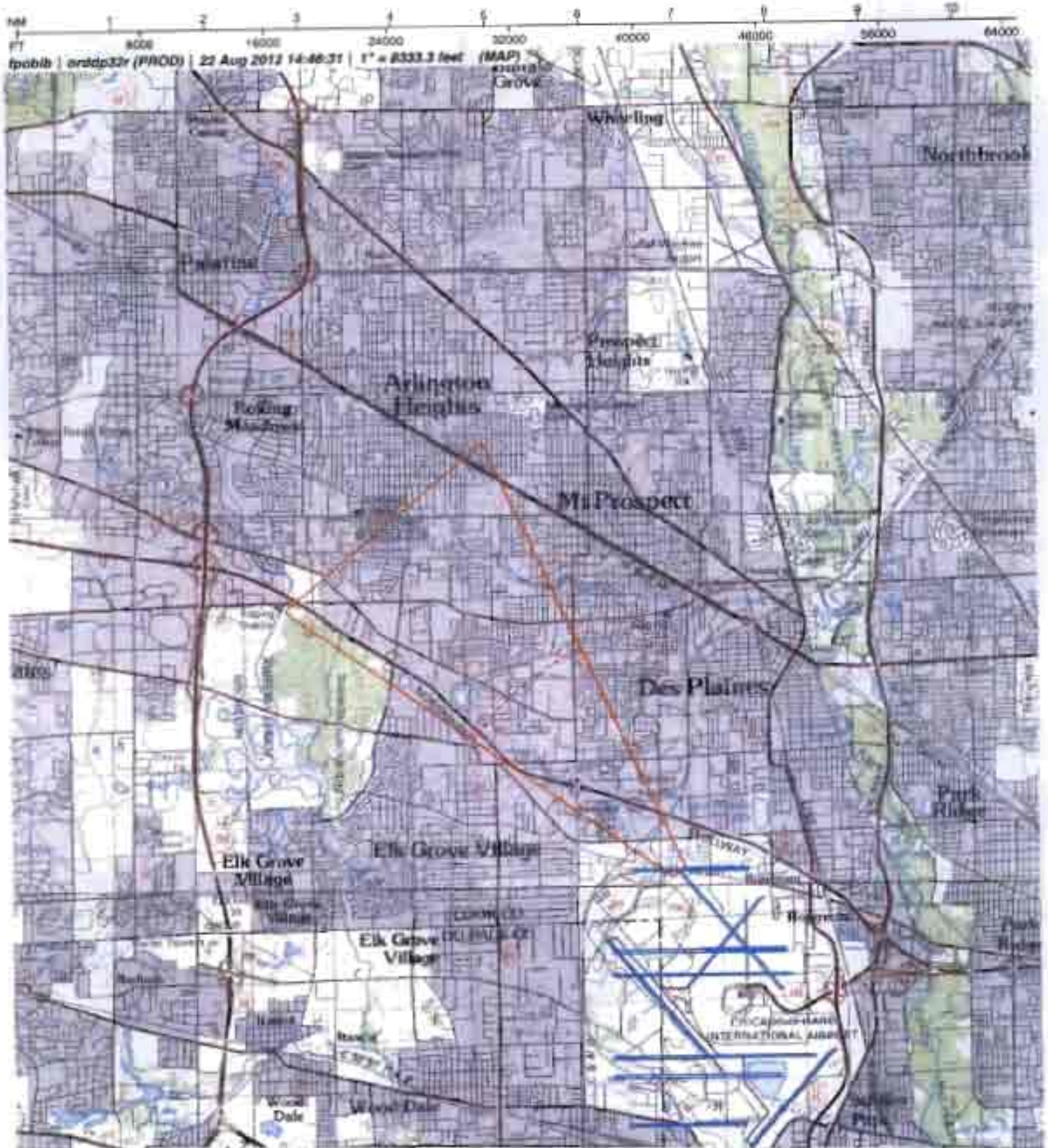

| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | 1 | RWY-MVA (3300) | TOWER | 1413 |
| City: | CHICAGO | 2 | RWY-MVA (3300) | TOWER | 1464 |
| State: | ILLINOIS | | | | |
| Scale: | 1: 100,000 | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| RWY | 27R | | | | |



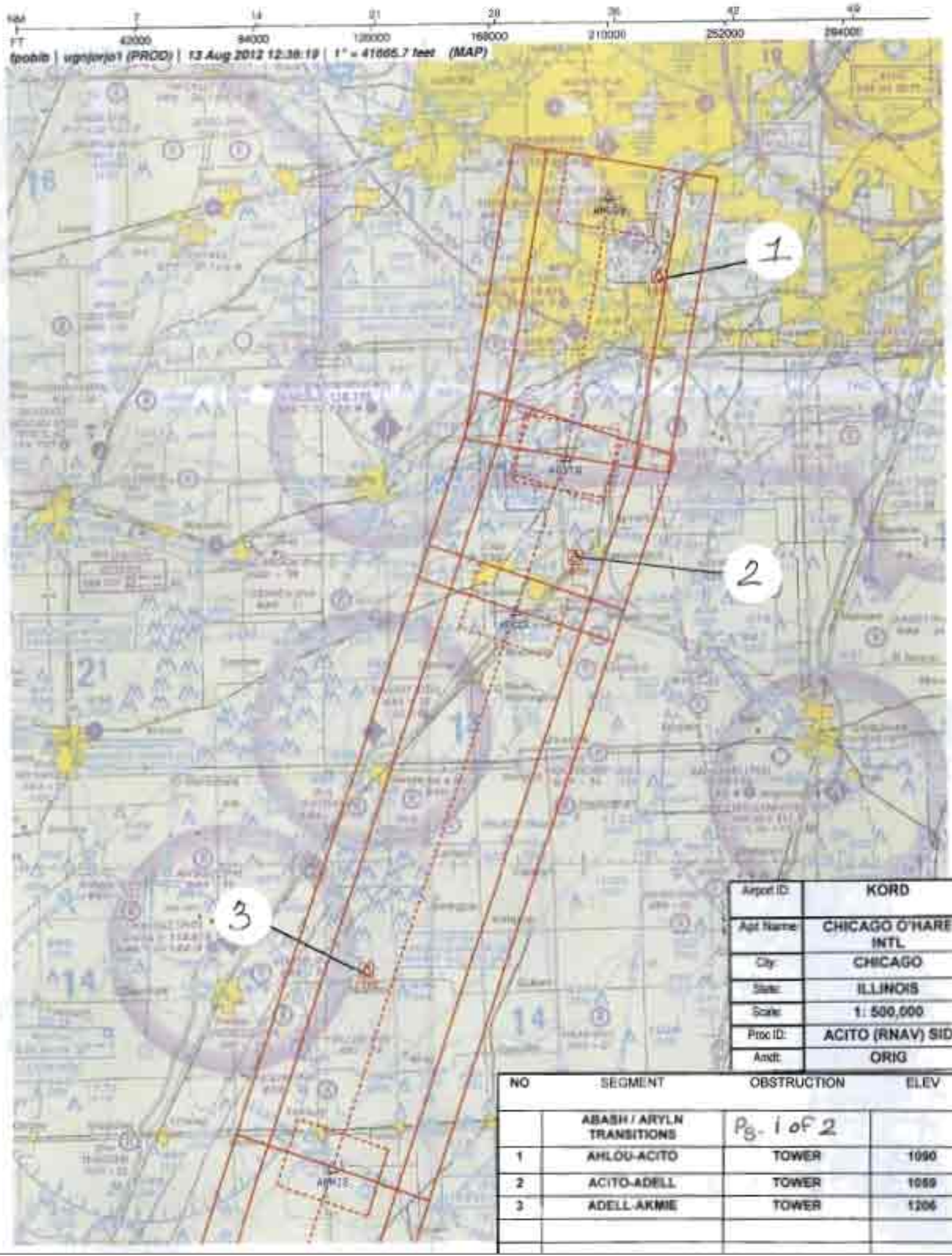

| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | 1 | RWY – MVA (3300) | TOWER | 1413 |
| City | CHICAGO | | | | |
| State | ILLINOIS | | | | |
| RWY | 28 | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt | ORIG | | | | |
| Scale | 1: 100,000 | | | | |




| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | 1 | RWY-MVA (3300) | TOWER | 1413 |
| City: | CHICAGO | 2 | RWY-MVA (3300) | TOWER | 1464 |
| State: | ILLINOIS | | | | |
| Scale: | 1: 100,000 | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |

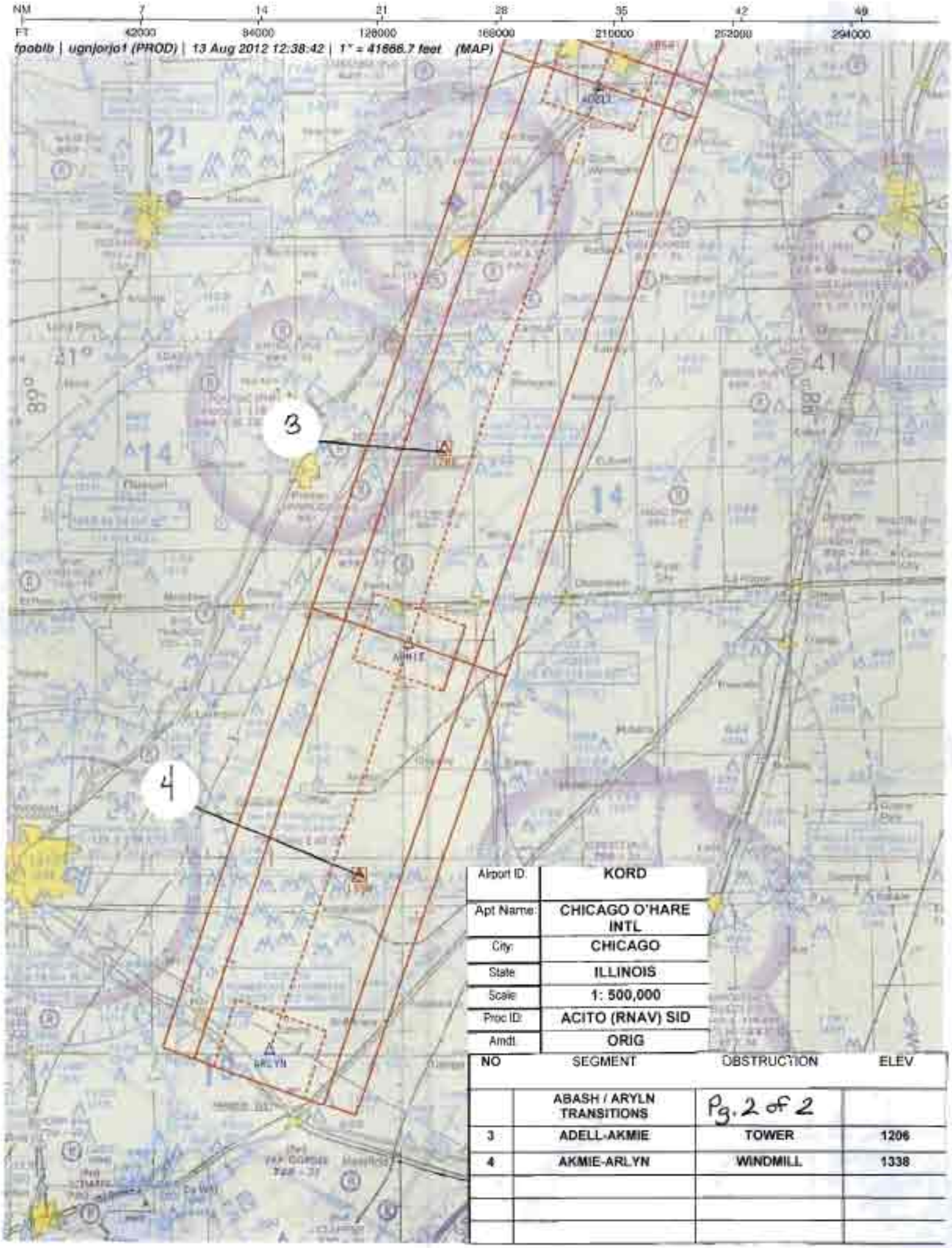



| Airport ID: | KORD | NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|---|---|
| Apt Name: | CHICAGO O'HARE INTL | | RWY – MVA (3300) | | ASC |
| City: | CHICAGO | | | | |
| State: | ILLINOIS | | | | |
| RWY: | 32R | | | | |
| Proc ID: | ACITO (RNAV) SID | | | | |
| Amdt: | ORIG | | | | |
| Scale: | 1: 100,000 | | | | |




| | |
|---|---|
| Airport ID: | KORD |
| Apt Name: | CHICAGO O'HARE INTL |
| City: | CHICAGO |
| State: | ILLINOIS |
| Scale: | 1: 500,000 |
| Proc ID: | ACITO (RNAV) SID |
| Amdt: | ORIG |

| NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|
| | ABASH / ARYLN TRANSITIONS | Pg. 1 of 2 | |
| 1 | AHLOU-ACITO | TOWER | 1090 |
| 2 | ACITO-ADELL | TOWER | 1059 |
| 3 | ADELL-AKMIE | TOWER | 1206 |
| | | | |
| | | | |




| | |
|---|---|
| Airport ID: | KORD |
| Apt Name: | CHICAGO O'HARE INTL |
| City: | CHICAGO |
| State | ILLINOIS |
| Scale | 1: 500,000 |
| Proc ID: | ACITO (RNAV) SID |
| Amdt | ORIG |

| NO | SEGMENT | OBSTRUCTION | ELEV |
|---|---|---|---|
| | ABASH / ARYLN TRANSITIONS | Pg. 2 of 2 | |
| 3 | ADELL-AKMIE | TOWER | 1206 |
| 4 | AKMIE-ARLYN | WINDMILL | 1338 |
| | | | |
| | | | |
| | | | |

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

# GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO | ONE | ACITO1.ACITO | NONE | | |

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 4L**: CLIMB HEADING 042.49 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 4R**: CLIMB HEADING 044.50 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 9L**: CLIMB HEADING 092.99 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 9R**: CLIMB HEADING 092.98 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 10**: CLIMB HEADING 092.86 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 14L**: CLIMB HEADING 142.99 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 14R**: CLIMB HEADING 142.97 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 22L**: CLIMB HEADING 224.51 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 22R**: CLIMB HEADING 225.00 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 27L**: CLIMB HEADING 273.00 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 27R**: CLIMB HEADING 273.01 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 28**: CLIMB HEADING 272.90 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 32L**: CLIMB HEADING 322.99 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...
**TAKEOFF RWY 32R**: CLIMB HEADING 323.01 OR AS ASSIGNED BY ATC TO 1180, EXPECT VECTORS TO AHLOU. THENCE...

...ON TRACK 192.97 TO ACITO, THEN ON (TRANSITION). MAINTAIN 5000. EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

| Transition Name | Transition Computer Codes | From FIX/NAVAID | To FIX/NAVAID | Course | Distance | MEA | MOCA | Crossing Altitudes/Fixes |
|---|---|---|---|---|---|---|---|---|
| AKMIE | ACITO1.AKMIE | ACITO | ADELL | TRACK 201.67 | 9.42 | 4000 | 2100 | |
| | | ADELL | AKMIE | TRACK 201.81 | 34.12 | 4000 | 2300 | |
| ARLYN | ACITO1.ARYLN | ACITO | ADELL | TRACK 201.67 | 9.42 | 4000 | 2100 | |
| | | ADELL | AKMIE | TRACK 201.81 | 34.12 | 4000 | 2300 | |
| | | AKMIE | ARLYN | TRACK 201.83 | 24.96 | 4000 | 2400 | |

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

NOTE: TURBOJET DEPARTURES MAINTAIN 250 KIAS UNTIL ADVISED BY ATC.
NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE.
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: RNAV 1.
NOTE: RADAR REQUIRED.
NOTE: AKMIE TRANSITION: FOR AIRCRAFT INBOUND TO BMI, SPI, OR PIA, OR AS ASSIGNED BY ATC.

# GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO | ONE | ACITO1.ACITO | NONE | | |

**TAKEOFF MINIMUMS:**
**RWY 4L:** STANDARD WITH MINIMUM CLIMB OF 547 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 4R:** STANDARD WITH MINIMUM CLIMB OF 690 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 9L:** STANDARD WITH MINIMUM CLIMB OF 570 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 9R:** STANDARD WITH MINIMUM CLIMB OF 541 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 10:** STANDARD WITH MINIMUM CLIMB OF 672 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 14L:** STANDARD WITH MINIMUM CLIMB OF 547 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 14R:** STANDARD WITH MINIMUM CLIMB OF 670 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 22L:** STANDARD WITH MINIMUM CLIMB OF 807 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 22R:** STANDARD WITH MINIMUM CLIMB OF 521 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 27L:** STANDARD WITH MINIMUM CLIMB OF 532 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 27R:** STANDARD WITH MINIMUM CLIMB OF 631 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 28:** STANDARD WITH MINIMUM CLIMB OF 685 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 32L:** STANDARD WITH MINIMUM CLIMB OF 631 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.
**RWY 32R:** STANDARD WITH MINIMUM CLIMB OF 587 FT PER NM TO 3000, THEN MINIMUM CLIMB OF 350 FT PER NM TO 4000.

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 4L,** BUILDINGS BEGINNING 3302 FT FROM DER, 1198 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL/751 FT MSL.
**NOTE: RWY 4R,** TREE 810 FT FROM DER, 611 FT RIGHT OF CENTERLINE, 36 FT AGL/675 FT MSL. TREES BEGINNING 2149 FT FROM DER, 834 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/749 FT MSL. PARKED AIRCRAFT ON RAMP 153 FT FROM DER, 329 FT LEFT OF CENTERLINE, 80 FT AGL/735 FT MSL.
**NOTE: RWY 9L,** BUILDING 2771 FT FROM DER, 1234 FT RIGHT OF CENTERLINE, 94 FT AGL/745 FT MSL.
**NOTE: RWY 9R,** STREET LIGHT 877 FT FROM DER, 689 FT RIGHT OF CENTERLINE, 40 FT AGL/673 FT MSL. TREE 3492 FT FROM DER, 1054 FT LEFT OF CENTERLINE, 100 FT AGL/744 FT MSL.
**NOTE: RWY 10,** PARKED AIRCRAFT ON RAMP 33 FT FROM DER, 440 FT LEFT OF CENTERLINE, 80 FT AGL/735 FT MSL. PARKED AIRCRAFT ON RAMP 940 FT FROM DER, 641 FT LEFT OF CENTERLINE, 80 FT AGL/735 FT MSL. TOWERS BEGINNING 2522 FT FROM DER, 983 FT RIGHT OF CENTERLINE, UP TO 127 FT AGL/771 FT MSL.
**NOTE: RWY 14L,** LIGHT POLES BEGINNING 981 FT FROM DER, 745 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/684 FT MSL. PARKED AIRCRAFT ON RAMP 100 FT FROM DER, 363 FT RIGHT OF CENTERLINE, 80 FT AGL/729 FT MSL. SIGN 1292 FT FROM DER, 724' FT RIGHT OF CENTERLINE, 37 FT AGL/682 FT MSL.
**NOTE: RWY 14R,** PARKED AIRCRAFT ON RAMP 1104 FT FROM DER, 766 FT RIGHT OF CENTERLINE, 80 AGL/736 FT MSL.
**NOTE: RWY 22R,** PARKED AIRCRAFT ON RAMP 34 FT FROM DER, 430 FT LEFT OF CENTERLINE, 80 FT AGL/736 FT MSL.
**NOTE: RWY 27L**, PARKED AIRCRAFT ON RAMP 70 FT FROM DER, 408 FT LEFT OF CENTERLINE, 80 FT AGL/740 FT MSL ROD ON TOWER 2591 FT FROM DER, 1181 FT LEFT OF CENTERLINE, 86 FT AGL/753 FT MSL. PARKED AIRCRAFT ON RAMP 3627 FT FROM DER, 1225 FT RIGHT OF CENTERLINE, 80 FT AGL/754 FT MSL.
**NOTE: RWY 27R,** TANKS BEGINNING 1489 FT FROM DER, 886 FT LEFT OF CENTERLINE, 53 FT AGL/726 FT MSL. LIGHTED HOPPER AND ELEVATOR 2778 FT FROM DER, 1020 FT LEFT OF CENTERLINE, 111 FT AGL/776 FT MSL.
**NOTE: RWY 28,** TREES BEGINNING 1717 FT FROM DER, 752 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/789 FT MSL.
**NOTE: RWY 32L,** POLE 1993 FT FROM DER, 791 FT LEFT OF CENTERLINE, 49 FT AGL/716 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 27L**: 812 FT MSL ROD ON TOWER 415843.93N/0875619.54W, 1413 FT MSL TOWER 415926.00N/0880139.00W.
**RWY 27R**: 1463 FT MSL TOWER 420042.54N/0880206.97W, 1413 FT MSL TOWER 415926.00N/0880138.00W.
**RWY 28**: 1413 FT MSL TOWER 415926.00N/0880138.00W.
**RWY 32L:** 1464 FT MSL LIGHT ON TOWER 415926.07N/0880139.04W, 1410 FT MSL TOWER 415926.07N/0880139.04W.

QUALITY 4 CHECK

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

# GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO | ONE | ACITO1.ACITO | NONE | | |

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KORD 3W, EPOCH YR: 2010
DME/DME ASSESSMENT: SAT (RNP 2.0)
CHART: MEA/MOCA FROM AHLOU TO ACITO, 4000/2200

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON AHLOU (IF). CW
FROM: POINT A (BEARING 148 DEGREES TO AHLOU).
TO: POINT B (BEARING 238 DEGREES TO AHLOU).
MINIMUM ALTITUDE 4000

**AIRPORTS SERVED:**

CHICAGO O'HARE INTERNATIONAL — CHICAGO, IL

**COMMUNICATIONS:**

ATIS, GND CON, TWR, DEP CON

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

QUALITY CHECKED 4

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

# GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO | ONE | ACITO1.ACITO | NONE | | |

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

BEVERLY BORDY AJV-353 01/23/2012

**APPROVED BY:**

LARRY STROUT AJV-353

**COORDINATED WITH:**

ATA, ALPA, APA, AOPA, NBAA, ZAU, ORD ATCT, AMGR.

**CHANGES:**

ORIGINAL

**REASONS:**

10/25/2012: THIS IS AN UPDATED COPY OF THE DEVELOPED ON 01/23/2012.

1. CHANGED THE DP ROUTE DESCRIPTION FROM "MAINTAIN 10000. EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." TO "MAINTAIN 5000. EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE."
2. CHANGED NOTE FROM "IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT" TO "IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC AS SOON AS POSSIBLE PRIOR TO DEPARTURE."
3. REORDERED THE PROCEDURAL DATA NOTES PER ATC REQUEST.

11/06/2012. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/23/2012.

1. ADDED A VA LEG TO DEPARTURE INSTRUCTIONS TO 1180.
2. RWY 22R HEADING CHANGED FROM 222.5 TO 225.

FPT REQUESTED.

QUALITY CHECKED

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| RW04L (AER) | 415853.96N/0875450.10W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 039.49 | | | | |
| - | - | - | - | VM | 039.49 | - | | | CG 547 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW04R (AER) | 415711.98N/0875357.91W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 041.50 | | | | |
| - | - | - | - | VM | 041.50 | | | | CG 690 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW09L (AER) | 420010.19N/0875536.03W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 089.99 | | | | |
| - | - | - | - | VM | 089.99 | - | | | CG 570 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW09R (AER) | 415902.03N/0875506.07W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 089.98 | | | | |
| - | - | - | - | VM | 089.98 | - | | | CG 541 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW10 (AER) | 415808.38N/0875553.51W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 089.86 | | | | |
| - | - | - | - | VM | 089.86 | - | | | CG 672 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW14L (AER)* | 415953.65N/0875438.32W* | N | - | - | - | - | | | *DISPL THLD (1998) |
| 1180 MSL | | - | - | VA | 139.99 | | | | |
| - | - | - | - | VM | 139.99 | - | | | CG 547 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| RW14R (AER) | 415925.57N/0875559.30W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 139.97 | | | | |
| - | - | - | - | VM | 139.97 | - | | | CG 670 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW22L (AER) | 415811.72N/0875247.08W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 221.51 | | | | |
| - | - | - | - | VM | 221.51 | - | | | CG 807 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW22R (AER) | 415951.13N/0875346.94W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 222.00 | | | | |
| - | - | - | - | VM | 222.00 | - | | | CG 521 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW27L (AER) | 415902.04N/0875320.58W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 270.00 | | | | |
| - | - | - | - | VM | 270.00 | - | | | CG 532 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW27R (AER) | 420010.19N/0875356.70W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 270.01 | | | | |
| - | - | - | - | VM | 270.01 | - | | | CG 631 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW28 (AER) | 415808.65N/0875301.42W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 269.90 | | | | |
| - | - | - | - | VM | 269.90 | - | | | CG 685 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

| FIX/NAVAID | LAT/LONG | C | FO/FB | LEG TYPE | TC | DIST (NM) | ALTITUDE | SPEED | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| RW32L (AER) | 415812.30N/0875436.84W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 319.99 | | | | |
| - | - | - | - | VM | 319.99 | - | | | CG 631 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| RW32R (AER) | 415853.06N/0875330.17W | N | - | - | - | - | | | |
| 1180 MSL | | - | - | VA | 320.01 | | | | |
| - | - | - | - | VM | 320.01 | - | | | CG 587 FT/NM TO 3000, THEN 350 FT/NM TO 4000 |
| AHLOU | 413903.00N/0880728.03W | Y | FB | DF | - | - | | | |
| AHLOU | 413903.00N/0880728.03W | Y | - | IF | - | - | | | |
| ACITO | 412355.00N/0881100.00W | Y | FB | TF | 189.97 | 15.36 | | | |
| ACITO | 412355.00N/0881100.00W | Y | - | IF | - | - | | | ACITO1.AKMIE |
| ADELL | 411459.00N/0881500.00W | Y | FB | TF | 198.67 | 9.42 | | | |
| AKMIE | 404238.77N/0882928.05W | Y | FB | TF | 198.81 | 34.12 | | | |
| ACITO | 412355.00N/0881100.00W | Y | - | IF | - | - | | | ACITO1.ARLYN |
| ADELL | 411459.00N/0881500.00W | Y | FB | TF | 198.67 | 9.42 | | | |
| AKMIE | 404238.77N/0882928.05W | Y | FB | TF | 198.81 | 34.12 | | | |
| ARLYN | 401900.00N/0884000.00W | Y | FB | TF | 198.83 | 24.96 | | | |

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACITO K50    W   B N41235500W088110000                      W0031     NAR           ACITO
        SUSAEAENRT   ADELL K50    W   B N41145900W088150000                      W0031     NAR           ADELL
        SUSAEAENRT   AHLOU K50    W     N41390300W088072803                      W0032     NAR           AHLOU
        SUSAEAENRT   AKMIE K50    W     N40423877W088292805                      W0028     NAR           AKMIE
        SUSAEAENRT   ARLYN K50    W   B N40190000W088400000                      W0026     NAR           ARLYN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5AORD     0     130YHN41585394W087542402W003000672         1800018000C    MNAR    CHICAGO O'HARE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5DACITO14RW04L 010         0        VA                    0425        + 01180     18000
        SUSAP KORDK5DACITO14RW04L 020         0        VM                    0425
        SUSAP KORDK5DACITO14RW04L 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW04R 010         0        VA                    0445        + 01180     18000
        SUSAP KORDK5DACITO14RW04R 020         0        VM                    0445
        SUSAP KORDK5DACITO14RW04R 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW09L 010         0        VA                    0930        + 01180     18000
        SUSAP KORDK5DACITO14RW09L 020         0        VM                    0930
        SUSAP KORDK5DACITO14RW09L 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW09R 010         0        VA                    0930        + 01180     18000
        SUSAP KORDK5DACITO14RW09R 020         0        VM                    0930
        SUSAP KORDK5DACITO14RW09R 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW10  010         0        VA                    0929        + 01180     18000
        SUSAP KORDK5DACITO14RW10  020         0        VM                    0929
        SUSAP KORDK5DACITO14RW10  030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW14B 010         0        VA                    1430        + 01180     18000
        SUSAP KORDK5DACITO14RW14B 020         0        VM                    1430
        SUSAP KORDK5DACITO14RW14B 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW22L 010         0        VA                    2245        + 01180     18000
        SUSAP KORDK5DACITO14RW22L 020         0        VM                    2245
        SUSAP KORDK5DACITO14RW22L 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW22R 010         0        VA                    2250        + 01180     18000
        SUSAP KORDK5DACITO14RW22R 020         0        VM                    2250
        SUSAP KORDK5DACITO14RW22R 030AHLOUK5EA0EE   010DF
        SUSAP KORDK5DACITO14RW27L 010         0        VA                    2730        + 01180     18000
        SUSAP KORDK5DACITO14RW27L 020         0        VM                    2730
        SUSAP KORDK5DACITO14RW27L 030AHLOUK5EA0EE   010DF
```

QUALITY CHECKED

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

```
SUSAP KORDK5DACITO14RW27R 010          0        VA                    2730        + 01180     18000
SUSAP KORDK5DACITO14RW27R 020          0        VM                    2730
SUSAP KORDK5DACITO14RW27R 030AHLOUK5EA0EE   010DF
SUSAP KORDK5DACITO14RW28  010          0        VA                    2729        + 01180     18000
SUSAP KORDK5DACITO14RW28  020          0        VM                    2729
SUSAP KORDK5DACITO14RW28  030AHLOUK5EA0EE   010DF
SUSAP KORDK5DACITO14RW32B 010          0        VA                    3230        + 01180     18000
SUSAP KORDK5DACITO14RW32B 020          0        VM                    3230
SUSAP KORDK5DACITO14RW32B 030AHLOUK5EA0EE   010DF
SUSAP KORDK5DACITO15      010AHLOUK5EA0E       IF                                              18000
SUSAP KORDK5DACITO15      020ACITOK5EA0EE   010TF                    19300154
SUSAP KORDK5DACITO16AKMIE 010ACITOK5EA0E       IF                                              18000
SUSAP KORDK5DACITO16AKMIE 020ADELLK5EA0E    010TF                    20170094
SUSAP KORDK5DACITO16AKMIE 030AKMIEK5EA0EE   010TF                    20180341
SUSAP KORDK5DACITO16ARLYN 010ACITOK5EA0E       IF                                              18000
SUSAP KORDK5DACITO16ARLYN 020ADELLK5EA0E    010TF                    20170094
SUSAP KORDK5DACITO16ARLYN 030AKMIEK5EA0E    010TF                    20180341
SUSAP KORDK5DACITO16ARLYN 040ARLYNK5EA0EE   010TF                    20180250
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5GRW04L   0075000425 N41585396W087545010-0100    +016630065600005 5150RIHNA0
        SUSAP KORDK5GRW04R   0080750445 N41571198W087535791-0100    +016800066100005 2150IIFJU1
        SUSAP KORDK5GRW09L   0075000930 N42001019W087553603-0100    +017000066800005 2150IISAJ3
        SUSAP KORDK5GRW09R   0112610930 N41590202W087555365-0200    +017010066800005 7150IIJAV1
        SUSAP KORDK5GRW10    0130010929 N41580838W087555351-0200    +017130067200005 6150IIMED3
        SUSAP KORDK5GRW14L   0100051430 N41595365W087543832+0000    +016400064919985 5150IIOHA3
        SUSAP KORDK5GRW14R   0096851430 N41592557W087555930-0100    +016930066600005 6200IIORD3
        SUSAP KORDK5GRW22L   0080752245 N41581172W087524708+0100    +016580065400005 5150IILQQ1
        SUSAP KORDK5GRW22R   0075002225 N41595113W087534694+0100    +016380064800004 9150IIRXZ1
        SUSAP KORDK5GRW27L   0112612730 N41590204W087532455+0200    +016460065000005 2150IIIAC3
        SUSAP KORDK5GRW27R   0075002730 N42001019W087535670+0100    +016860066400005 5150IIABU3
        SUSAP KORDK5GRW28    0130012729 N41580865W087530142+0200    +016500065100005 1150IITSL3
        SUSAP KORDK5GRW32L   0096853230 N41581230W087543684+0100    +016580065400005 0200D
        SUSAP KORDK5GRW32R   0100053230 N41585306W087533017+0000    +016400064800007 6150IIIDN1
```

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

ARINC SUMMARY - 424-18 - SID

| ROUTES | TRANSITION | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG(TRUE) | DISTANCE | ALTITUDE | SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RW04L | | 010 | | VA | | FB | | 042.5() | | AA 01180 | |
| | RW04L | | 020 | | VM | | FB | | 042.5() | | | |
| | RW04L | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW04R | | 010 | | VA | | FB | | 044.5() | | AA 01180 | |
| | RW04R | | 020 | | VM | | FB | | 044.5() | | | |
| | RW04R | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW09L | | 010 | | VA | | FB | | 093.0() | | AA 01180 | |
| | RW09L | | 020 | | VM | | FB | | 093.0() | | | |
| | RW09L | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW09R | | 010 | | VA | | FB | | 093.0() | | AA 01180 | |
| | RW09R | | 020 | | VM | | FB | | 093.0() | | | |
| | RW09R | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW10 | | 010 | | VA | | FB | | 092.9() | | AA 01180 | |
| | RW10 | | 020 | | VM | | FB | | 092.9() | | | |
| | RW10 | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW14B | | 010 | | VA | | FB | | 143.0() | | AA 01180 | |
| | RW14B | | 020 | | VM | | FB | | 143.0() | | | |
| | RW14B | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW22L | | 010 | | VA | | FB | | 224.5() | | AA 01180 | |
| | RW22L | | 020 | | VM | | FB | | 224.5() | | | |
| | RW22L | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW22R | | 010 | | VA | | FB | | 225.0() | | AA 01180 | |
| | RW22R | | 020 | | VM | | FB | | 225.0() | | | |
| | RW22R | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW27L | | 010 | | VA | | FB | | 273.0() | | AA 01180 | |
| | RW27L | | 020 | | VM | | FB | | 273.0() | | | |
| | RW27L | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW27R | | 010 | | VA | | FB | | 273.0() | | AA 01180 | |
| | RW27R | | 020 | | VM | | FB | | 273.0() | | | |
| | RW27R | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW28 | | 010 | | VA | | FB | | 272.9() | | AA 01180 | |
| | RW28 | | 020 | | VM | | FB | | 272.9() | | | |
| | RW28 | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | RW32B | | 010 | | VA | | FB | | 323.0() | | AA 01180 | |
| | RW32B | | 020 | | VM | | FB | | 323.0() | | | |
| | RW32B | AHLOU | 030 | | DF | | FB | 1.0 | | | | |
| | | AHLOU | 010 | | IF | | FB | | | | | |
| | | ACITO | 020 | | TF | | FB | 1.0 | 193.0() | 015.4 | | |
| | AKMIE | ACITO | 010 | | IF | | FB | | | | | |
| | AKMIE | ADELL | 020 | | TF | | FB | 1.0 | 201.7() | 009.4 | | |
| | AKMIE | AKMIE | 030 | | TF | | FB | 1.0 | 201.8() | 034.1 | | |
| | ARLYN | ACITO | 010 | | IF | | FB | | | | | |

QUALITY CHECKED

# DEPARTURE (DATA RECORD)

| DP Name | Number | DP Computer Code | Superseded Number | Dated | Effective Date |
|---|---|---|---|---|---|
| ACITO RNAV | ONE | ACITO1.ACITO | NONE | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ARLYN | ADELL | 020 | TF | FB | 1.0 | 201.7() | 009.4 |
| ARLYN | AKMIE | 030 | TF | FB | 1.0 | 201.8() | 034.1 |
| ARLYN | ARLYN | 040 | TF | FB | 1.0 | 201.8() | 025.0 |

POINT DATA

| WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|---|---|---|---|---|
| ACITO | N412355.00 | W0881100.00 | N4123.917 | W08811.000 |
| ADELL | N411459.00 | W0881500.00 | N4114.983 | W08815.000 |
| AHLOU | N413903.00 | W0880728.03 | N4139.050 | W08807.467 |
| AKMIE | N404238.77 | W0882928.05 | N4042.646 | W08829.468 |
| ARLYN | N401900.00 | W0884000.00 | N4019.000 | W08840.000 |
| RW04L | N415853.96 | W0875450.10 | N4158.899 | W08754.835 |
| RW04R | N415711.98 | W0875357.91 | N4157.200 | W08753.965 |
| RW09L | N420010.19 | W0875536.03 | N4200.170 | W08755.601 |
| RW09R | N415902.02 | W0875553.65 | N4159.034 | W08755.894 |
| RW10 | N415808.38 | W0875553.51 | N4158.140 | W08755.892 |
| RW14L | N415953.65 | W0875438.32 | N4159.894 | W08754.639 |
| RW14R | N415925.57 | W0875559.30 | N4159.426 | W08755.988 |
| RW22L | N415811.72 | W0875247.08 | N4158.195 | W08752.785 |
| RW22R | N415951.13 | W0875346.94 | N4159.852 | W08753.782 |
| RW27L | N415902.04 | W0875324.55 | N4159.034 | W08753.409 |
| RW27R | N420010.19 | W0875356.70 | N4200.170 | W08753.945 |
| RW28 | N415808.65 | W0875301.42 | N4158.144 | W08753.024 |
| RW32L | N415812.30 | W0875436.84 | N4158.205 | W08754.614 |
| RW32R | N415853.06 | W0875330.17 | N4158.884 | W08753.503 |

RUNWAY DATA

| RWY | THRESHOLD ELEVATION | TCH |
|---|---|---|
| RW04L | 00656 | 55 |
| RW04R | 00661 | 52 |
| RW09L | 00668 | 52 |
| RW09R | 00668 | 57 |
| RW10 | 00672 | 56 |
| RW14L | 00649 | 55 |
| RW14R | 00666 | 56 |
| RW22L | 00654 | 55 |
| RW22R | 00648 | 49 |
| RW27L | 00650 | 52 |
| RW27R | 00664 | 55 |
| RW28 | 00651 | 51 |
| RW32L | 00654 | 50 |
| RW32R | 00648 | 76 |

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ACITO **STATE:** IL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 412355.00N/0881100.00W **TYPE:** WP

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

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | ADELL (RNAV) | | | KMDW | CHICAGO | IL (US) |
| DP | CICERO | | | KMDW | CHICAGO | IL (US) |
| DP | MIDWAY | | | KMDW | CHICAGO | IL (US) |
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | O'HARE | | | KORD | CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KARR | CHICAGO/AURORA | IL (US) |
| DP | ADELL (RNAV) | | | KLOT | CHICAGO/ROMEOVILLE | IL (US) |
| DP | JORJO (RNAV) | | | KUGN | CHICAGO/WAUKEGAN | IL (US) |
| DP | ADELL (RNAV) | | | KDPA | CHICAGO/WEST CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KGYY | GARY | IN (US) |
| EN ROUTE | PITCH/CATCH FROM CHICAGO AIRSPACE | | | | | (US) |

**REQUIRED CHARTING:** DP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 11/20/2008

**REASON FOR REVISION:**
ADDED DEPARTURE TO AUTHORIZED USE.
ADDED DP TO CHART PUBLICATION.
UPDATED FIX USE.

**DEVELOPED BY:** **DATE:** 06/11/2008 **OFFICE:** AVN-120 **NAME:** KAREN GONZALEZ (SCOTT CORY)

**APPROVED BY:** **DATE:** 09/23/2008 **OFFICE:** AVN-120 **NAME:** JOHN BICKERSTAFF

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZAU, ZKC, ZID
**ATC FACILITY:**
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ADELL **STATE:** IL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 411459.00N/0881500.00W **TYPE:** WP

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

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | ADELL (RNAV) | | | KMDW | CHICAGO | IL (US) |
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KARR | CHICAGO/AURORA | IL (US) |
| DP | ADELL (RNAV) | | | KLOT | CHICAGO/ROMEOVILLE | IL (US) |
| DP | JORJO (RNAV) | | | KUGN | CHICAGO/WAUKEGAN | IL (US) |
| DP | ADELL (RNAV) | | | KDPA | CHICAGO/WEST CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KGYY | GARY | IN (US) |
| EN ROUTE | PITCH/CATCH FROM CHICAGO AIRSPACE | | | | | (US) |

**REQUIRED CHARTING:** DP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 01/10/2013

**REASON FOR REVISION:**
1. ADDED DP TO REQUIRED CHARTING.
2. ADDED FIX USE FOR ACITO, ADELL, AND JORJO RNAV DEPARTURES.

**DEVELOPED BY:** **DATE:** 07/12/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZAU, ZKC, ZID
**ATC FACILITY:**
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** AHLOU **STATE:** IL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 413903.00N/0880728.03W **TYPE:** WP

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

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | JORJO (RNAV) | | | KUGN | CHICAGO/WAUKEGAN | IL (US) |

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/10/2013

**DEVELOPED BY:** **DATE:** 07/12/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

**SIGNATURE:**

**DISTRIBUTION:** **NFDC**
**FPO:** CEN
**ARTCC:** ZAU
**ATC FACILITY:**
**OTHER:**

QUALITY CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** AKMIE **STATE:** IL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 404238.77N/0882928.05W **TYPE:** WP

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

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | ADELL (RNAV) | | | KMDW | CHICAGO | IL (US) |
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KARR | CHICAGO/AURORA | IL (US) |
| DP | ADELL (RNAV) | | | KLOT | CHICAGO/ROMEOVILLE | IL (US) |
| DP | JORJO (RNAV) | | | KUGN | CHICAGO/WAUKEGAN | IL (US) |
| DP | ADELL (RNAV) | | | KDPA | CHICAGO/WEST CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KGYY | GARY | IN (US) |

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/10/2013

**DEVELOPED BY:** **DATE:** 07/12/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZAU
**ATC FACILITY:**
**OTHER:**

QUALITY 3 CHECKED

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ARLYN **STATE:** IL **COUNTRY:** US

**LATITUDE/LONGITUDE:** 401900.00N/0884000.00W **TYPE:** WP

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

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|---|---|---|---|---|---|---|
| DP | ADELL (RNAV) | | | KMDW | CHICAGO | IL (US) |
| DP | ACITO (RNAV) | | | KORD | CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KARR | CHICAGO/AURORA | IL (US) |
| DP | ADELL (RNAV) | | | KLOT | CHICAGO/ROMEOVILLE | IL (US) |
| DP | JORJO (RNAV) | | | KUGN | CHICAGO/WAUKEGAN | IL (US) |
| DP | ADELL (RNAV) | | | KDPA | CHICAGO/WEST CHICAGO | IL (US) |
| DP | ADELL (RNAV) | | | KGYY | GARY | IN (US) |
| EN ROUTE | PITCH/CATCH FROM CHICAGO AIRSPACE | | | | | (US) |

**REQUIRED CHARTING:** DP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 01/10/2013

**REASON FOR REVISION:**
1. ADDED DP TO REQUIRED CHARTING.
2. ADDED FIX USE FOR ACITO, ADELL, AND JORJO RNAV DEPARTURES.

**DEVELOPED BY:** **DATE:** 07/12/2012 **OFFICE:** AJV-353 **NAME:** STEVE NELSON

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

**SIGNATURE:**

**DISTRIBUTION:**
**NFDC**
**FPO:** CEN
**ARTCC:** ZAU, ZKC, ZID
**ATC FACILITY:**
**OTHER:**

QUALITY 3 CHECKED

US Department of Transportation
Federal Aviation Administration

# FLIGHT PROCEDURES STANDARDS WAIVER

**FLIGHT STANDARDS USE ONLY**

**CONTROL NO:**

1. Flight Procedure Identification:

CHICAGO, IL
CHICAGO O'HARE INTL (KORD)
ACITO (RNAV) DEPARTURE PROCEDURE

2. Waiver Required and Applicable Standard:

FAAO 8260.46D, PARA 2-1 e. (2). MULTIPLE CLIMB GRADIENTS ARE REQUIRED ON THE ACITO (RNAV) DEPARTURE PROCEDURE TO COMPLY WITH NECESSARY ALTITUDE RESTRICTIONS.

3. Reason for Waiver *(Justification for nonstandard treatment)*:

ATC REQUIRES AIRCRAFT DEPARTING CHICAGO ON THE ACITO (RNAV) DEPARTURE PROCEDURE TO CROSS O'HARE VOR/DME 5 DME AT OR ABOVE 3,000 FT AND CROSS O'HARE VOR/DME 8 DME AT OR ABOVE 4,000 FT. THESE RESTRICTIONS ARE NECESSARY TO SEPARATE THE CHICAGO O'HARE INTERNATIONAL (KORD) DEPARTURES FROM CHICAGO-MIDWAY INTERNATIONAL AIRPORT (KMDW) AND DEPARTURES FROM OTHER CHICAGO SATELLITE AIRPORT OPERATIONS. SINCE DME ARCS CANNOT BE USED ON RNAV SIDS PER FAAO 8260.46D APPENDIX A PARA 1E, THE SHORTEST DISTANCE FROM THE DEPARTURE END OF EACH RUNWAY TO THE 5-DME ARC WAS MEASURED AND USED TO DETERMINE THE CLIMB GRADIENT NEEDED TO REACH 3,000 FT.

4. Equivalent Level of Safety Provided:

DATA COLLECTED ON DEPARTURES UTILIZING THE O'HARE SIX CONVENTIONAL SID DURING THE PERIOD FROM 23-27 APRIL 2012, WITH THE SAME CROSSING RESTRICTIONS IN PLACE, SHOW NO RECORDED PILOT DEVIATIONS FOR AIRCRAFT NOT MEETING THE CROSSING RESTRICTIONS.

A NOTE: IF UNABLE TO ACCEPT CLIMB GRADIENT, ADVISE ATC ON INITIAL CONTACT, IS INCLUDED ON THE PROCEDURE.

RADAR IS REQUIRED FOR ALL AIRCRAFT USING THIS PROCEDURE.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A

6. Coordination With User Organizations *(Specify)*:

AJV-353_____
AJV-351_____

7. SUBMITTED BY

| DATE: | Office Identification: | Title: | Signature: |
|---|---|---|---|
| | AJV-35 | MANAGER, TERMINAL PRODUCTS GROUP | GREGORY YAMAMOTO |

**FAA FORM 8260 - 1 / July 2003 (computer generated)**

| 8. CONTINUATION |
|---|
| Comments: |

| 9. AFS ACTION | | |
|---|---|---|
| | | Approved |
| | | Disapproved |
| | | Not Required |

| Comments: | | |
|---|---|---|
| Date: | Routing Symbol: | Signature: |

APPROVAL REQUEST

SID ACITO (RNAV) ONE, Chicago O'Hare INTL (KORD), Chicago, IL.

Climb gradients exceed 500 FT PER NM, Order 8260.46D, PARA 2-1d(2).

Request approval for climb gradients in excess of 500 FT per NM to 3000 FT, for the following RWYS at Chicago O'Hare INTL (KORD)

**RWY 4L:** 547 FT PER NM TO 3000
**RWY 4R:** 690 FT PER NM TO 3000
**RWY 9L:** 570 FT PER NM TO 3000
**RWY 9R:** 541 FT PER NM TO 3000
**RWY 10:** 672 FT PER NM TO 3000
**RWY 14L:** 547 FT PER NM TO 3000
**RWY 14R:** 670 FT PER NM TO 3000
**RWY 22L:** 807 FT PER NM TO 3000
**RWY 22R:** 521 FT PER NM TO 3000
**RWY 27L:** 532 FT PER NM TO 3000
**RWY 27R:** 631 FT PER NM TO 3000
**RWY 28:** 685 FT PER NM TO 3000
**RWY 32L:** 631 FT PER NM TO 3000
**RWY 32R:** 587 FT PER NM TO 3000

These climb gradients are necessary for aircraft to reach O'Hare VOR/DME 5 DME at 3000 FT, to separate the Chicago O'Hare INTL (KORD) departures from Chicago-Midway INTL (KMDW) airport and departures from other Chicago satellite airport operations.

| | |
|---|---|
| Name: | enanders |
| Project Name: | |
| Output File: | KORD ACITO SID AHLOU AKMIE 20120816_0824 |
| Procedure Name: | ACITO |
| Software: | RNAV-Pro™ |
| Version: | 2.36 |
| Date/Time: | 8/16/2012 8:24:52 AM |
| Input File: | KORD_SID ACITO AHLOU AKMIE 20120816_0808.txt |
| Databases: | AVNIS Date: 02/07/2012 |
| | Obstacle Date: 08/26/2011 |
| | NFD Date: 09/30/2010 |
| | DTED® (MAX) Date: 2002 |

## Results Summary:

| | |
|---|---|
| Flyability | ✔ |
| DME/DME | ✔ |
| Radars | ✔ |
| Comms | ? |
| TERPS | ? |

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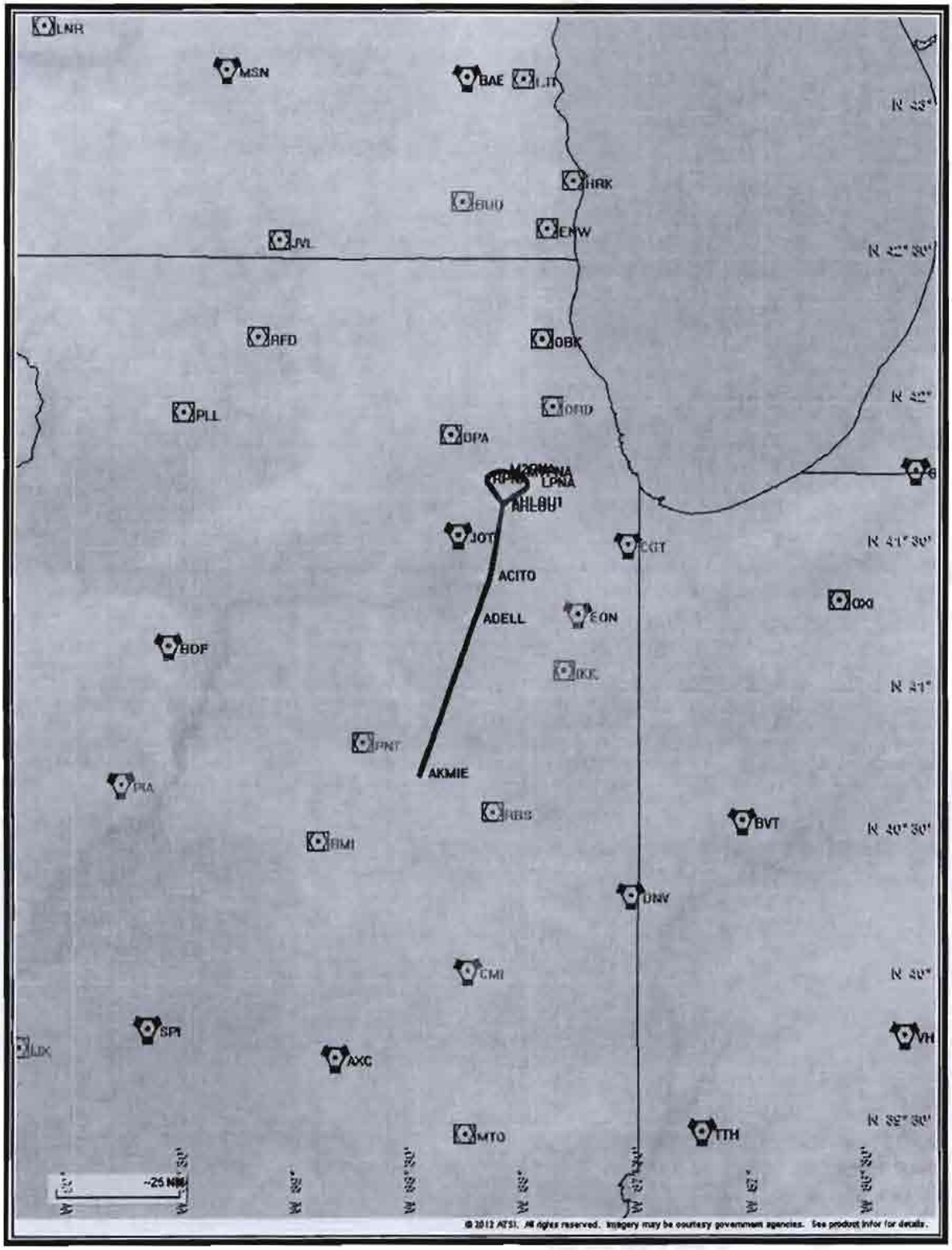
LNR
MSN
BAE
LIT
HRK
BUU
ENW
JVL
RFD
OBK
PLL
OFD
OPA
LPNA
AHLOU1
JOT
CGT
ACITO
ADELL
EON
OXI
BDF
IKK
PNT
AKMIE
PIA
RBS
BVT
BMI
DNV
CMI
SPI
VH
AXC
MTO
TTH
~25 NM
N 43°
N 42° 30'
N 42°
N 41° 30'
N 41°
N 40° 30'
N 40°
N 39° 30'
W 93° 30'
W 93°
W 92° 30'
W 92°
W 91° 30'
W 91°
W 90° 30'
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## Flight Plan

Return To Summary

| Name | Type | Lat/Lon | Alt [Ft] | VNAV Mode | IAS [Kts] | Turn Type | Leg Type |
|---|---|---|---|---|---|---|---|
| AHLOU | WP | N 41° 39' 3.00"<br>W 88° 7' 28.03" | 4000.0 | VNAV | 200.0 | Fly Over | TF |
| LPNA | WP | N 41° 43' 4.18"<br>W 87° 59' 49.01" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| M1PNA | WP | N 41° 45' 23.98"<br>W 88° 3' 31.48" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| M2PNA | WP | N 41° 46' 1.55"<br>W 88° 8' 17.62" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| RPNA | WP | N 41° 44' 46.79"<br>W 88° 12' 50.41" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| AHLOU1 | WP | N 41° 39' 3.00"<br>W 88° 7' 28.03" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| ACITO | WP | N 41° 23' 55.00"<br>W 88° 11' 0.00" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| ADELL | WP | N 41° 14' 59.00"<br>W 88° 15' 0.00" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| AKMIE | WP | N 40° 42' 38.77"<br>W 88° 29' 28.05" | 4000.0 | VNAV | 200.0 | Fly Over | TF |

| Flyability | Return To Summary |
|---|---|
| Settings: | **Flight Type:** Departure with PNA<br>**Selected Airport:** KORD<br>**Aircraft Category:** Cat D<br>**Climb Gradient:** *None assigned*<br>**Ground Speeds:**<br>Table:<br>**200.0 Kts** up to **11000.0 Ft.**<br>**240.0 Kts** up to **18000.0 Ft.**<br>**260.0 Kts** up to **24000.0 Ft.**<br>**340.0 Kts** up to **99900.0 Ft.**<br>**Wind Settings:** *None assigned*<br>**Descent During a Turn:** Allowed<br>**VNAV Mode:** Flight Plan |
| Entire track is fly-able | |

| DME/DME | Return To Summary |
|---|---|
| Settings: | **RNP:** 2.0<br>**Flight Mode:** Manual<br>**Line of Sight (DTED Level 0 Max):** Evaluated<br>**DME Restrictions:** Evaluated<br>**Inertial Drift:** Enabled<br>**Initial Drift:** 0.558 NM<br>**INS Drift Rate:** 8.000 NM/Hour<br>**Range Mode:** OSV<br>**Co-Frequencies:** Evaluated<br>**RNP Edges:** Evaluated<br>**Min DME Range:** 3.0 NM<br>**Allowed Gap Length:** 4.0 NM<br>**DME Types:** VOR/DME , VORTAC , TACAN , and User<br>**DME Include Angles:** 30 to 150<br>**Critical DMEs:** Allowed<br>**DoD Facilities:** Not included<br>**Foreign Facilities:** Not included<br>**Low & Terminal DMEs:** Included<br>**Flight Check DMEs:** Selected<br>**Higher Altitudes:** Evaluated<br>**Near Maximum Altitude:** Evaluated |

**Total Number of DMEs Used:** 9

Maximum DME Error 0.307 NM

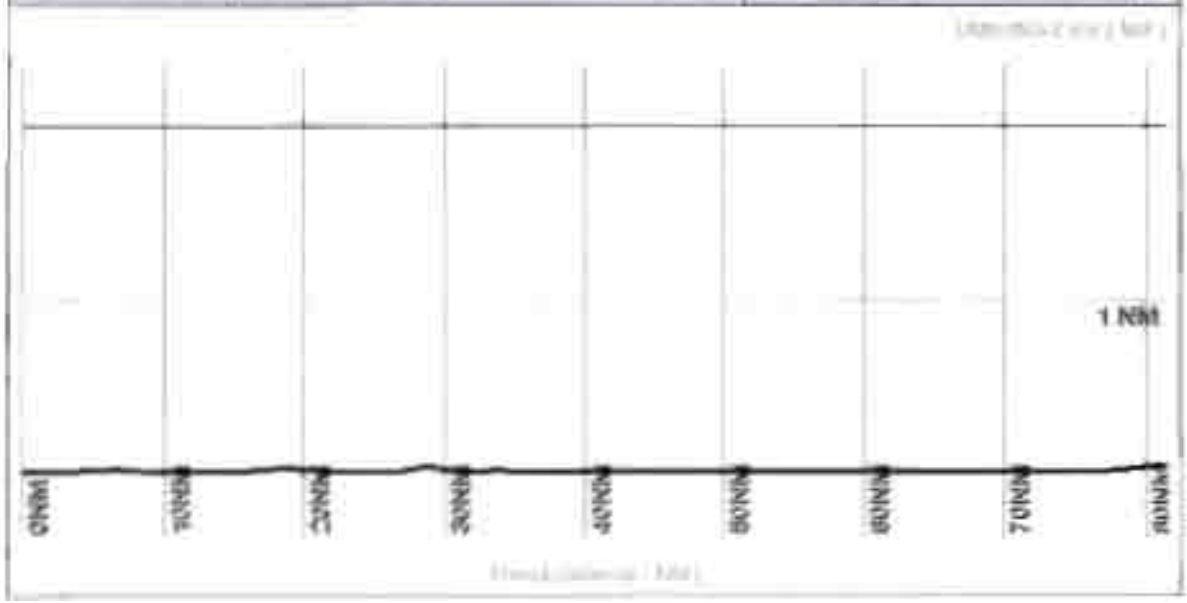
No Critical DMEs were found

**Available DMEs:** DPA, EON, JOT, OBK, ORD, IKK, CGT, PNT, RBS, BMI

**Foreign DMEs within range:** YQG

## DME/DME (Continued.)

Return To Summary



## DME/DME (Continued.)

Return To Summary

### DMEs Used

| # | Name | Lat/Lon/MAGVAR | Range | Source | Critical | Err. [NM] | Status | Time | Distance |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DPA | N 41° 53' 25.30" W 88° 21' 0.62" E 2 | L | Database | NO | 0.318 | Enabled | 34.6 % | 34.5 % |
| 2 | JOT | N 41° 32' 47.10" W 88° 19' 6.28" E 2 | H | Database | NO | 0.378 | Enabled | 40.1 % | 40.0 % |
| 3 | EON | N 41° 16' 10.68" W 87° 47' 27.79" E 2 | L | Database | NO | 0.307 | Enabled | 17.7 % | 17.7 % |
| 4 | ORD | N 41° 59' 15.62" W 87° 54' 17.59" E 2 | L | Database | NO | 0.400 | Enabled | 20.3 % | 20.3 % |
| 5 | IKK | N 41° 4' 27.77" W 87° 51' 0.59" E 0 | L | Database | NO | 0.311 | Enabled | 24.3 % | 24.4 % |
| 6 | CGT | N 41° 30' 36.02" W 87° 34' 17.57" E 2 | L | Database | NO | 0.525 | Enabled | 11.5 % | 11.5 % |
| 7 | PNT | N 40° 49' 16.32" W 88° 44' 0.63" E 3 | L | Database | NO | 0.309 | Enabled | 10.6 % | 10.6 % |
| 8 | RBS | N 40° 34' 54.13" W 88° 9' 51.35" E 2 | L | Database | NO | 0.537 | Enabled | 30.7 % | 30.7 % |
| 9 | BMI | N 40° 28' 50.90" W 88° 55' 52.56" E 3 | L | Database | NO | 0.307 | Enabled | 10.2 % | 10.2 % |

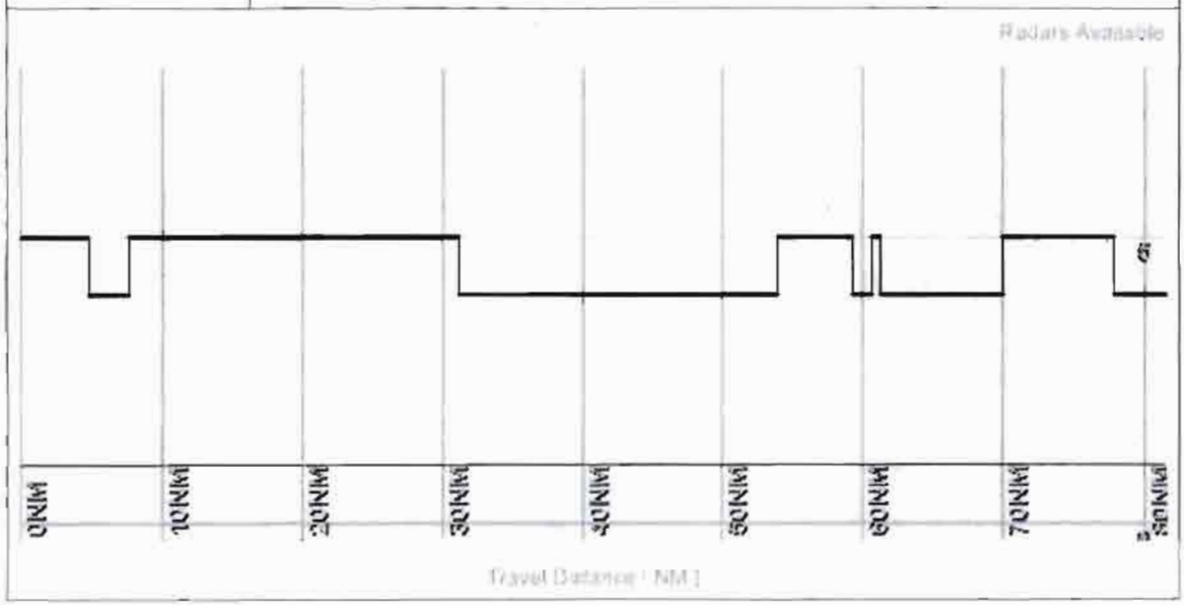
### Flight Check DME Selection

| Distance [NM] | Selected DMEs | | | | | Alternate |
|---|---|---|---|---|---|---|
| 0.0 | DPA | JOT | EON | ORD | OBK | |
| 5.1 | DPA | JOT | EON | ORD | OBK | |
| 6.9 | DPA | JOT | EON | ORD | OBK | |
| 12.6 | DPA | JOT | EON | ORD | OBK | |
| 14.8 | DPA | JOT | EON | ORD | OBK | IKK |
| 21.9 | DPA | JOT | IKK | ORD | CGT | EON |
| 37.6 | DPA | JOT | IKK | PNT | CGT | EON |
| 47.3 | EON | JOT | IKK | PNT | RBS | CGT |
| 65.6 | EON | BMI | IKK | PNT | RBS | JOT |

## Radar Analysis

Return To Summary

**Settings:** **Radar Types:** ARSR and ASR



| | |
|---|---|
| **Name:** | enanders |
| **Project Name:** | |
| **Output File:** | KORD ACITO SID AHLOU ARLYN 20120816_0836 |
| **Procedure Name:** | ACITO |
| **Software:** | RNAV-Pro™ |
| **Version:** | 2.36 |
| **Date/Time:** | 8/16/2012 8:38:57 AM |
| **Input File:** | KORD_SID ACITO_AHLOU_ARLYN_ 20120303.TXT |
| **Databases:** | AVNIS Date: 02/07/2012 |
| | Obstacle Date: 08/26/2011 |
| | NFD Date: 09/30/2010 |
| | DTED® (MAX) Date: 2002 |

## Results Summary:

| | |
|---|---|
| **Flyability** | ✔ |
| **DME/DME** | ✔ |
| **Radars** | ✔ |
| **Comms** | ? |
| **TERPS** | ? |

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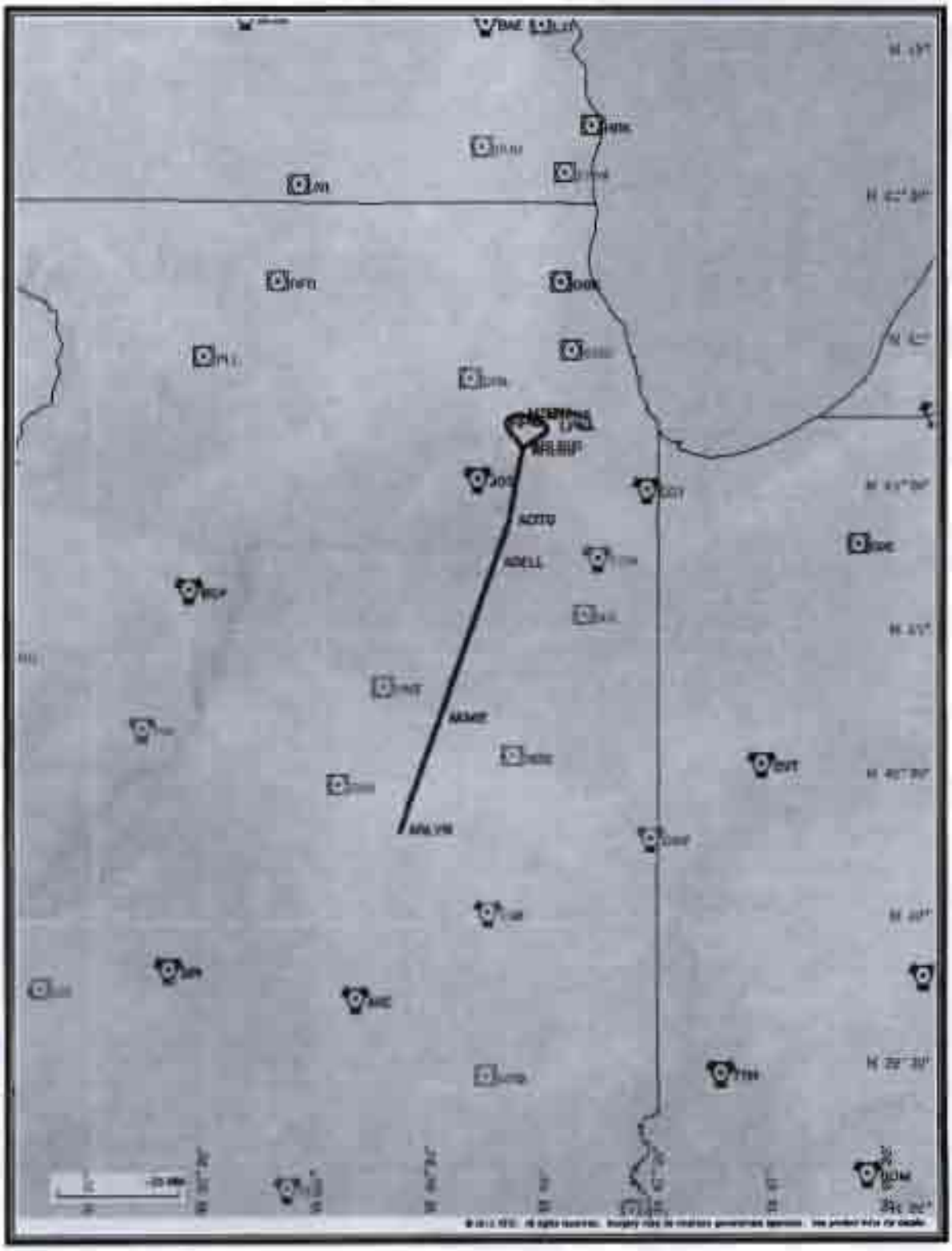

ACITO
ARLYN

## Flight Plan

Return To Summary

| Name | Type | Lat/Lon | Alt [Ft] | VNAV Mode | IAS [Kts] | Turn Type | Leg Type |
|---|---|---|---|---|---|---|---|
| AHLOU | WP | N 41° 39' 3.00"<br>W 88° 7' 28.03" | 4000.0 | VNAV | 200.0 | Fly Over | TF |
| LPNA | WP | N 41° 43' 4.18"<br>W 87° 59' 49.01" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| M1PNA | WP | N 41° 45' 23.98"<br>W 88° 3' 31.48" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| M2PNA | WP | N 41° 46' 1.55"<br>W 88° 8' 17.62" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| RPNA | WP | N 41° 44' 46.79"<br>W 88° 12' 50.41" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| AHLOU1 | WP | N 41° 39' 3.00"<br>W 88° 7' 28.03" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| ACITO | WP | N 41° 23' 55.00"<br>W 88° 11' 0.00" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| ADELL | WP | N 41° 14' 59.00"<br>W 88° 15' 0.00" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| AKMIE | WP | N 40° 42' 38.77"<br>W 88° 29' 28.05" | 4000.0 | VNAV | 200.0 | Fly By | TF |
| ARLYN | WP | N 40° 19' 0.00"<br>W 88° 40' 0.00" | 4000.0 | VNAV | 200.0 | Fly Over | TF |

| Flyability | Return To Summary |
|---|---|
| **Settings:** | **Flight Type:** Departure with PNA<br>**Selected Airport:** KORD<br>**Aircraft Category:** Cat D<br>**Climb Gradient:** *None assigned*<br>**Ground Speeds:**<br>Table:<br>**200.0 Kts** up to **11000.0 Ft.**<br>**240.0 Kts** up to **18000.0 Ft.**<br>**260.0 Kts** up to **24000.0 Ft.**<br>**340.0 Kts** up to **99900.0 Ft.**<br>**Wind Settings:** *None assigned*<br>**Descent During a Turn:** Allowed<br>**VNAV Mode:** Flight Plan |
| Entire track is fly-able. | |

| DME/DME | Return To Summary |
|---|---|
| **Settings:** | **RNP:** 2.0<br>**Flight Mode:** Manual<br>**Line of Sight (DTED Level 0 Max):** Evaluated<br>**DME Restrictions:** Evaluated<br>**Inertial Drift:** Enabled<br>**Initial Drift:** 0.558 NM<br>**INS Drift Rate:** 8.000 NM/Hour<br>**Range Mode:** OSV<br>**Co-Frequencies:** Evaluated<br>**RNP Edges:** Evaluated<br>**Min DME Range:** 3.0 NM<br>**Allowed Gap Length:** 4.0 NM<br>**DME Types:** VOR/DME , VORTAC , TACAN , and User<br>**DME Include Angles:** 30 to 150<br>**Critical DMEs:** Allowed<br>**DoD Facilities:** Not included<br>**Foreign Facilities:** Not included<br>**Low & Terminal DMEs:** Included<br>**Flight Check DMEs:** Selected<br>**Higher Altitudes:** Evaluated<br>**Near Maximum Altitude:** Evaluated |

**Total Number of DMEs Used:** 10

Maximum DME Error: 0.307 NM.

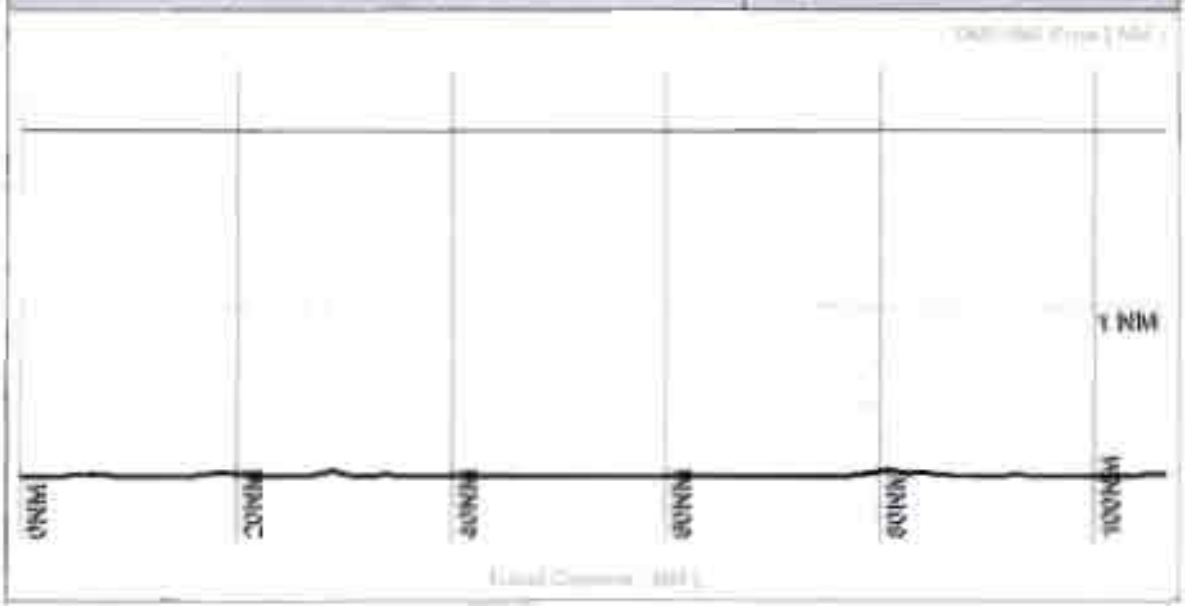
No Critical DMEs were found

**Available DMEs:** DPA, EON, JOT, OBK, ORD, IKK, CGT, PNT, RBS, BMI, CMI, AXC

**Foreign DMEs within range:** YQG

## DME/DME (Continued.)

Return To Summary



## DME/DME (Continued.)

Return To Summary

### *DMEs Used*

| # | Name | Lat/Lon/MAGVAR | Range | Source | Critical | Err. [NM] | Status | Time | Distance |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DPA | N 41° 53' 25.30" W 88° 21' 0.62" E 2 | L | Database | NO | 0.318 | Enabled | 26.4 % | 26.4 % |
| 2 | JOT | N 41° 32' 47.10" W 88° 19' 6.28" E 2 | H | Database | NO | 0.378 | Enabled | 30.7 % | 30.6 % |
| 3 | EON | N 41° 16' 10.68" W 87° 47' 27.79" E 2 | L | Database | NO | 0.307 | Enabled | 13.6 % | 13.6 % |
| 4 | ORD | N 41° 59' 15.62" W 87° 54' 17.59" E 2 | L | Database | NO | 0.400 | Enabled | 15.5 % | 15.6 % |
| 5 | IKK | N 41° 4' 27.77" W 87° 51' 0.59" E 0 | L | Database | NO | 0.311 | Enabled | 20.1 % | 20.1 % |
| 6 | CGT | N 41° 30' 36.02" W 87° 34' 17.57" E 2 | L | Database | NO | 0.525 | Enabled | 8.8 % | 8.8 % |
| 7 | PNT | N 40° 49' 16.32" W 88° 44' 0.63" E 3 | L | Database | NO | 0.470 | Enabled | 19.1 % | 19.1 % |
| 8 | RBS | N 40° 34' 54.13" W 88° 9' 51.36" E 2 | L | Database | NO | 0.537 | Enabled | 36.1 % | 36.1 % |
| 9 | BMI | N 40° 28' 50.90" W 88° 55' 52.56" E 3 | L | Database | NO | 0.492 | Enabled | 17.2 % | 17.2 % |
| 10 | CMI | N 40° 2' 4.30" W 88° 16' 33.82" E 3 | L | Database | NO | 0.307 | Enabled | 12.5 % | 12.5 % |

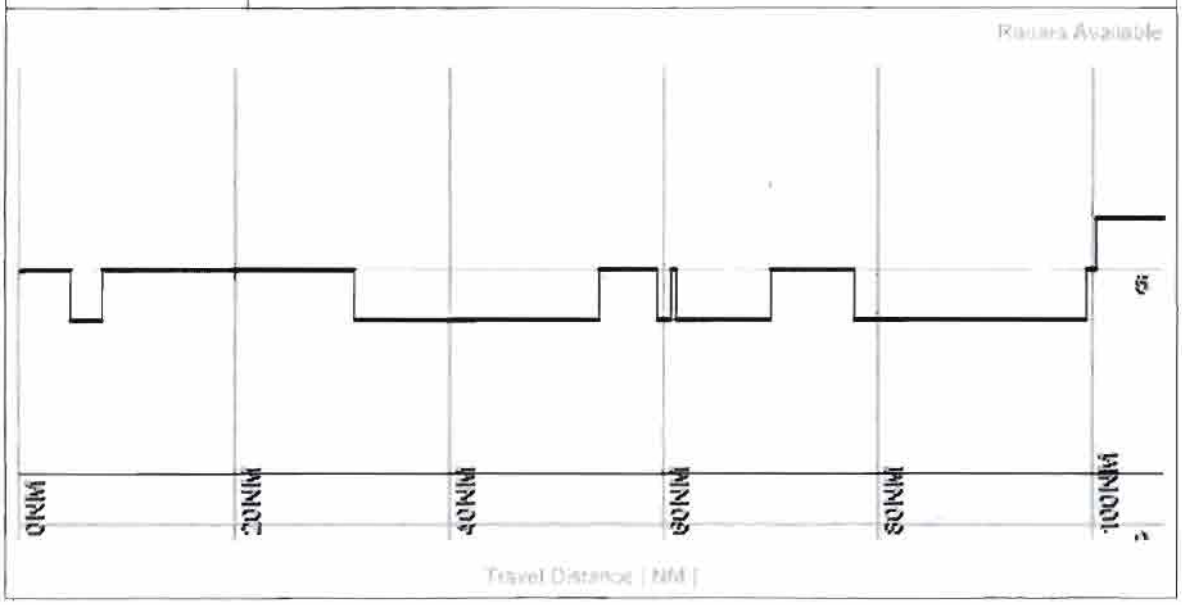
### *Flight Check DME Selection*

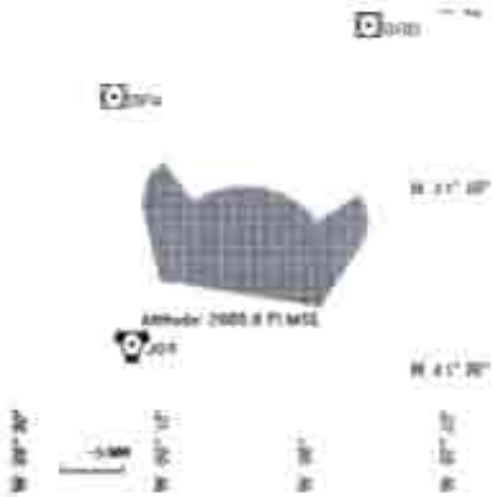
| Distance [NM] | Selected DMEs | | | | | Alternate |
|---|---|---|---|---|---|---|
| 0.0 | DPA | JOT | EON | ORD | OBK | |
| 5.1 | DPA | JOT | EON | ORD | OBK | |
| 8.9 | DPA | JOT | EON | ORD | OBK | |
| 12.6 | DPA | JOT | EON | ORD | OBK | |
| 14.8 | DPA | JOT | EON | ORD | OBK | IKK |
| 21.9 | DPA | JOT | IKK | ORD | CGT | EON |
| 37.6 | DPA | JOT | IKK | PNT | CGT | EON |
| 47.3 | EON | JOT | IKK | PNT | RBS | CGT |
| 65.6 | EON | BMI | IKK | PNT | RBS | JOT |
| 81.5 | CMI | BMI | IKK | PNT | RBS | |
| 91.6 | CMI | BMI | AXC | PNT | RBS | |

## Radar Analysis

Return To Summary

**Settings:** **Radar Types:** ARSR and ASR





| | |
|---|---|
| Name: | enanders |
| Project Name: | |
| Software: | RNAV-Pro™ |
| Version: | 2.35 |
| Date/Time: | 12/22/2011 10:03:44 AM |
| Input File: | Grid Area Assessment |
| Databases: | AVNIS Date: 08/25/2011 |
| | NFD Date: 07/02/2009 |
| | DTED® (MAX) Date: 2002 |

## Results Summary:

| | | |
|---|---|---|
| Grid | ✔ | DME/DME Grid Analysis |

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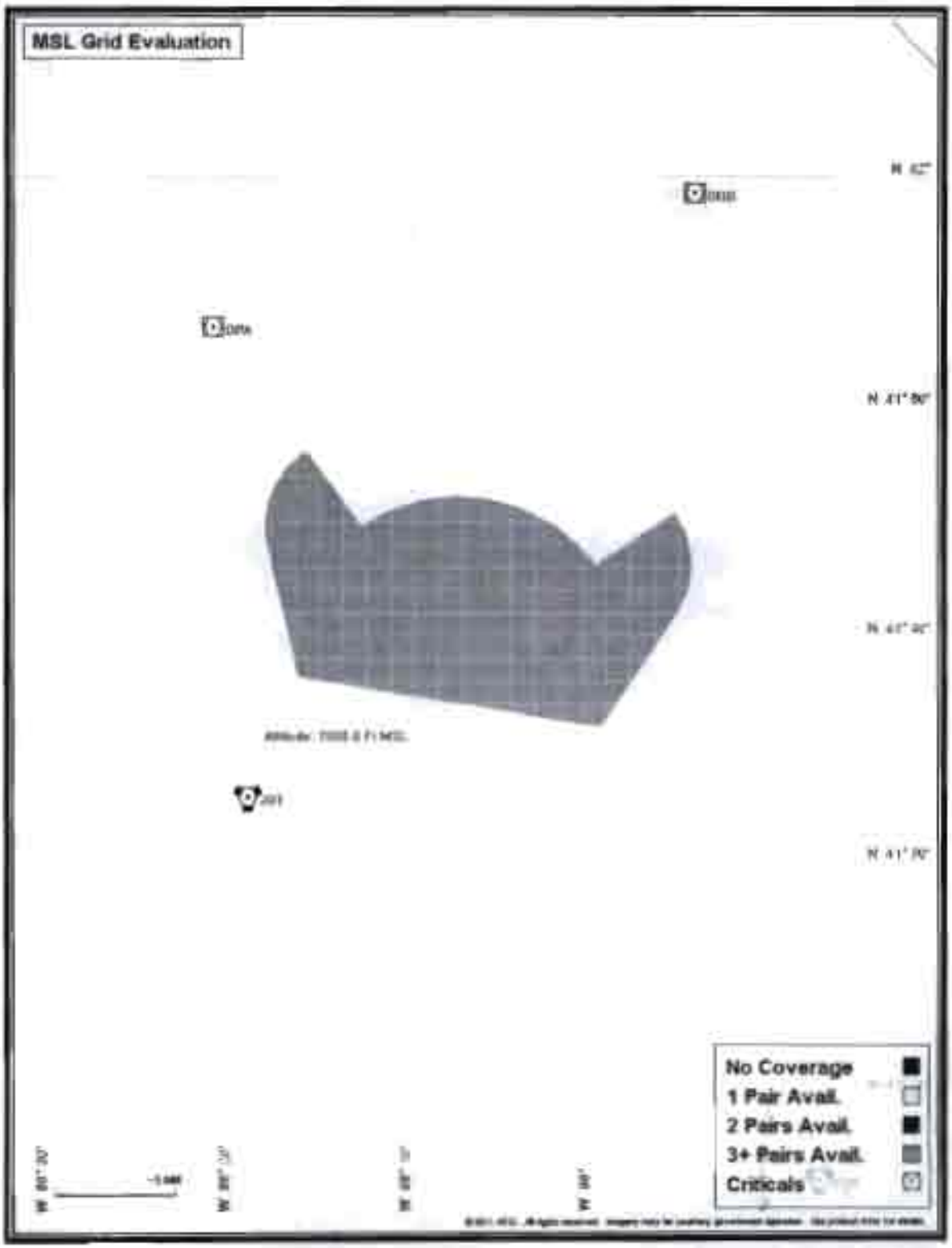
MSL Grid Evaluation
No Coverage
1 Pair Avail.
2 Pairs Avail.
3+ Pairs Avail.
Criticals

## DME/DME Grid Analysis

Return To Summary

**Coverage Exists**

**Settings:**

**Polygon Grid Definition:**

| | | | |
|---|---|---|---|
| 1 | Lat: N 41° 43' 4.21"<br>Lon: W 87° 59' 49.04" | 21 | Lat: N 41° 46' 44.64"<br>Lon: W 88° 17' 29.85" |
| 2 | Lat: N 41° 45' 22.10"<br>Lon: W 87° 55' 26.60" | 22 | Lat: N 41° 47' 9.26"<br>Lon: W 88° 17' 8.59" |
| 3 | Lat: N 41° 44' 57.11"<br>Lon: W 87° 55' 6.13" | 23 | Lat: N 41° 47' 31.76"<br>Lon: W 88° 16' 43.47" |
| 4 | Lat: N 41° 44' 30.44"<br>Lon: W 87° 54' 49.88" | 24 | Lat: N 41° 47' 51.80"<br>Lon: W 88° 16' 14.87" |
| 5 | Lat: N 41° 44' 2.48"<br>Lon: W 87° 54' 38.10" | 25 | Lat: N 41° 48' 3.24"<br>Lon: W 88° 15' 54.84" |
| 6 | Lat: N 41° 43' 33.66"<br>Lon: W 87° 54' 30.96" | 26 | Lat: N 41° 44' 46.77"<br>Lon: W 88° 12' 50.45" |
| 7 | Lat: N 41° 43' 4.39"<br>Lon: W 87° 54' 28.56" | 27 | Lat: N 41° 44' 46.77"<br>Lon: W 88° 12' 50.45" |
| 8 | Lat: N 41° 42' 35.13"<br>Lon: W 87° 54' 30.94" | 28 | Lat: N 41° 45' 13.67"<br>Lon: W 88° 11' 52.11" |
| 9 | Lat: N 41° 42' 6.30"<br>Lon: W 87° 54' 38.06" | 29 | Lat: N 41° 45' 35.04"<br>Lon: W 88° 10' 49.82" |
| 10 | Lat: N 41° 41' 38.34"<br>Lon: W 87° 54' 49.81" | 30 | Lat: N 41° 45' 50.56"<br>Lon: W 88° 9' 44.51" |
| 11 | Lat: N 41° 41' 11.66"<br>Lon: W 87° 55' 6.02" | 31 | Lat: N 41° 46' 0.00"<br>Lon: W 88° 8' 37.15" |
| 12 | Lat: N 41° 40' 55.37"<br>Lon: W 87° 55' 18.68" | 32 | Lat: N 41° 46' 3.20"<br>Lon: W 88° 7' 28.76" |
| 13 | Lat: N 41° 35' 57.83"<br>Lon: W 87° 59' 30.85" | 33 | Lat: N 41° 46' 0.13"<br>Lon: W 88° 6' 20.35" |
| 14 | Lat: N 41° 38' 11.16"<br>Lon: W 88° 16' 21.63" | 34 | Lat: N 41° 45' 50.82"<br>Lon: W 88° 5' 12.96" |
| 15 | Lat: N 41° 43' 54.38"<br>Lon: W 88° 18' 3.31" | 35 | Lat: N 41° 45' 35.43"<br>Lon: W 88° 4' 7.59" |
| 16 | Lat: N 41° 44' 23.32"<br>Lon: W 88° 18' 9.52" | 36 | Lat: N 41° 45' 14.18"<br>Lon: W 88° 3' 5.23" |
| 17 | Lat: N 41° 44' 52.62"<br>Lon: W 88° 18' 10.98" | 37 | Lat: N 41° 44' 47.39"<br>Lon: W 88° 2' 6.80" |

| DME/DME Grid Analysis (Continued.) | Return To Summary |
|---|---|
| Coverage Exists | |
| Settings: | **Polygon Grid Definition:**<br>**18** Lat: N 41° 45' 21.83" Lon: W 88° 18' 7.65"<br>**19** Lat: N 41° 45' 50.52" Lon: W 88° 17' 59.60"<br>**20** Lat: N 41° 46' 18.26" Lon: W 88° 17' 46.94"<br>**38** Lat: N 41° 44' 15.46" Lon: W 88° 1' 13.18"<br>**39** Lat: N 41° 43' 38.87" Lon: W 88° 0' 25.18"<br>**40** Lat: N 41° 43' 4.21" Lon: W 87° 59' 49.04"<br>**Lat Step:** 1 NM<br>**Lon Step:** 1 NM<br>**Line of Sight (DTED Level 0 Max):** Evaluated<br>**DME Restrictions:** Evaluated<br>**Co-Frequencies:** Evaluated<br>**Min DME Range:** 3.0 NM<br>**Allowed Gap Length:** 4.0 NM<br>**DME Types:** VOR/DME and VORTAC<br>**DME Include Angles:** 30 to 150<br>**DoD Facilities:** Not included<br>**Foreign Facilities:** Not included<br>**Low & Terminal DMEs:** Included<br>**Altitude:** Scanning For Minimum Passing Alt every 1000.0 Ft. MSL |

## DME/DME Grid Analysis (Continued.)

Return To Summary

| | |
|---|---|
| **Passing Altitude:** | 2000.0 Ft. |
| **Maximum Gap:** | 0.0 NM |
| **Maximum Critical Gap:** | 0.0 NM |

| | **AGL Altitudes** |
|---|---|
| Min Cell Altitude | 1,209.3 Ft. |
| Max Cell Altitude | 1,386.5 Ft. |
| Mean Cell Altitude | 1,288.2 Ft. |
| Std. Dev. Cell Altitude | 38.9 Ft. |

*Statistics based only on passing cells*

**Most Used DMEs:** ORD (171), OBK (171), JOT (171), EON (171), DPA (171), IKK (98), and CGT (66).