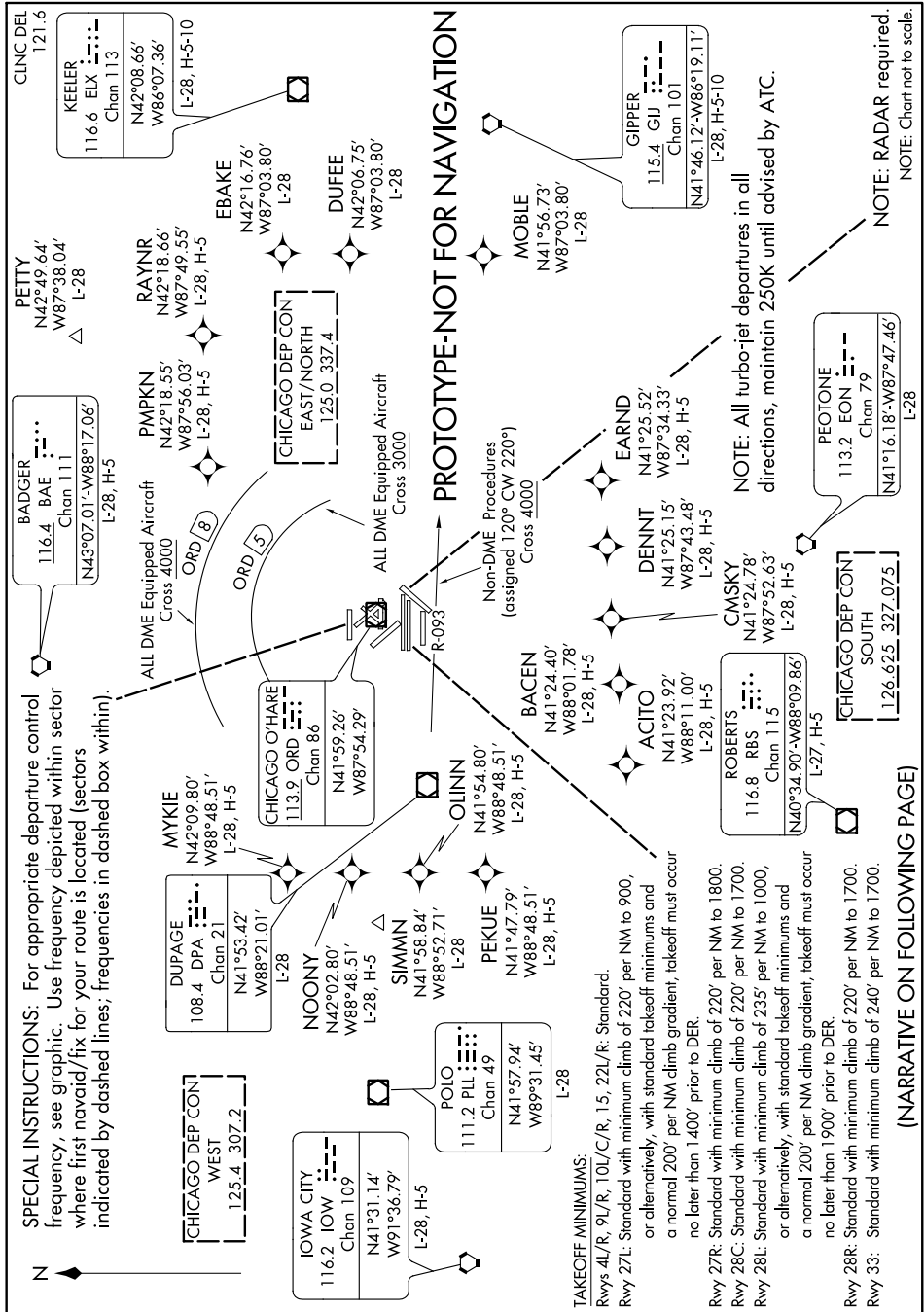


<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> SID	<b>Date Open:</b> 08/21/2014	<b>Task #:</b> 2014082125137503001	<b>Request #:</b> 20140821251375
<b>Procedure:</b> SID OHARE TWO CHICAGO IL KORD			<b>Airport ID:</b> KORD	<b>Airport:</b> CHICAGO O'HARE INTL		<b>Reimbursable #:</b> NO
<b>City:</b> CHICAGO	<b>ST:</b> IL	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 05/26/2016		<b>FICO #:</b>	
<b>Fac ID:</b> N/A		<b>Fac. Type:</b>		<b>Specialist:</b> KELLY DEAN		
<b>Procedure Review</b>						
	<b>Rec'd</b>	<b>Rel'd</b>	<b>Full Name</b>	<b>Comments</b>		
<b>Lead:</b>	10/23/2015					
<b>QA:</b>			J ZEDER 2/10/16 16			
<b>Liaison:</b>						
<b>Procedure Comments:</b>			ENROUTE	<b>Remark Type:</b> INFORMATION		
ABREV AMDT				UNABLE TO CODE		
FOR QUESTIONS, CONTACT JACOB POWERS 405-954-8702				AS DESIGNED		



# O'HARE TWO DEPARTURE



(NARRATIVE ON FOLLOWING PAGE)

CHICAGO, ILLINOIS

CHICAGO O'HARE INTL (ORD)

## O'HARE TWO DEPARTURE



## DEPARTURE ROUTE DESCRIPTION

ALL AIRCRAFT: Expect RADAR vectors to first enroute navaid/fix.

Expect clearance to requested altitude/flight level ten minutes after departure.

ALL DME EQUIPPED AIRCRAFT: Cross 5 DME arc of ORD VOR/DME at or above 3000 MSL, cross 8 DME arc of ORD VOR/DME at or above 4000, maintain 5000 or assigned altitude. If unable to comply advise ATC as soon as possible prior to departure.

NON-DME PROCEDURES: Aircraft initially assigned heading 120 CW 220, cross DPA VOR/DME R-093 at or above 4000, maintain 5000 or assigned altitude. If unable to comply advise ATC as soon as possible prior to departure.

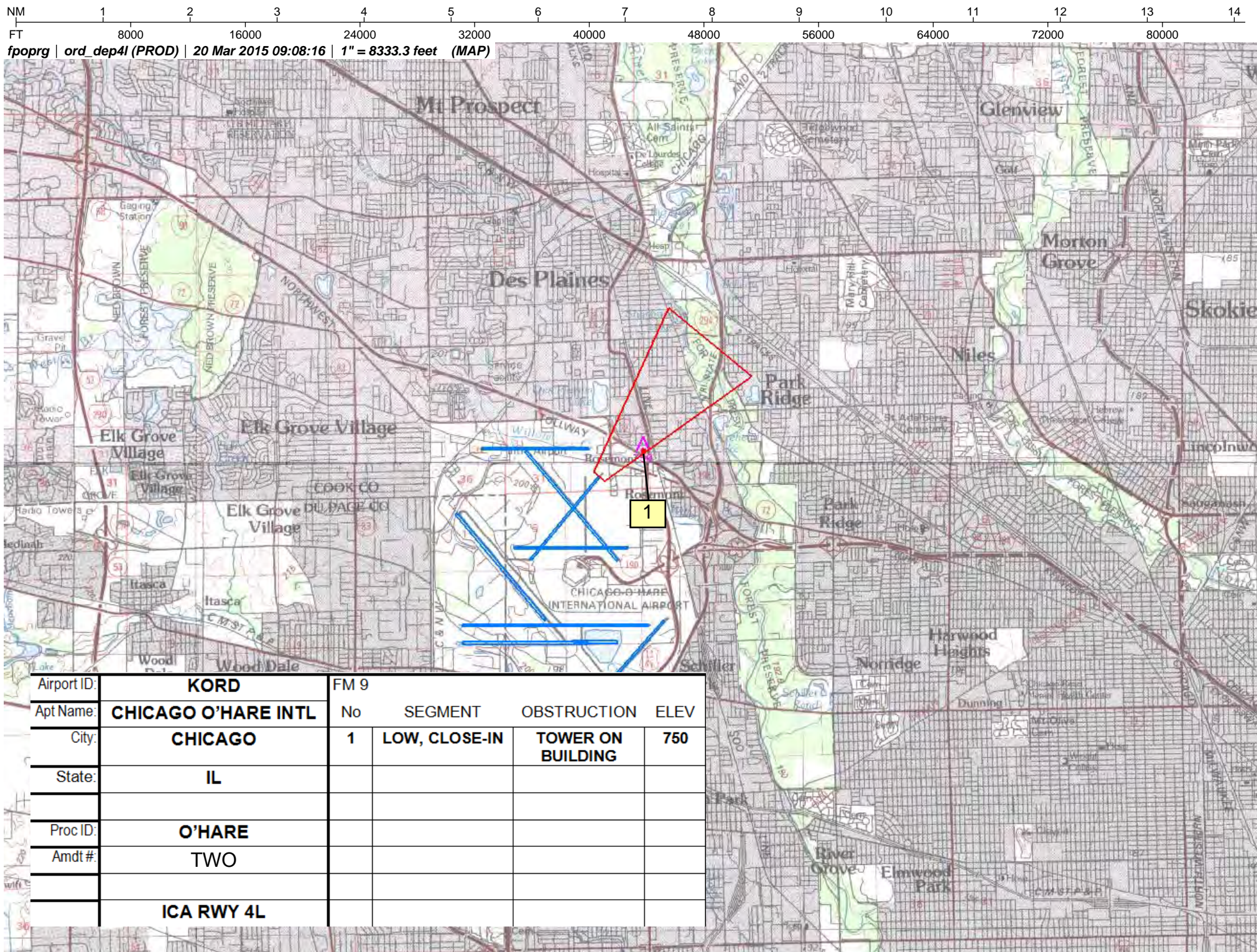
## PROTOTYPE-NOT FOR NAVIGATION

TAKEOFF OBSTACLES NOTES:

- Rwy 4L: Tower on building 3301' from DER, 1207' right of centerline, 109' AGL/750' MSL.
- Rwy 4R: Taxiing aircraft 152' from DER, 328' left of centerline, up to 80' AGL/735' MSL.  
Trees 809' from DER, 611' right of centerline, up to 36' AGL/675' MSL.
- Rwy 9L: Building 2771' from DER, 1233' right of centerline, 94' AGL/745' MSL.
- Rwy 9R: Pole 876' from DER, 688' right of centerline 29' AGL/673' MSL.
- Rwy 10C: Glideslope antenna 1170' from DER, 777' left of centerline, 41' AGL/694' MSL.
- Rwy 10L: Taxiing aircraft 32' from DER, 440' left of centerline, up to 80' AGL/735' MSL.  
Sign and tower on building beginning 2517' from DER, 731' right of centerline, up to 88' AGL/732' MSL. Tower 3957' from DER, 1289' right of centerline, 127' AGL/771' MSL.
- Rwy 10R: Fences beginning 10' from DER, 44' right of centerline, up to 12' AGL/665' MSL.  
Bush, fences, and poles beginning 34' from DER, 195' left of centerline, up to 26' AGL/686' MSL.  
Trees beginning 2202' from DER, 587' right of centerline, up to 71' AGL/724' MSL.  
Tower 4381' from DER, 1537' right of centerline, 138' AGL/738' MSL.
- Rwy 15: Taxiing aircraft 1105' from DER, 766' right of centerline, up to 80' AGL/736 MSL.
- Rwy 22R: Taxiing aircraft 34' from DER, 429' left of centerline, up to 80' AGL/736' MSL.
- Rwy 27L: Taxiing aircraft 70' from DER, 407' left of centerline, up to 80' AGL/740' MSL.  
Pole 5553' from DER, 1833' left of centerline, 143' AGL/805' MSL.
- Rwy 27R: Obstruction light on tank 1509' from DER, 887' left of centerline, 56' AGL/726' MSL.  
Elevator 2778' from DER, 1021' left of centerline, 111' AGL/776' MSL.
- Rwy 28C: Trees begining 2373' from DER, 696' left of centerline, up to 89' AGL/768' MSL.  
Trees 2559' from DER, 256' right of centerline, up to 58' AGL/737' MSL.
- Rwy 28L: Terrain and bush beginning 5' from DER, 352' right of centerline, up to 4' AGL/692' MSL.  
Poles beginning 244' from DER, 471' right of centerline, up to 38' AGL/707' MSL.  
Railroad beginning 590' from DER, 639' left of centerline, up to 23' AGL/700' MSL.  
Poles and trees beginning 1500' from DER, 721' left of centerline, up to 79' AGL/758' MSL.
- Rwy 33: Pole 1993' from DER, 790' left of centerline, 45' AGL/716' MSL.

## O'HARE TWO DEPARTURE



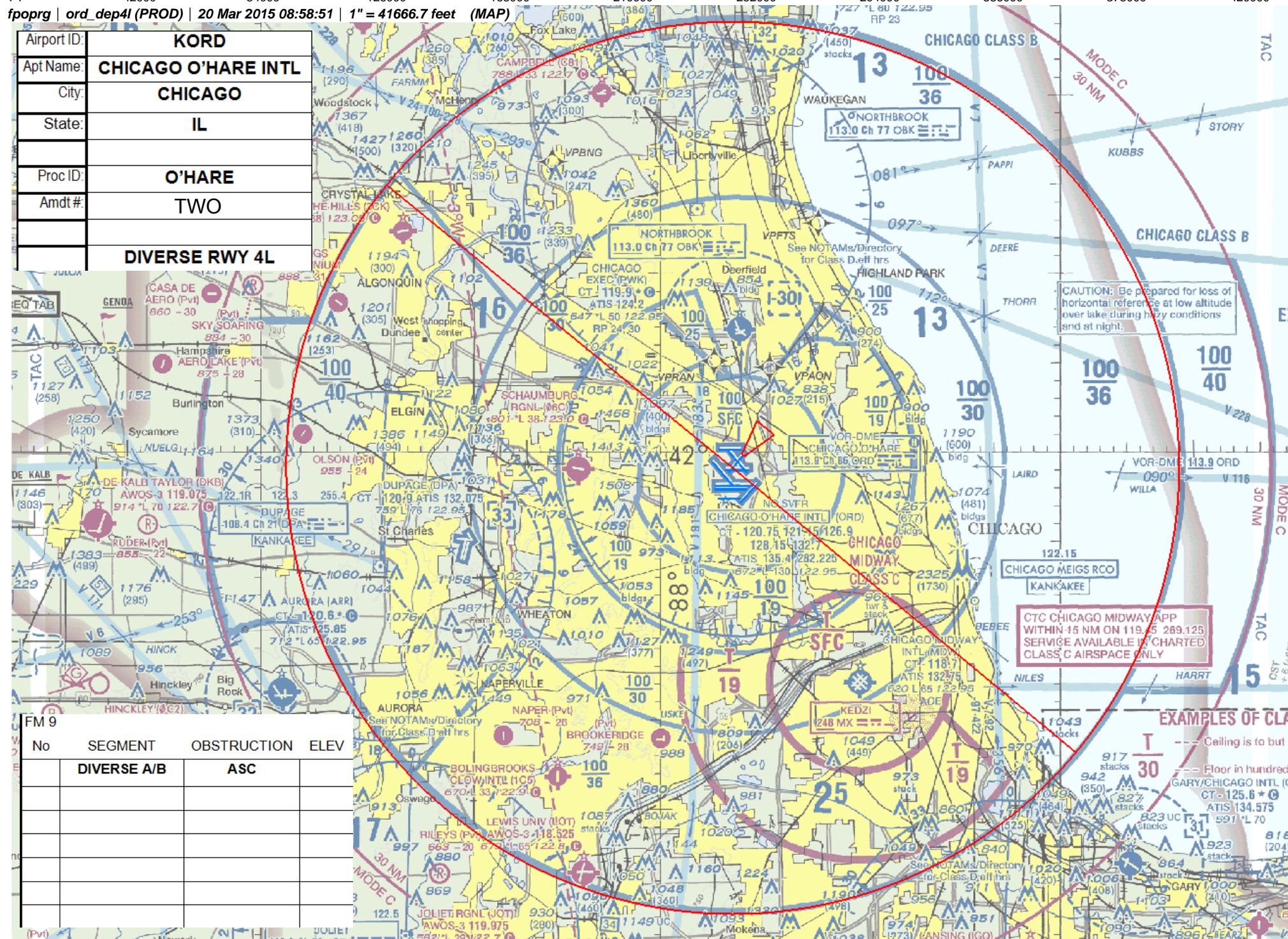




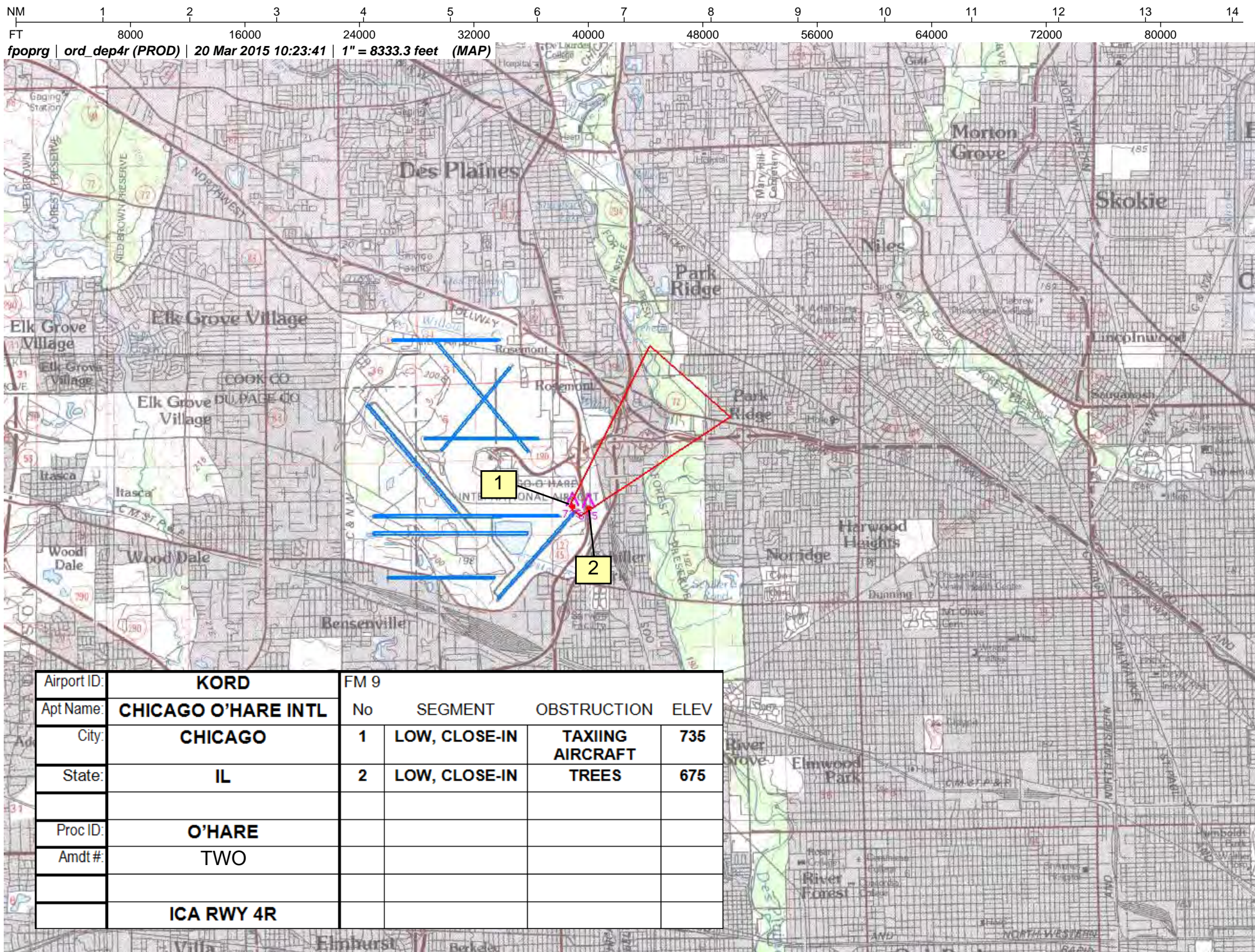
Genomic map of the 70 kb FT region on chromosome 1. The map shows the FT gene structure with exons numbered 1 to 10. The FT gene is located between the 42000 and 420000 coordinates. The map also shows the location of the FT gene relative to the FT gene structure. The FT gene is located between the 42000 and 420000 coordinates. The map also shows the location of the FT gene relative to the FT gene structure.

fpoprg | ord\_dep4l (PROD) | 20 Mar 2015 08:58:51 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 4L

[illegible]

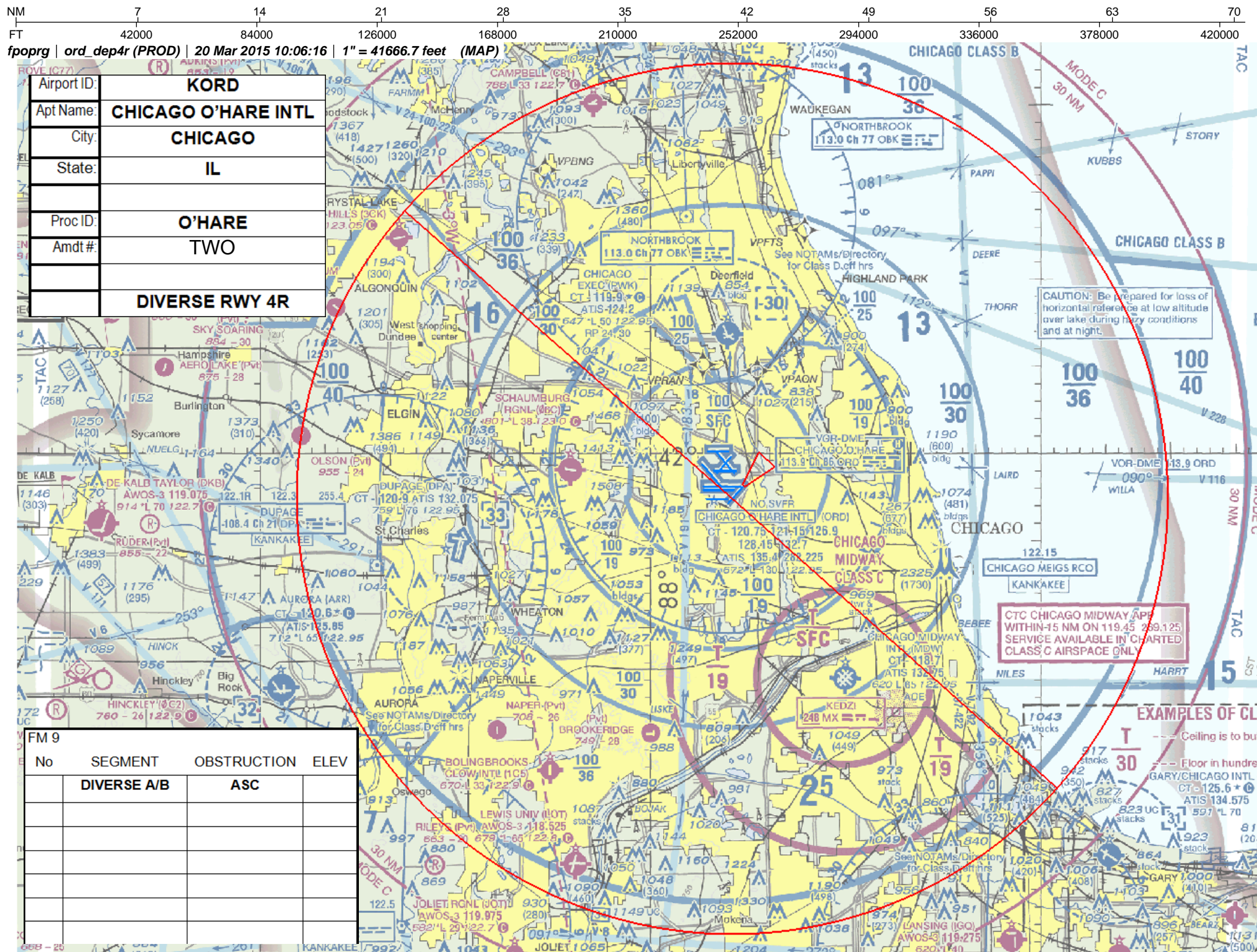




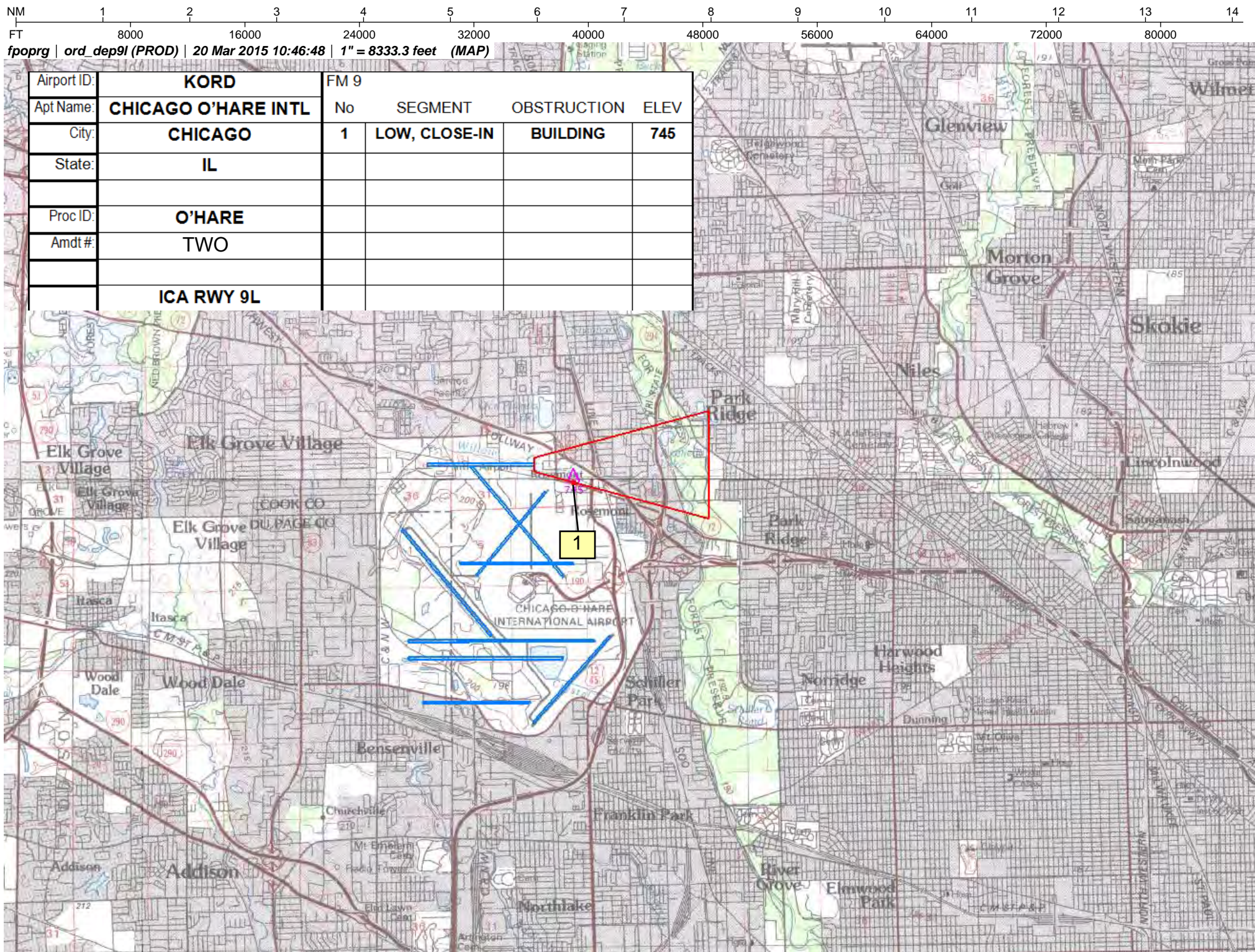


*fpoprg* | *ord\_dep4r (PROD)* | 20 Mar 2015 10:06:16 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 4R

[illegible]

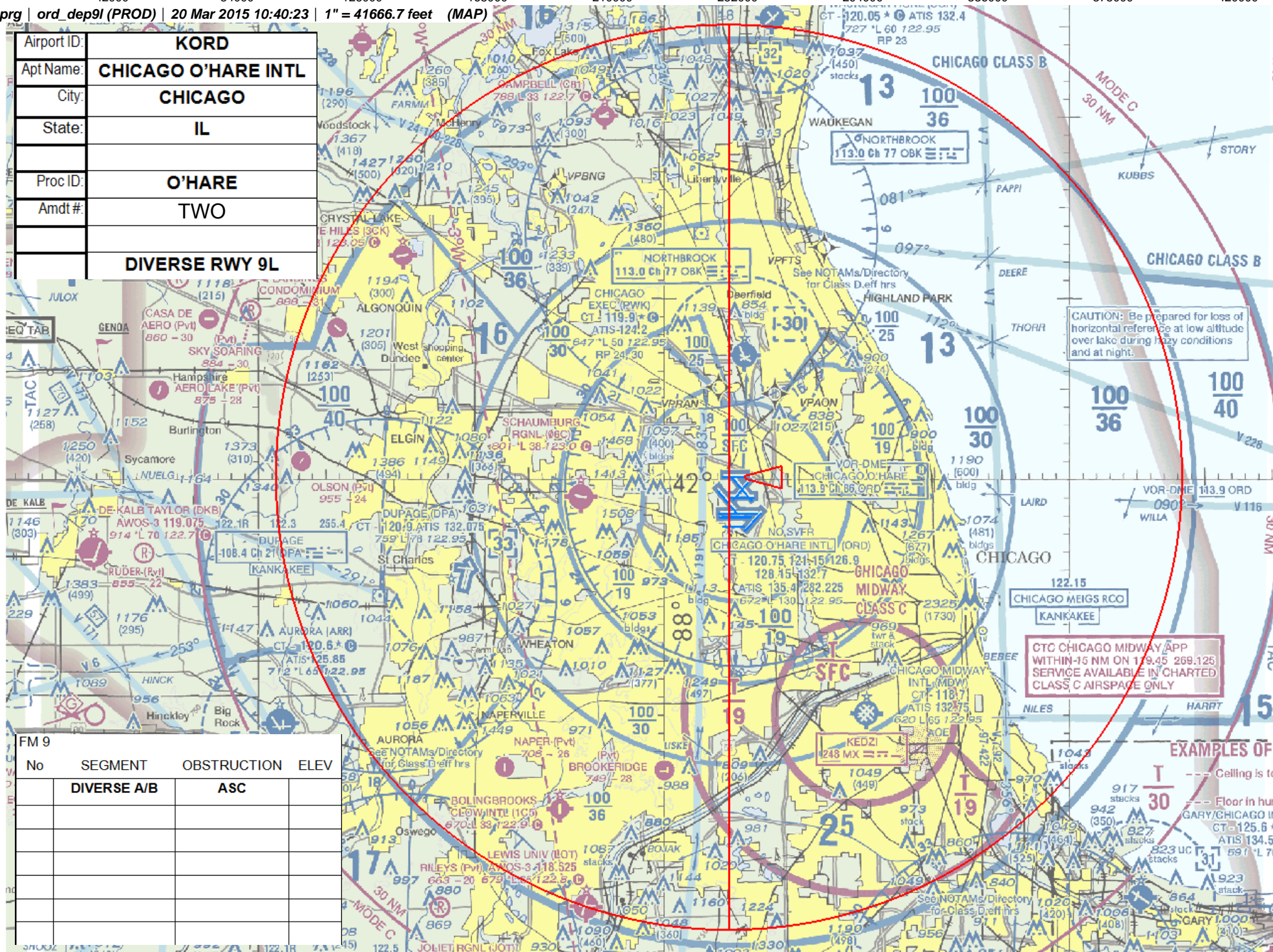






**fpoprg | ord\_dep9l (PROD) | 20 Mar 2015 10:40:23 | 1" = 41666.7 feet (MAP)**

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 9L

[illegible]

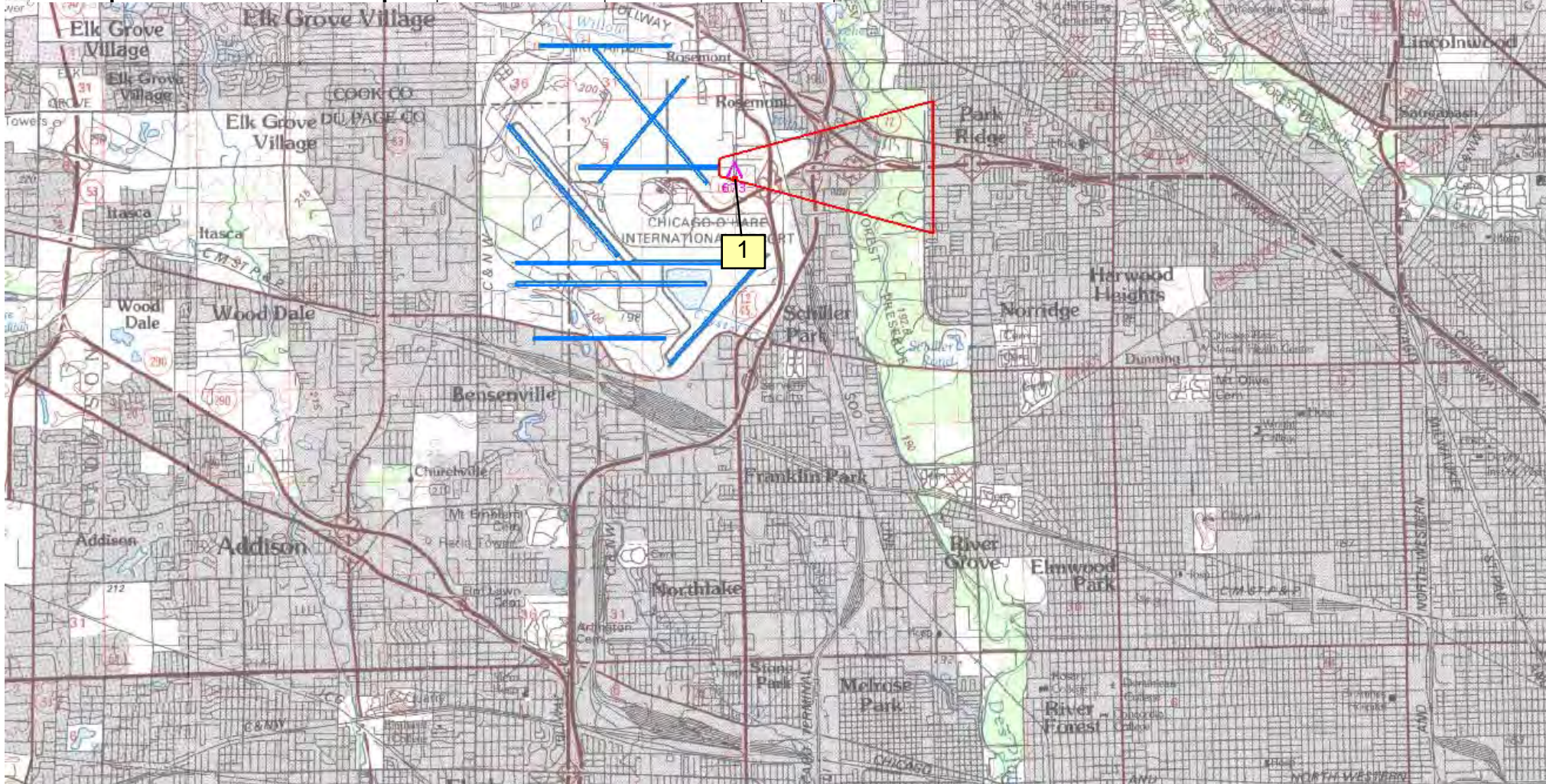


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | ord\_dep9r (PROD) | 20 Mar 2015 12:15:00 | 1" = 8333.3 feet (MAP)

Airport ID:	<b>KORD</b>	FM 9			
Apt Name:	<b>CHICAGO O'HARE INTL</b>	No	SEGMENT	OBSTRUCTION	ELEV
City:	<b>CHICAGO</b>	1	LOW, CLOSE-IN	POLE	673
State:	<b>IL</b>				
Proc ID:	<b>O'HARE</b>				
Amdt #:	<b>TWO</b>				
	<b>ICA RWY 9R</b>				





*fpoprg* | *ord\_dep9r (PROD)* | 20 Mar 2015 12:05:56 | 1" = 41666.7 feet (MAP)

IPV1                       

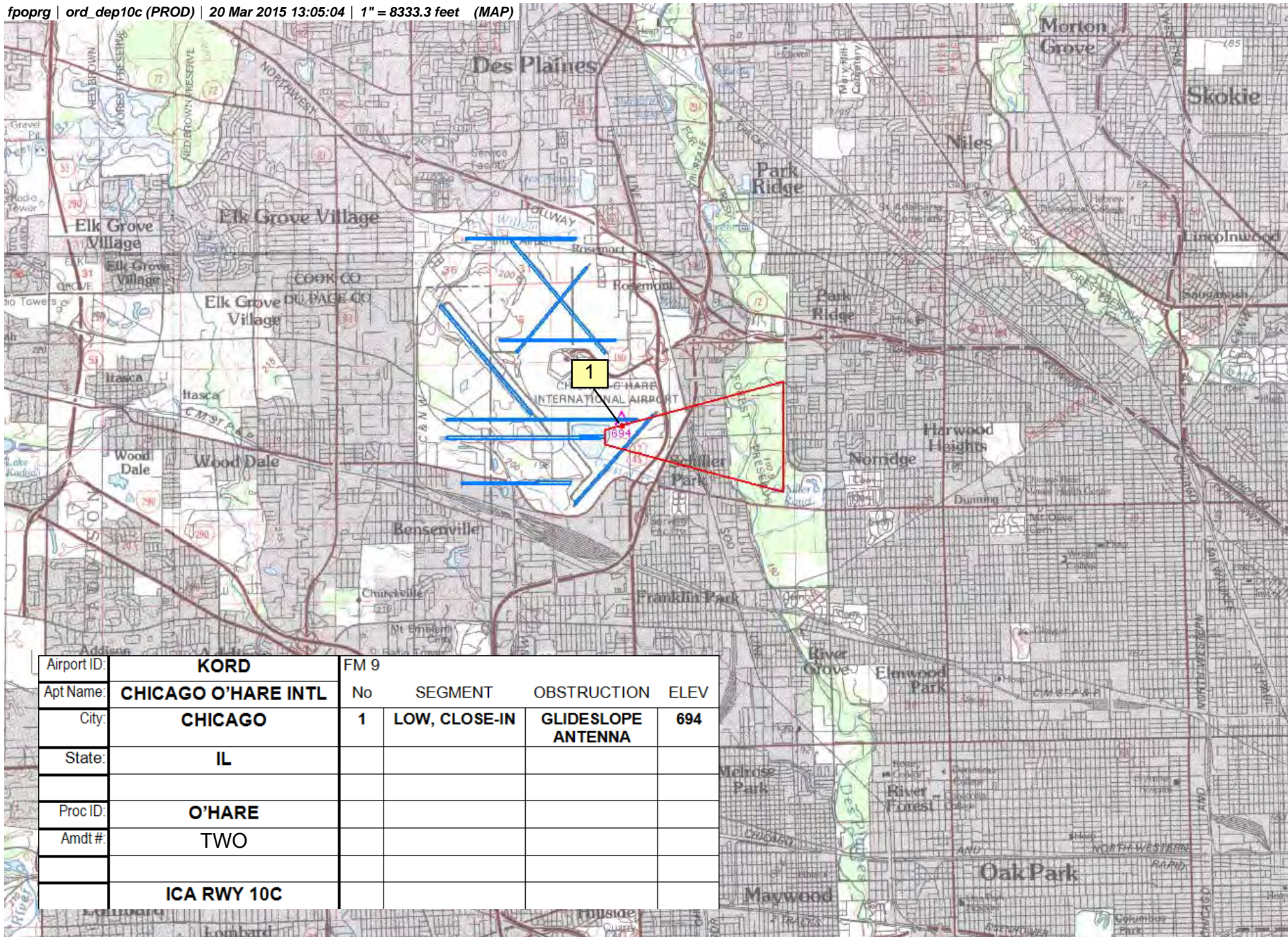




NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | ord\_dep10c (PROD) | 20 Mar 2015 13:05:04 | 1" = 8333.3 feet (MAP)



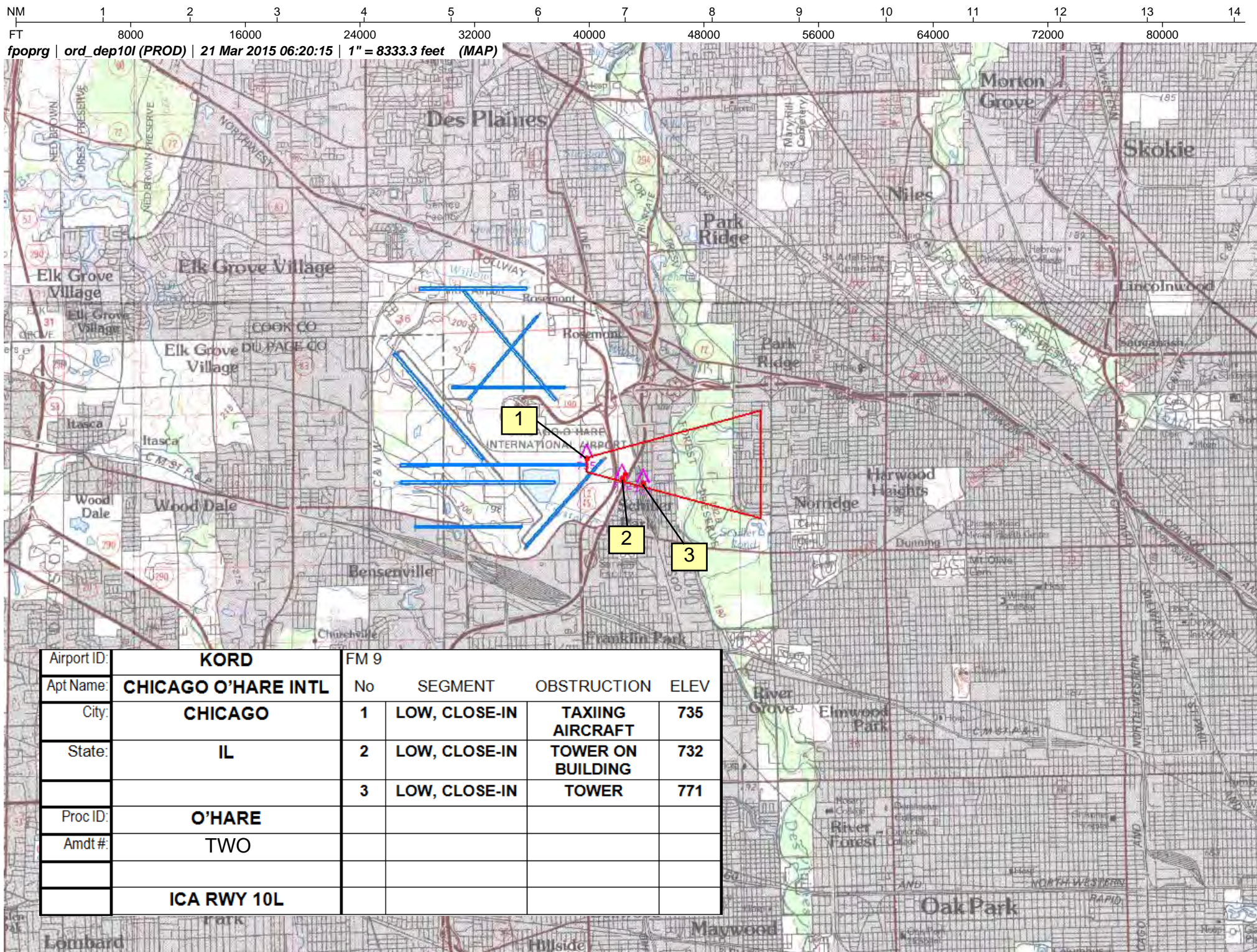
Airport ID:	<b>KORD</b>	FM 9			
Apt Name:	<b>CHICAGO O'HARE INTL</b>	No	SEGMENT	OBSTRUCTION	ELEV
City:	<b>CHICAGO</b>	1	LOW, CLOSE-IN	GLIDESLOPE ANTENNA	694
State:	<b>IL</b>				
Proc ID:	<b>O'HARE</b>				
Amdt #:	<b>TWO</b>				
	<b>ICA RWY 10C</b>				



**fpoprg | ord\_dep10c (PROD) | 20 Mar 2015 12:59:38 | 1" = 41666.7 feet (MAP)**

[illegible]

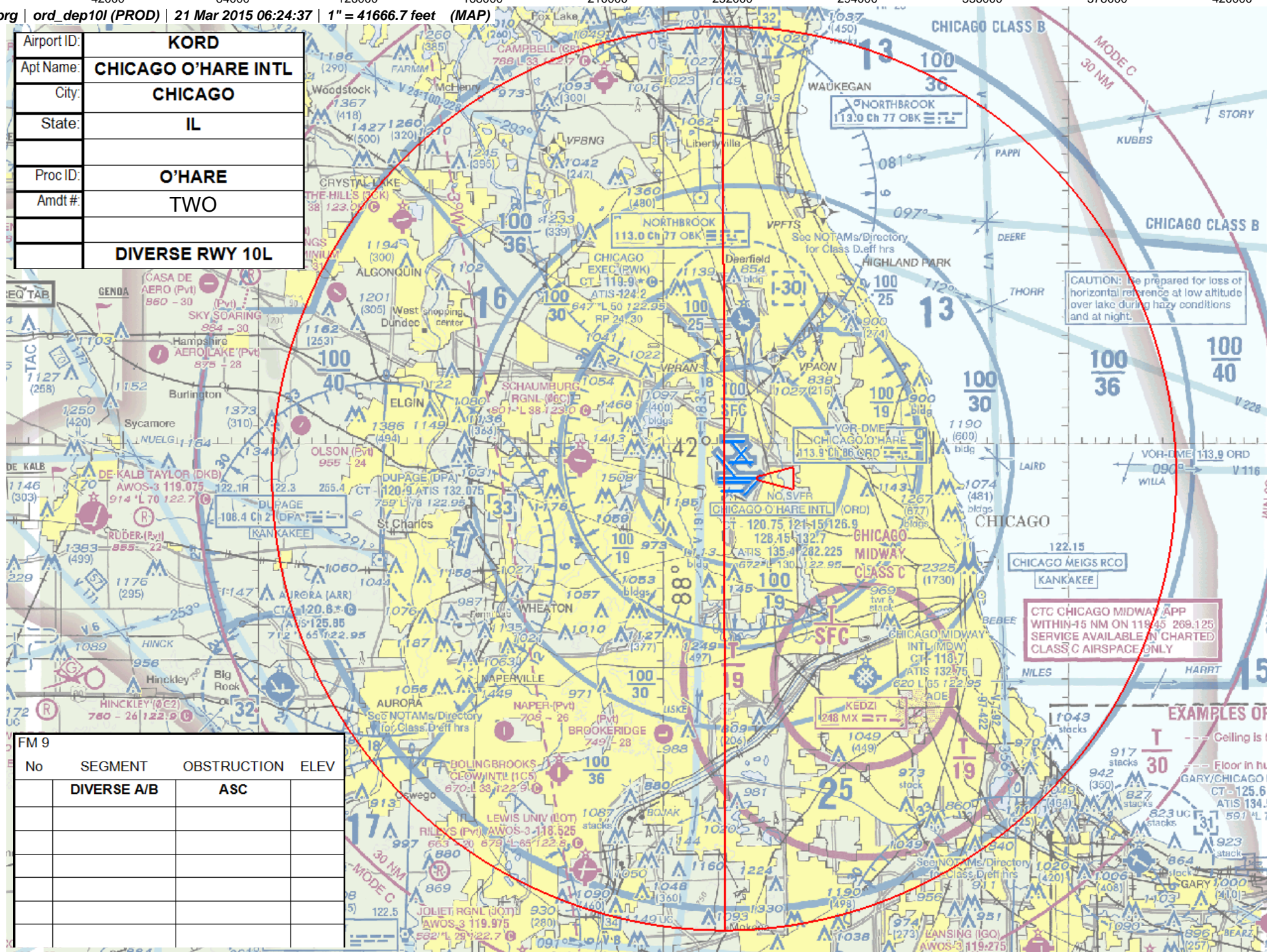




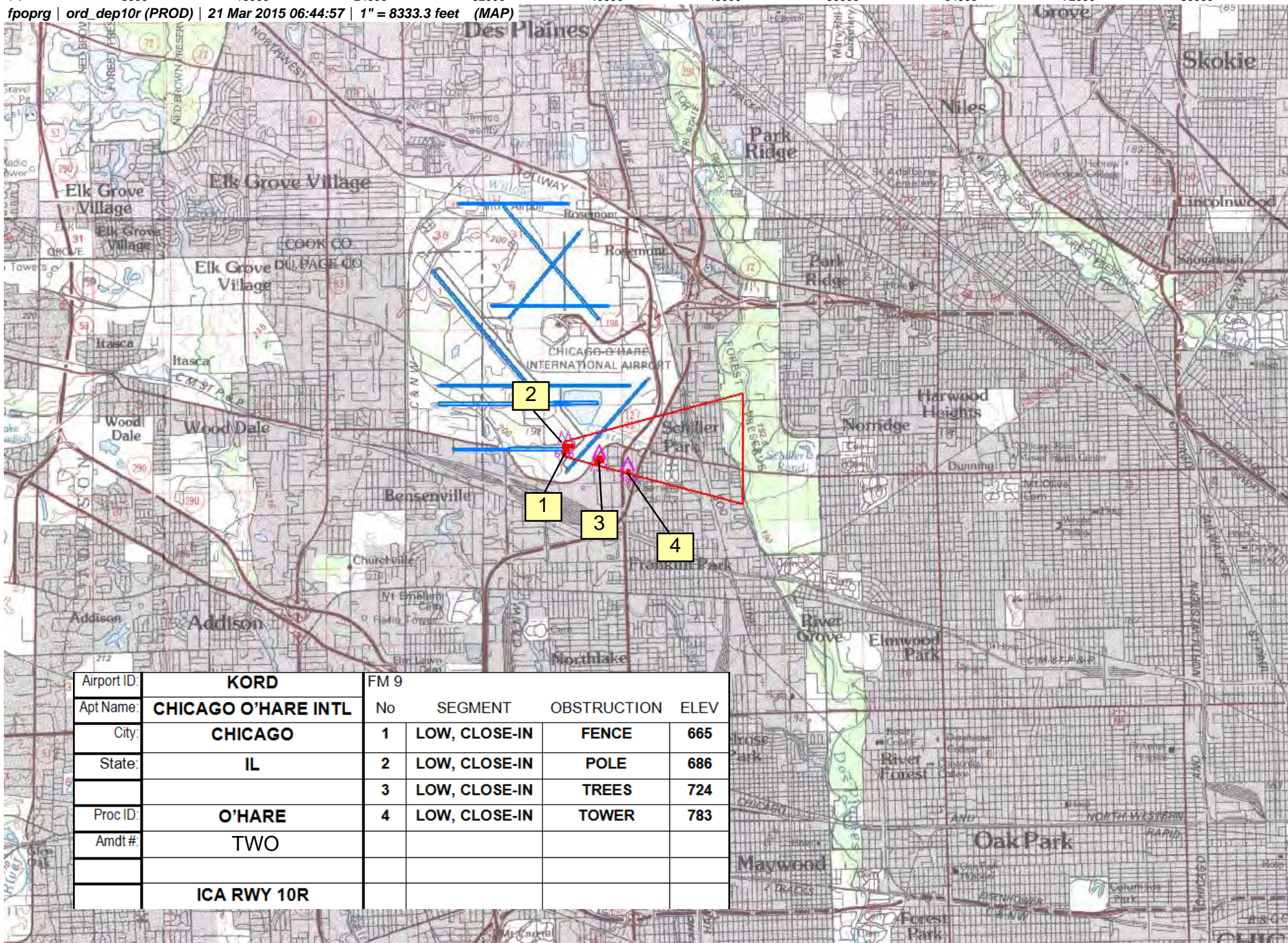


**fpoprg | ord\_dep10l (PROD) | 21 Mar 2015 06:24:37 | 1" = 41666.7 feet (MAP)**

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 10L

[illegible]



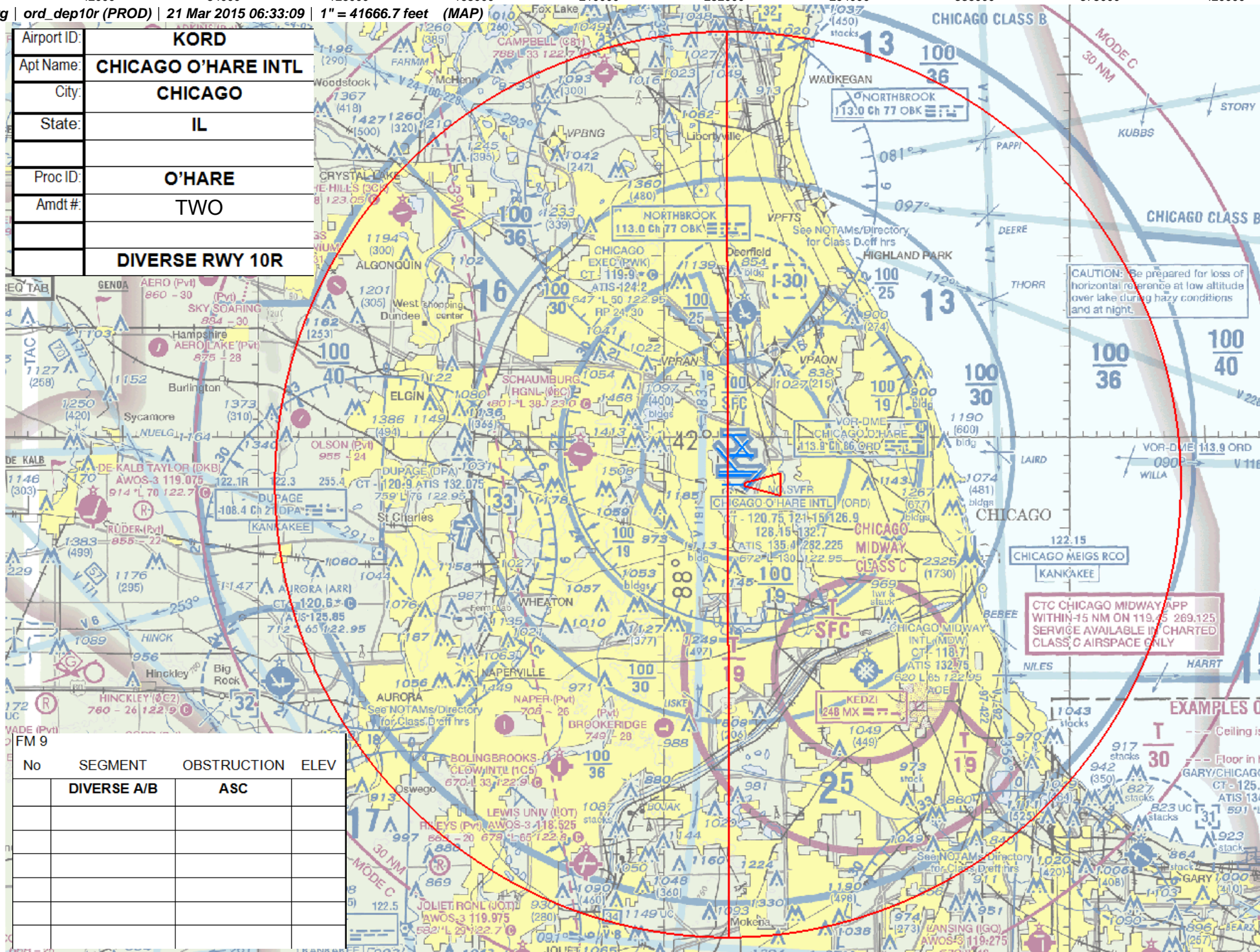


Airport ID:	<b>KORD</b>	FM 9			
Apt Name:	<b>CHICAGO O'HARE INTL</b>	No	SEGMENT	OBSTRUCTION	ELEV
City:	<b>CHICAGO</b>	<b>1</b>	<b>LOW, CLOSE-IN</b>	<b>FENCE</b>	<b>665</b>
State:	<b>IL</b>	<b>2</b>	<b>LOW, CLOSE-IN</b>	<b>POLE</b>	<b>686</b>
		<b>3</b>	<b>LOW, CLOSE-IN</b>	<b>TREES</b>	<b>724</b>
Proc ID:	<b>O'HARE</b>	<b>4</b>	<b>LOW, CLOSE-IN</b>	<b>TOWER</b>	<b>783</b>
Amdt #:	<b>TWO</b>				
	<b>ICA RWY 10R</b>				

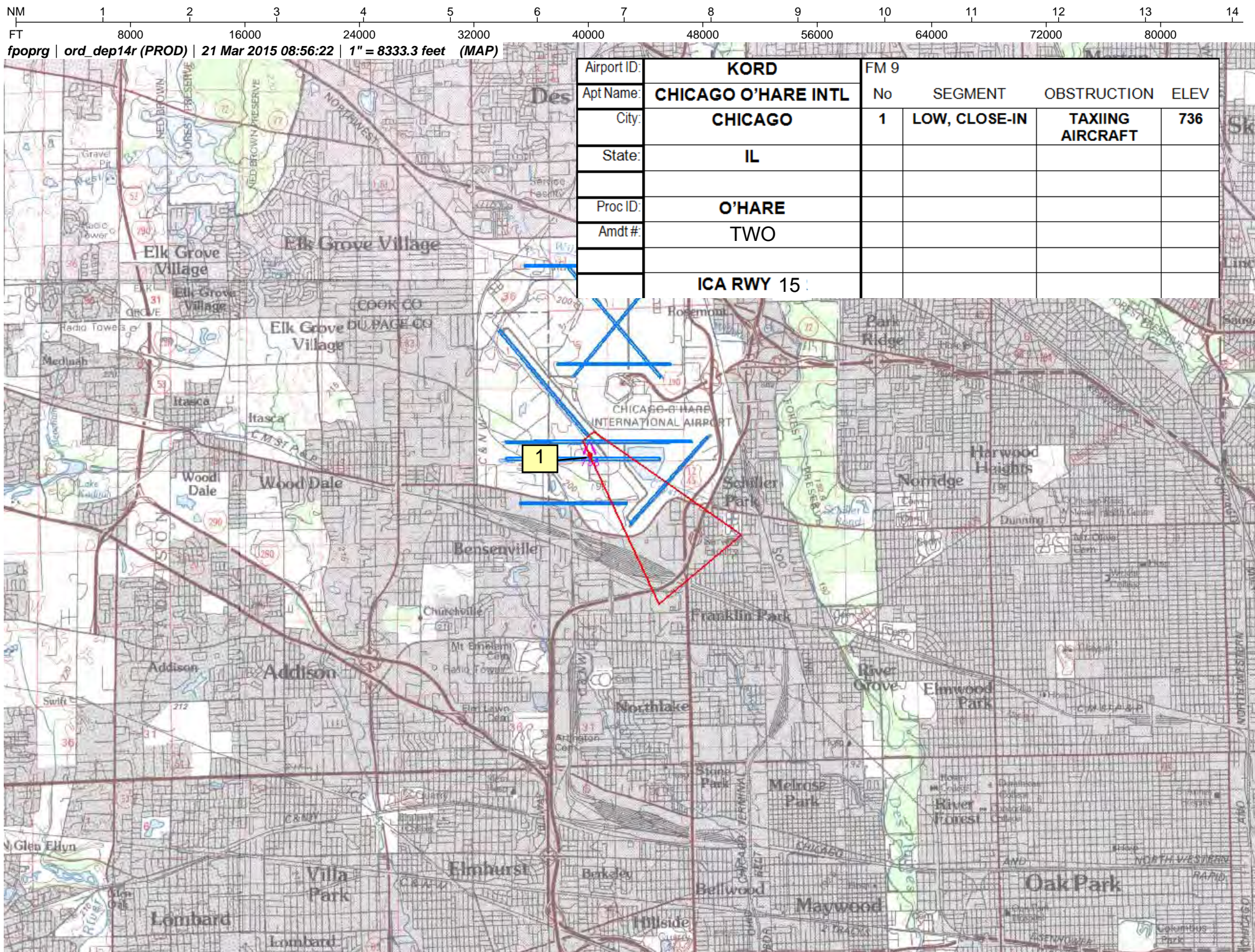


**fpoprg | ord\_dep10r (PROD) | 21 Mar 2015 06:33:09 | 1" = 41666.7 feet (MAP)**

Airport ID:	<b>KORD</b>
Apt Name:	<b>CHICAGO O'HARE INTL</b>
City:	<b>CHICAGO</b>
State:	<b>IL</b>
Proc ID:	<b>O'HARE</b>
Amdt #:	<b>TWO</b>
	<b>DIVERSE RWY 10R</b>

[illegible]







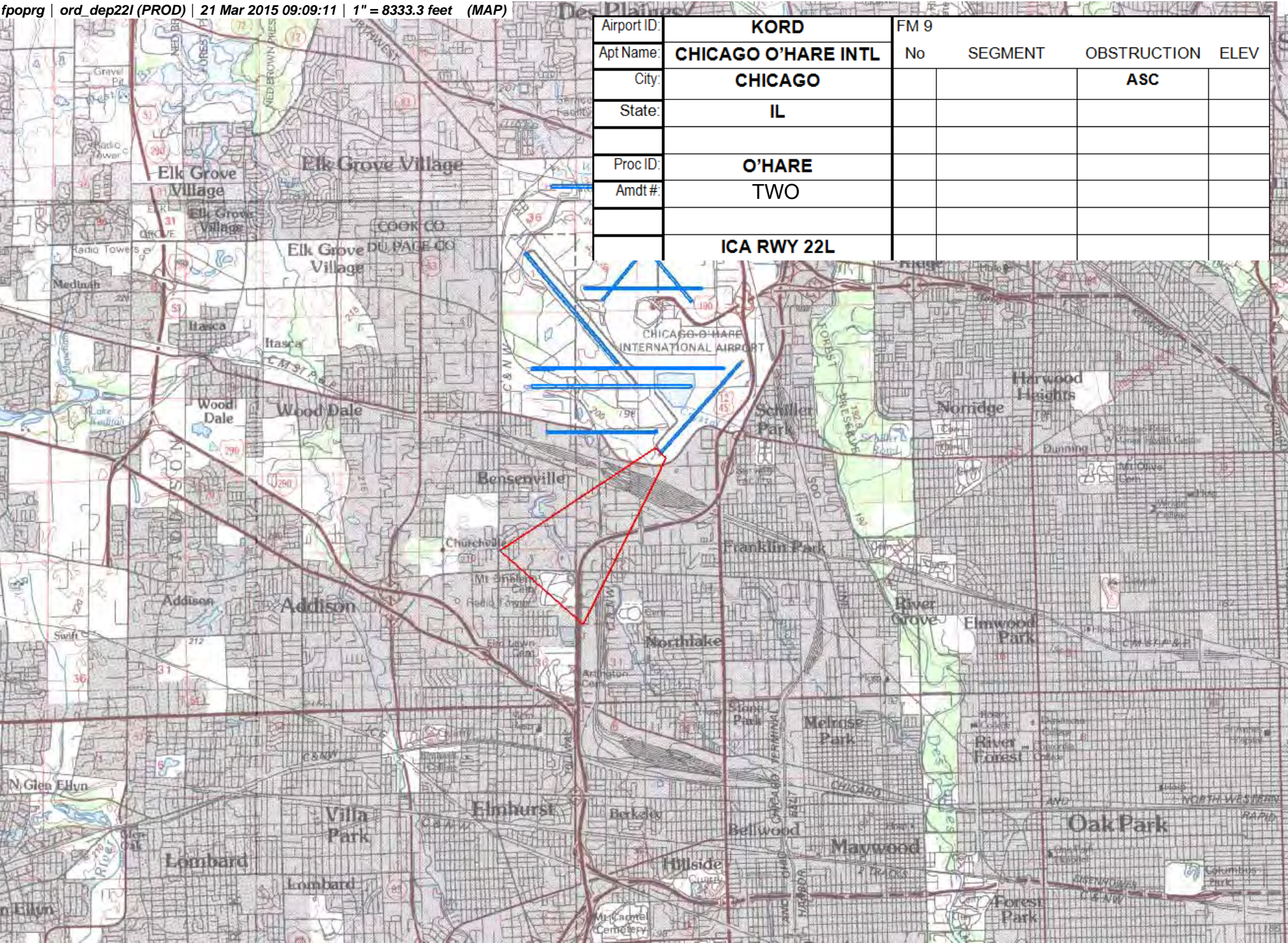
**fpoprg | ord\_dep14r (PROD) | 21 Mar 2015 08:23:14 | 1" = 41666.7 feet (MAP)**

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	ICA RWY 15





Airport ID:	KORD	FM 9			
Apt Name:	CHICAGO O'HARE INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	CHICAGO			ASC	
State:	IL				
Proc ID:	O'HARE				
Amdt #:	TWO				
	ICA RWY 22L				

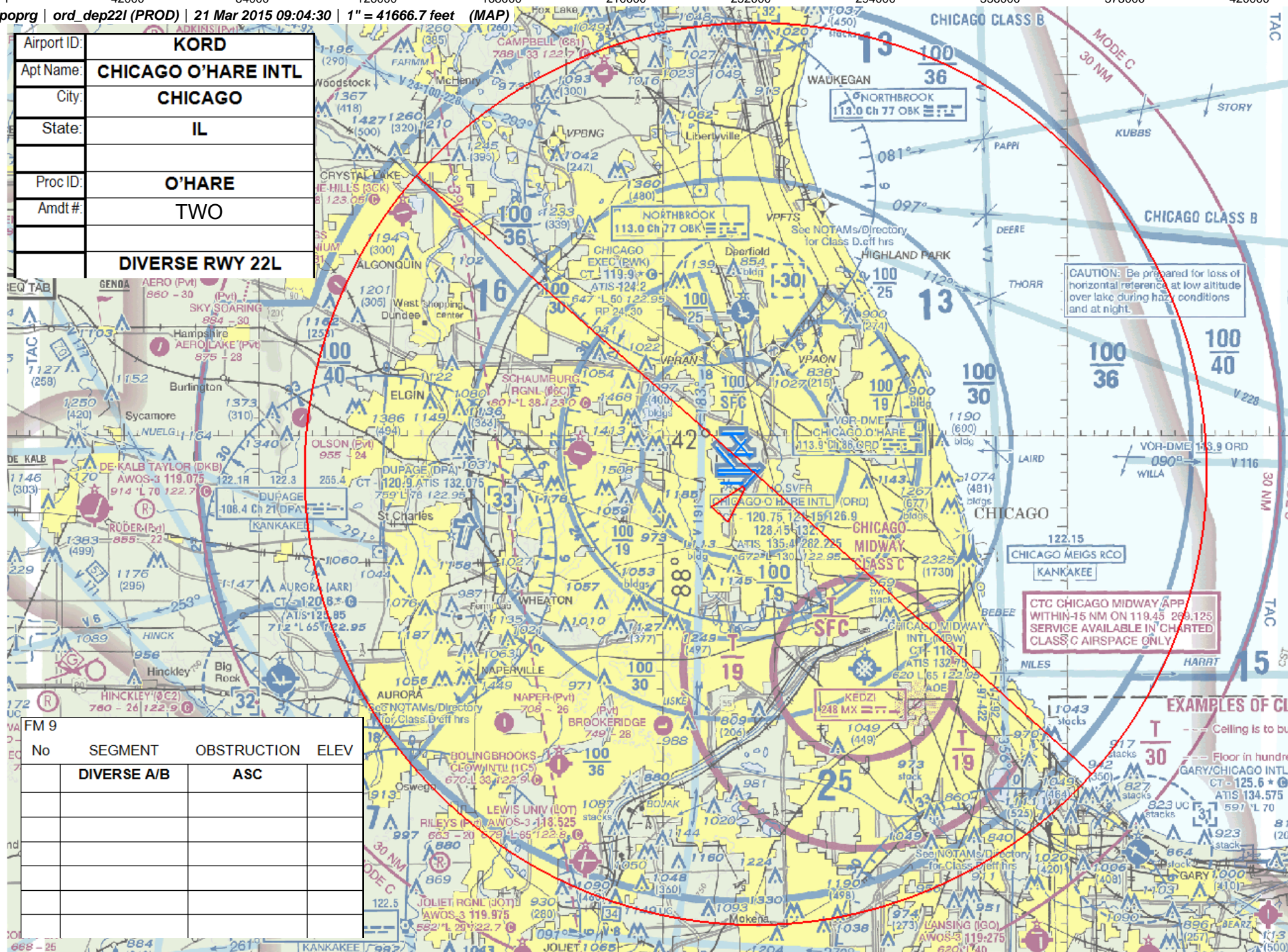




Genomic map of the 70 kb FT region on chromosome 1. The map shows the FT gene structure with exons numbered 1 to 10. The FT gene is located on the positive strand. The map also shows the positions of the FT-1, FT-2, and FT-3 genes, which are located on the negative strand. The FT-1 gene is located at approximately 14 kb, the FT-2 gene at approximately 28 kb, and the FT-3 gene at approximately 42 kb. The map includes a scale bar from 0 to 70 kb and a legend for the FT gene structure.

fpoprgr | ord\_dep22l (PROD) | 21 Mar 2015 09:04:30 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 22L

[illegible]

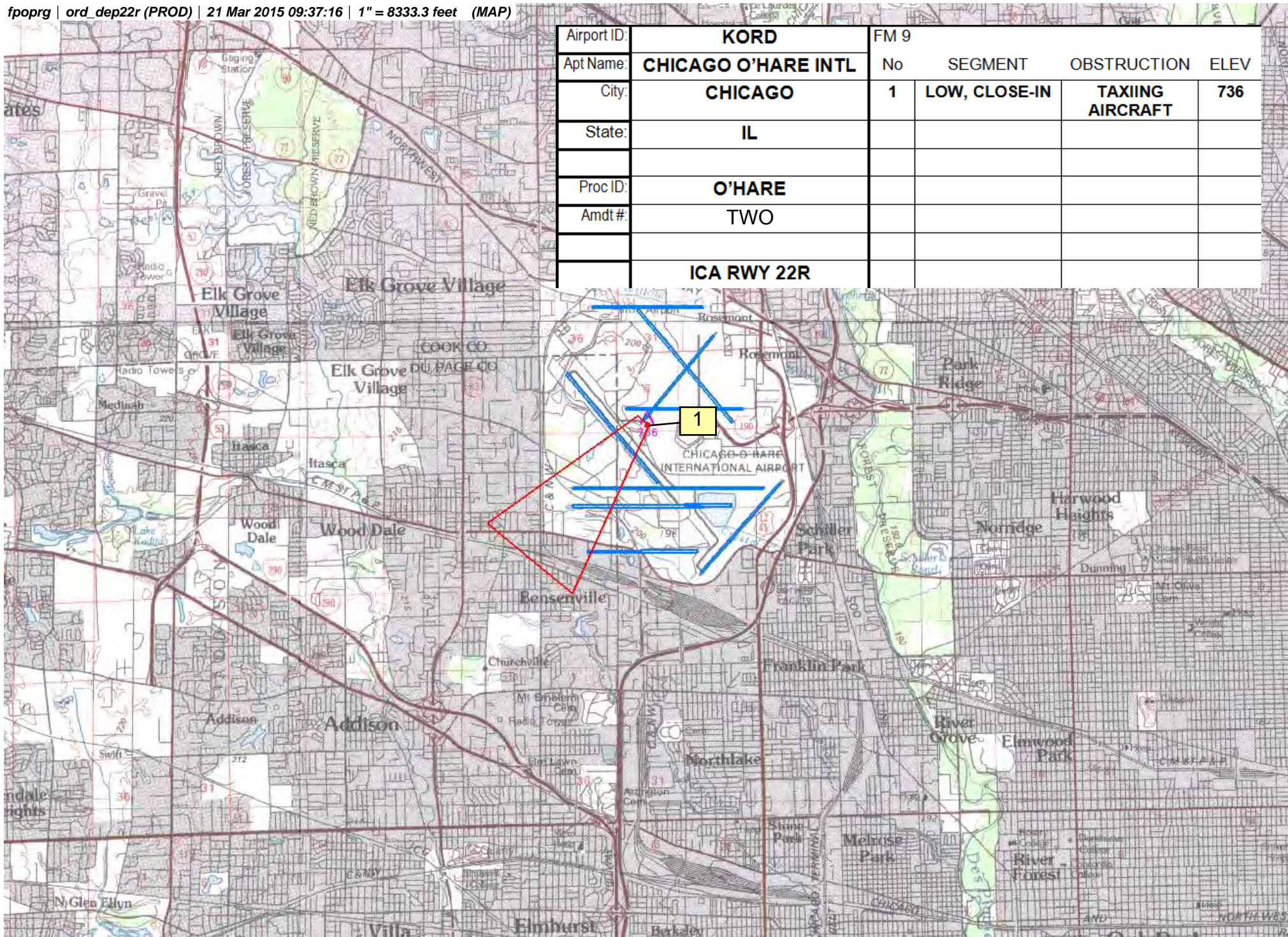


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

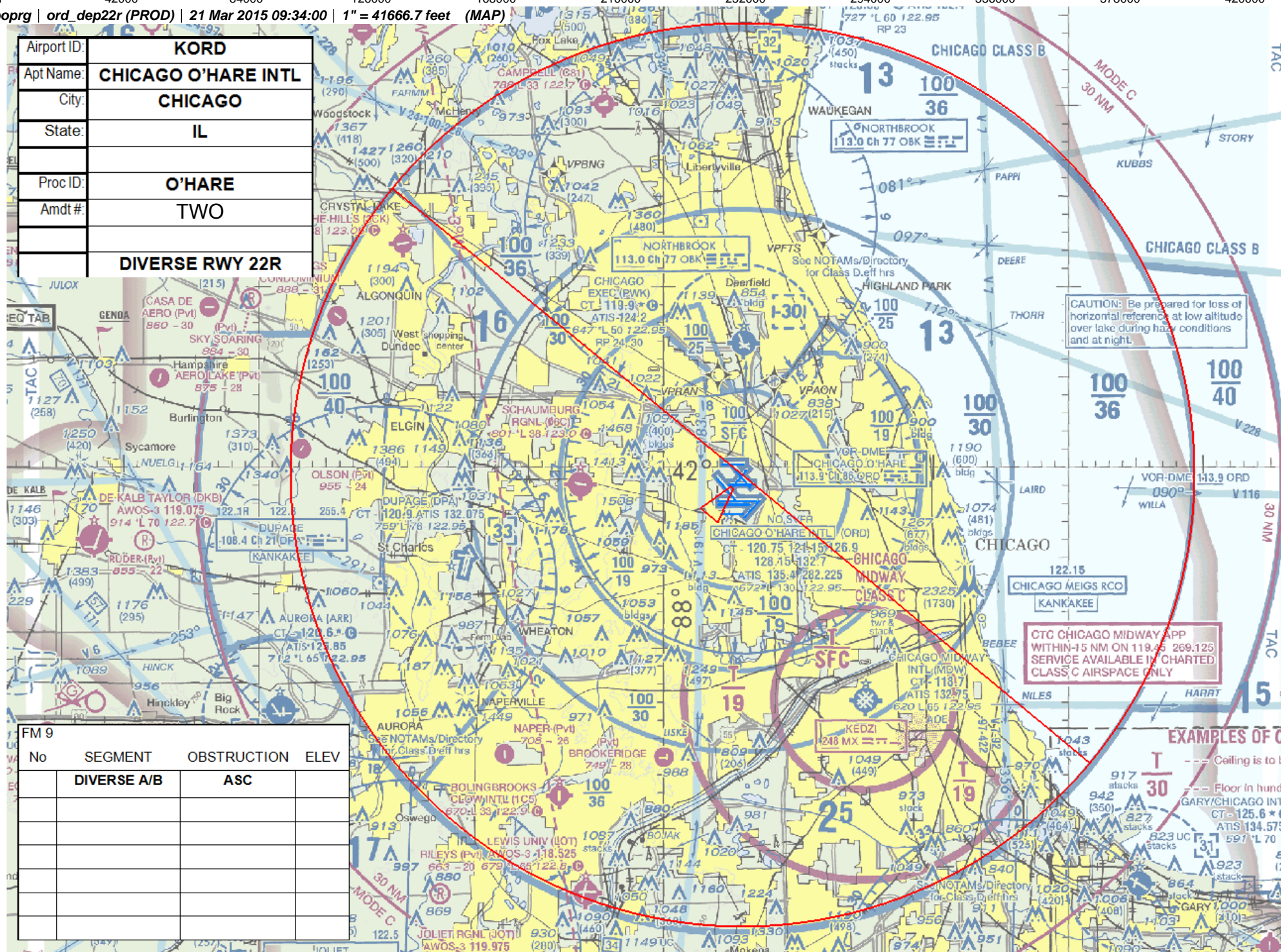
fpoprg | ord\_dep22r (PROD) | 21 Mar 2015 09:37:16 | 1" = 8333.3 feet (MAP)

Airport ID:	<b>KORD</b>	FM 9			
Apt Name:	<b>CHICAGO O'HARE INTL</b>	No	SEGMENT	OBSTRUCTION	ELEV
City:	<b>CHICAGO</b>	<b>1</b>	<b>LOW, CLOSE-IN</b>	<b>TAXIING AIRCRAFT</b>	<b>736</b>
State:	<b>IL</b>				
Proc ID:	<b>O'HARE</b>				
Amdt #:	<b>TWO</b>				
	<b>ICA RWY 22R</b>				

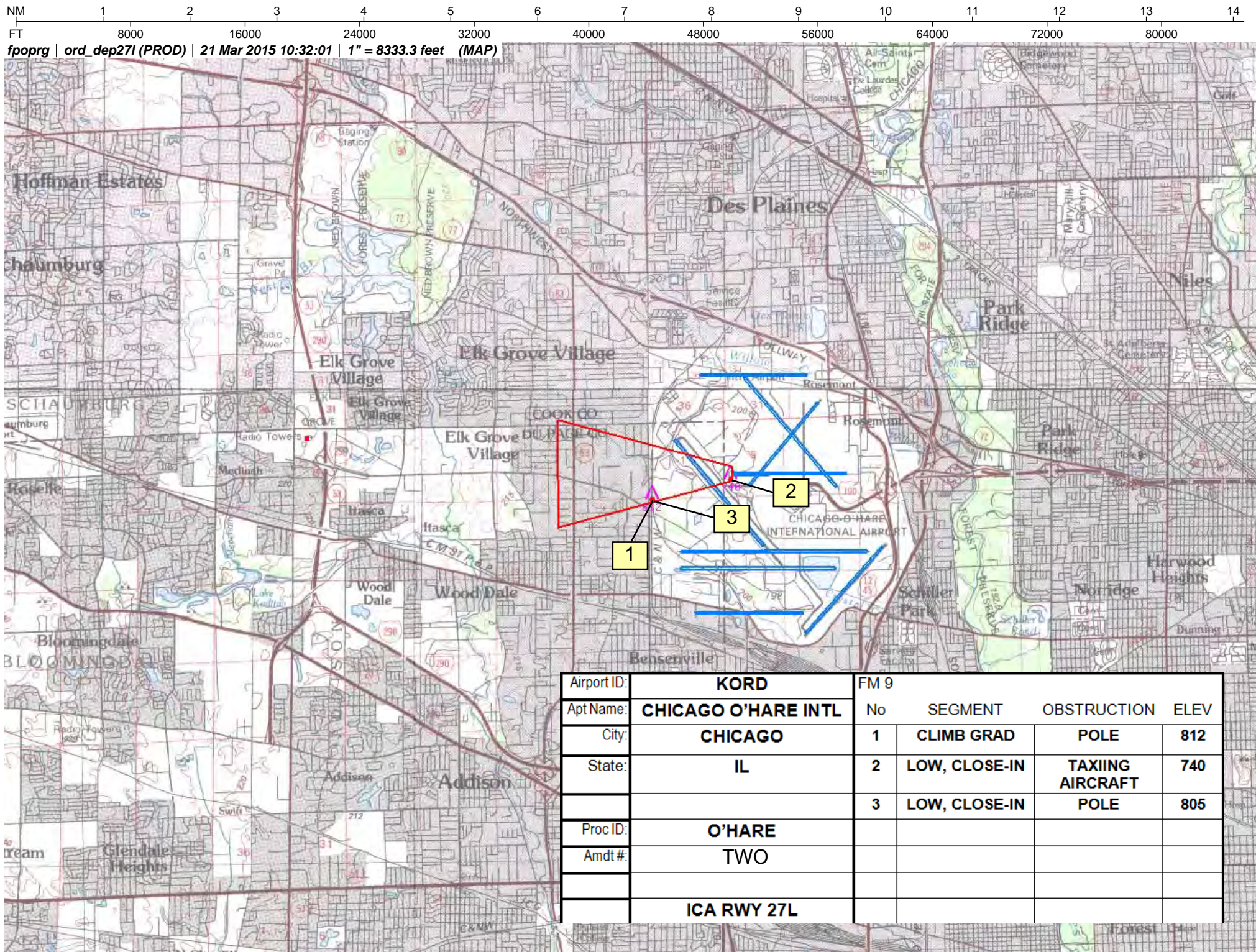




**fpoprg | ord\_dep22r (PROD) | 21 Mar 2015 09:34:00 | 1" = 41666.7 feet (MAP)**

[illegible]



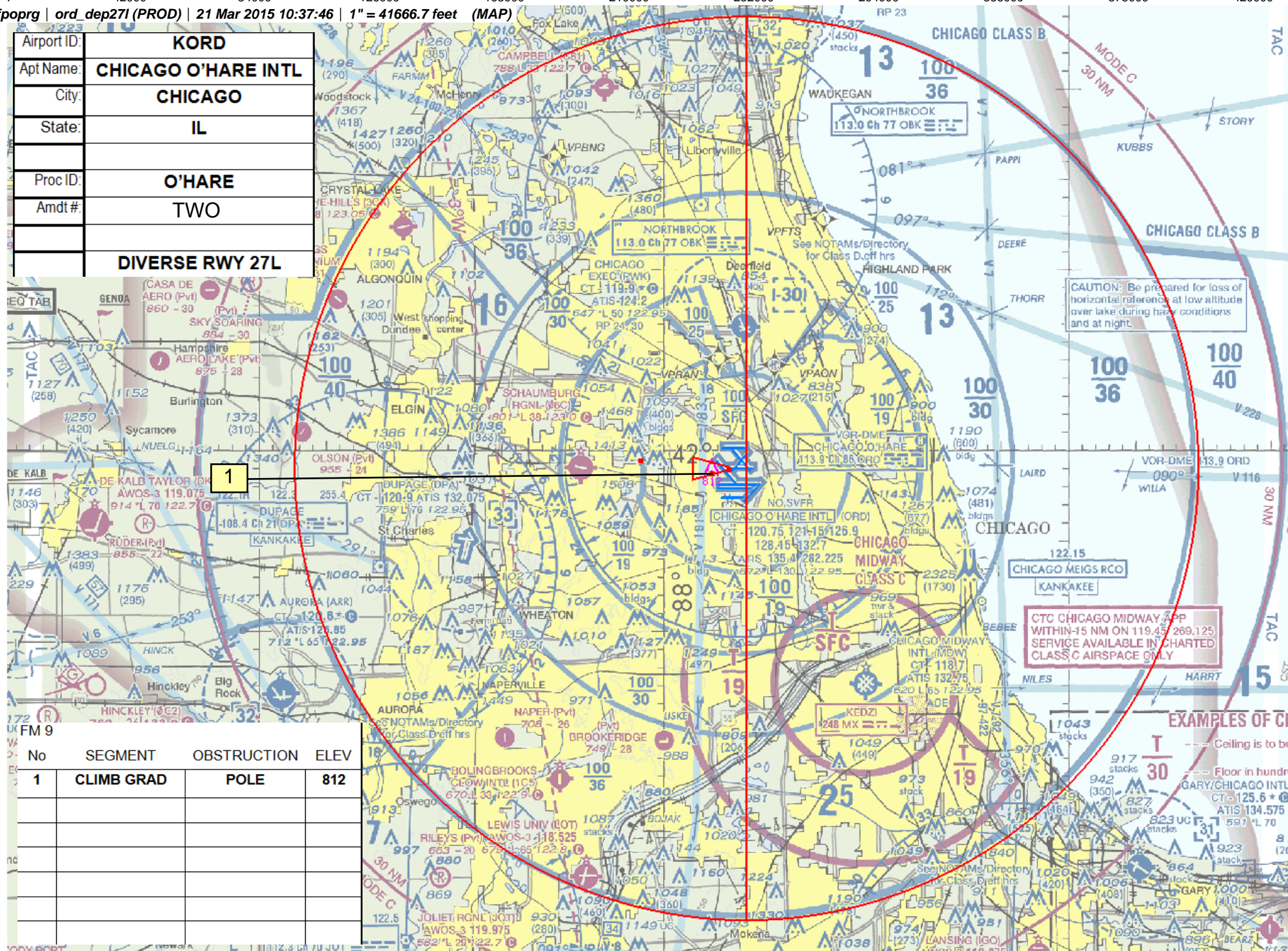




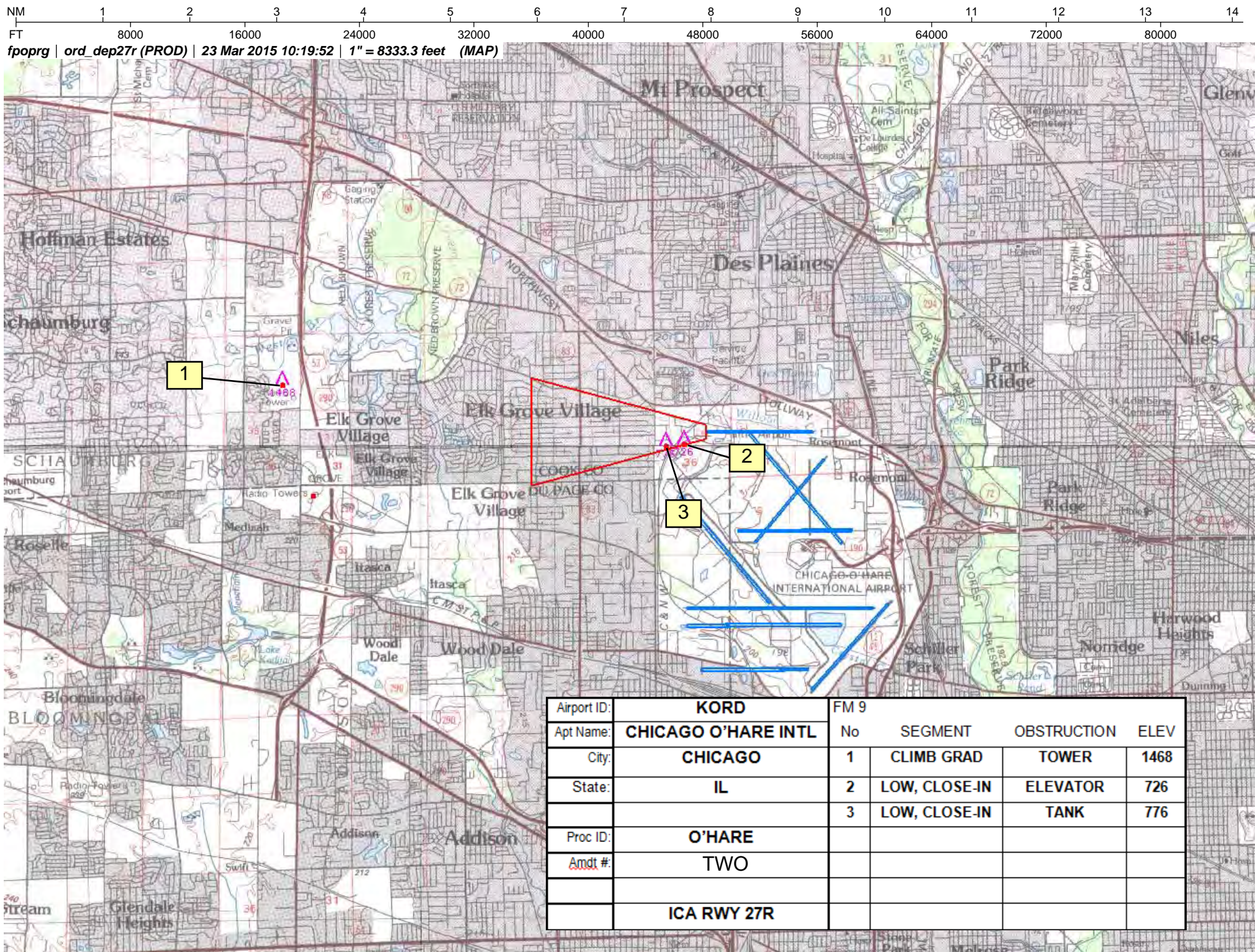
Genomic map of the 70 kb FT region on chromosome 1. The map shows the FT gene structure with exons numbered 1 to 10. The FT gene is located between the 42000 and 420000 coordinates. The map also shows the location of the FT gene relative to the FT gene structure. The FT gene is located between the 42000 and 420000 coordinates. The map also shows the location of the FT gene relative to the FT gene structure.

**fpoprg | ord\_dep27l (PROD) | 21 Mar 2015 10:37:46 | 1" = 41666.7 feet (MAP)**

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 27L

[illegible]





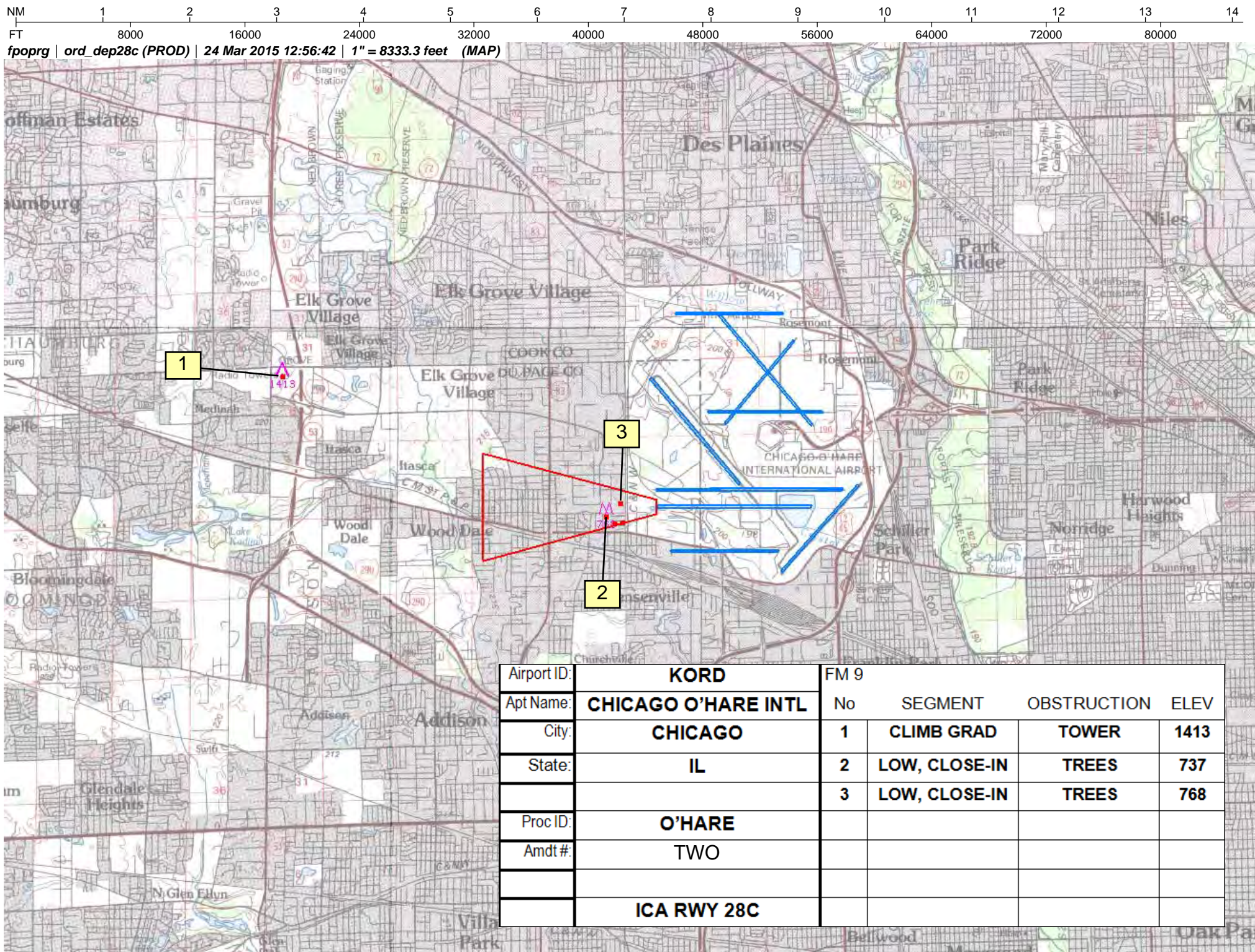


**fpoprg | ord\_dep27r (PROD) | 23 Mar 2015 10:08:56 | 1" = 41666.7 feet (MAP)**

Airport ID:	<b>KORD</b>
Apt Name:	<b>CHICAGO O'HARE INTL</b>
City:	<b>CHICAGO</b>
State:	<b>IL</b>
Proc ID:	<b>O'HARE</b>
Amdt #:	<b>TWO</b>
	<b>DIVERSE RWY 27R</b>

[illegible]

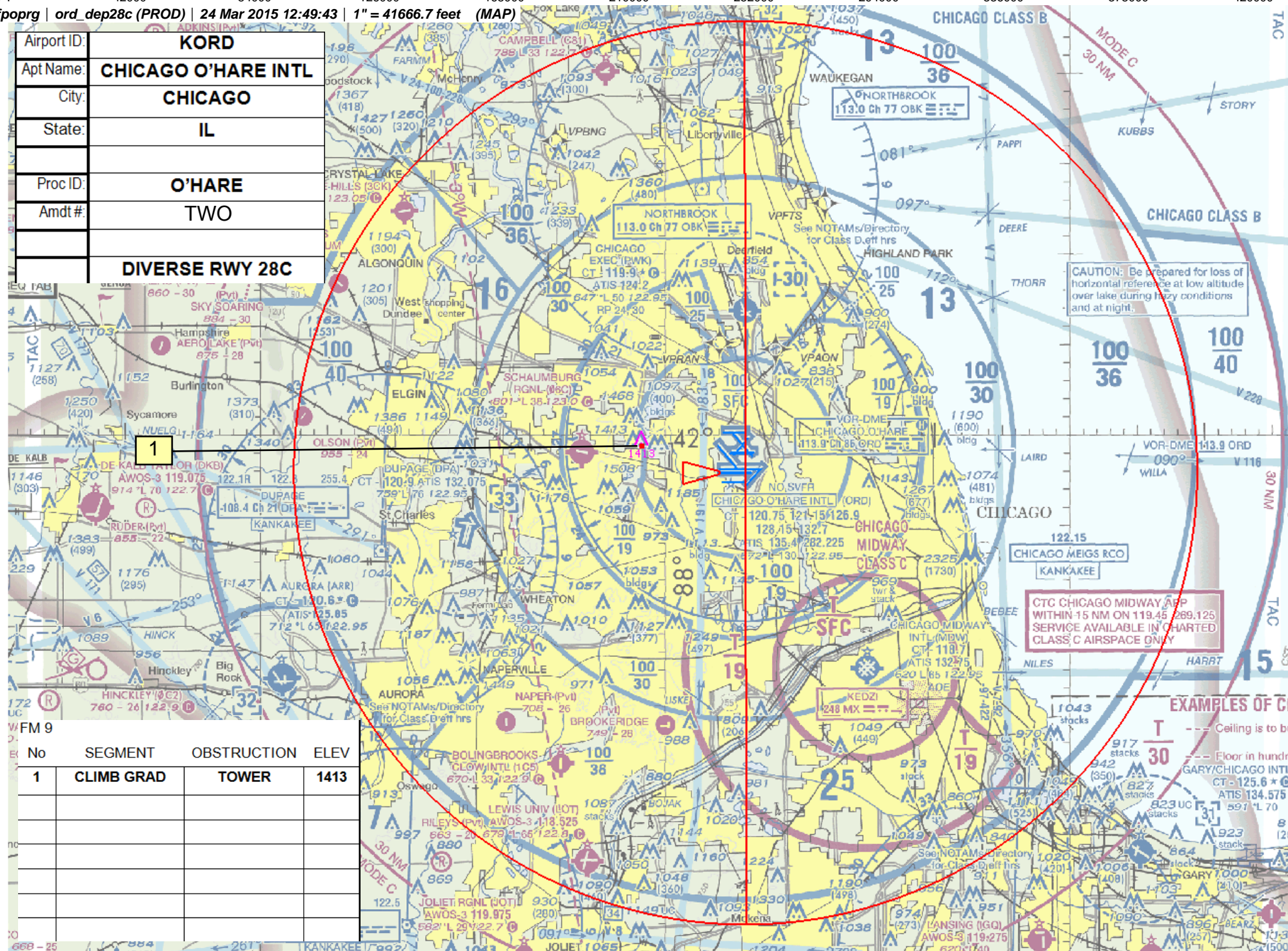




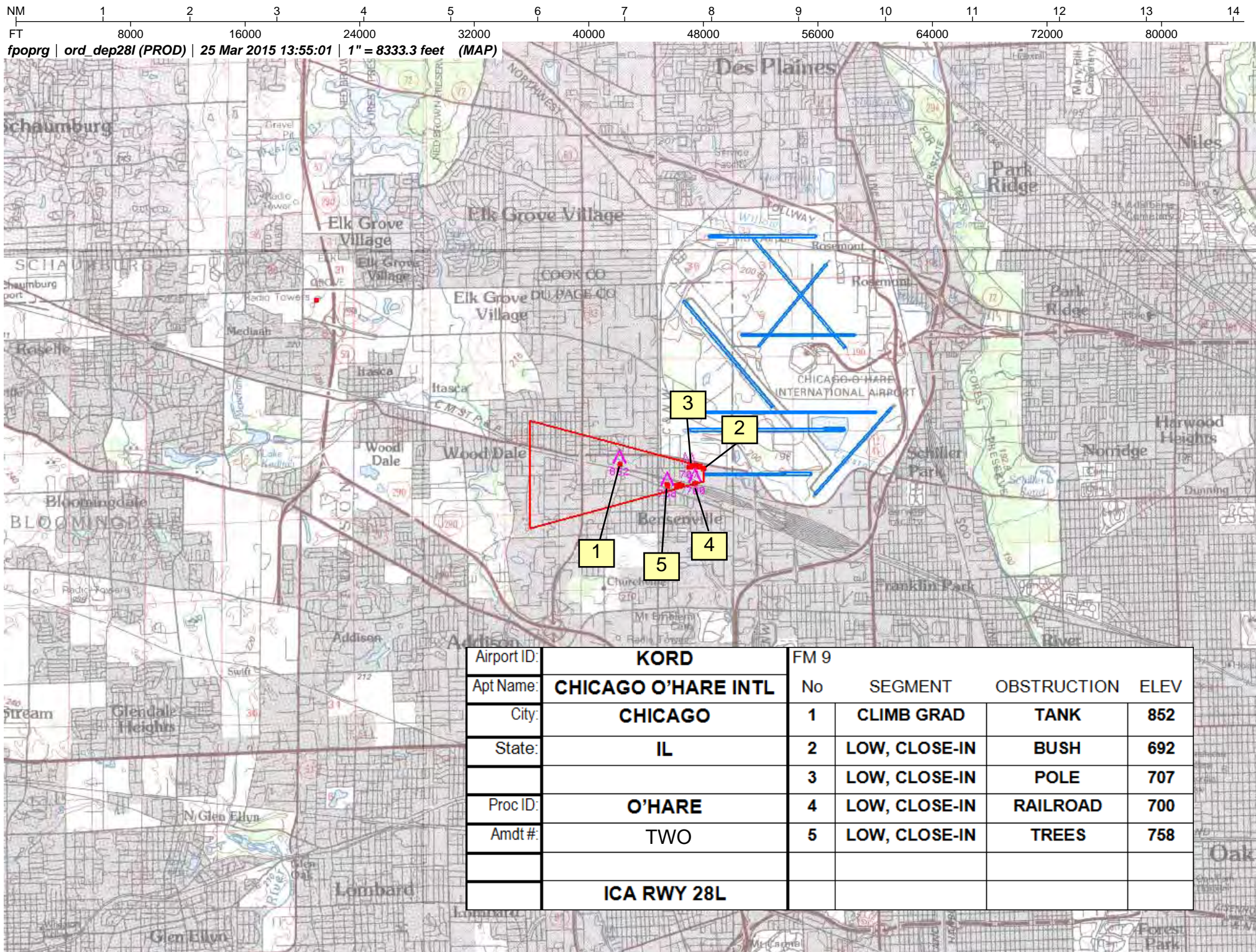


**fpoprg | ord\_dep28c (PROD) | 24 Mar 2015 12:49:43 | 1" = 41666.7 feet (MAP)**

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 28C

[illegible]

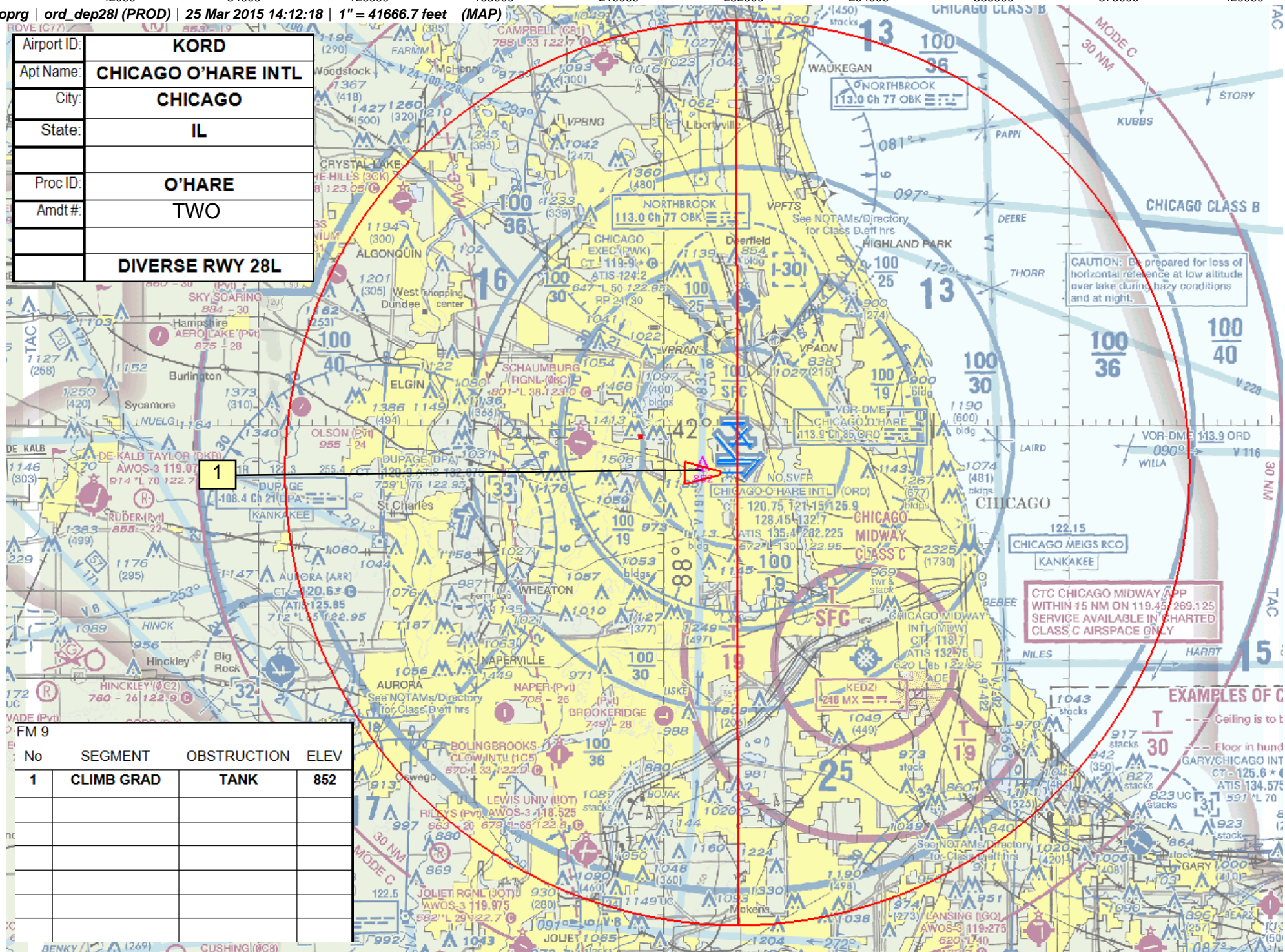




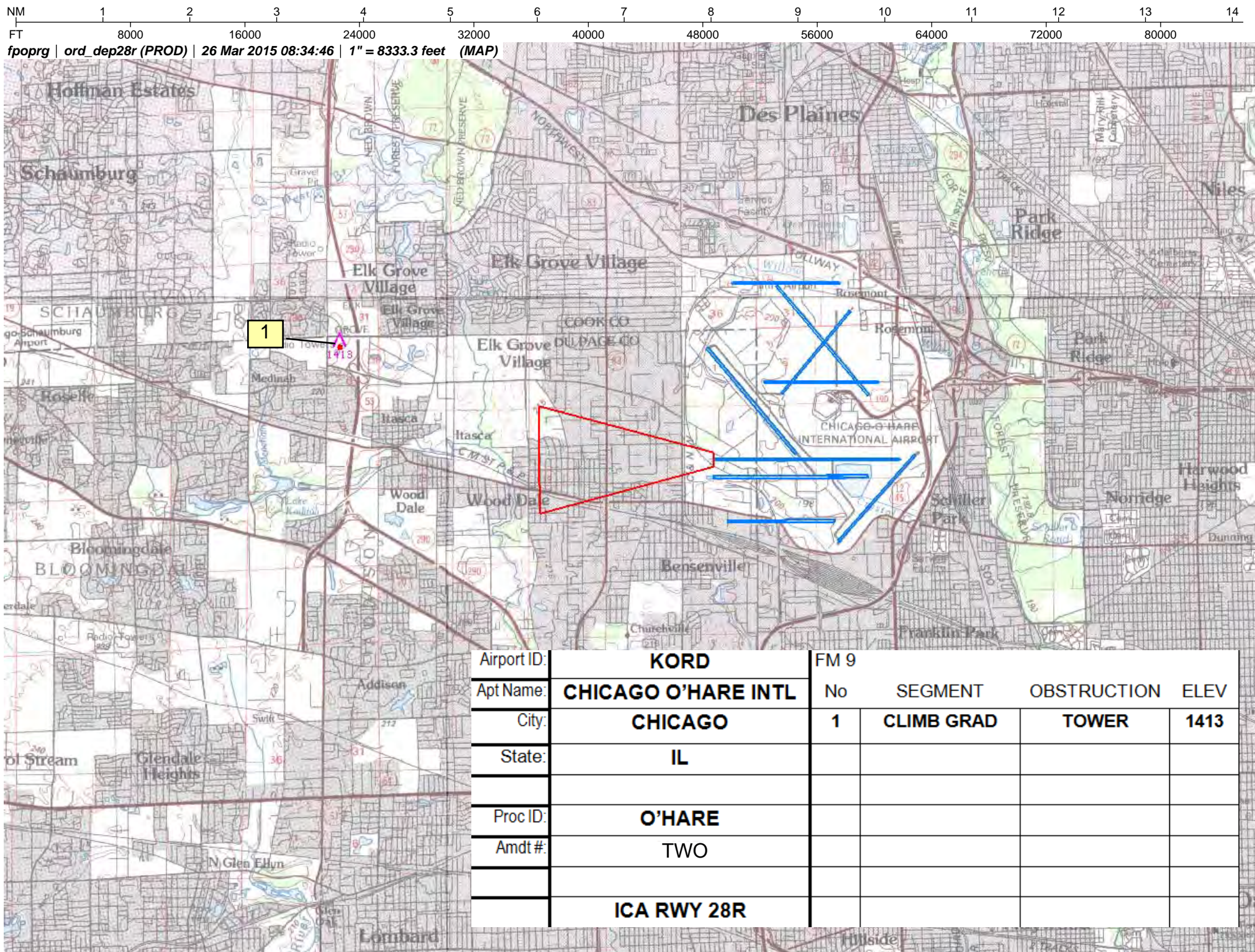


NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000  
fpoprg | ord\_dep28I (PROD) | 25 Mar 2015 14:12:18 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 28L

[illegible]

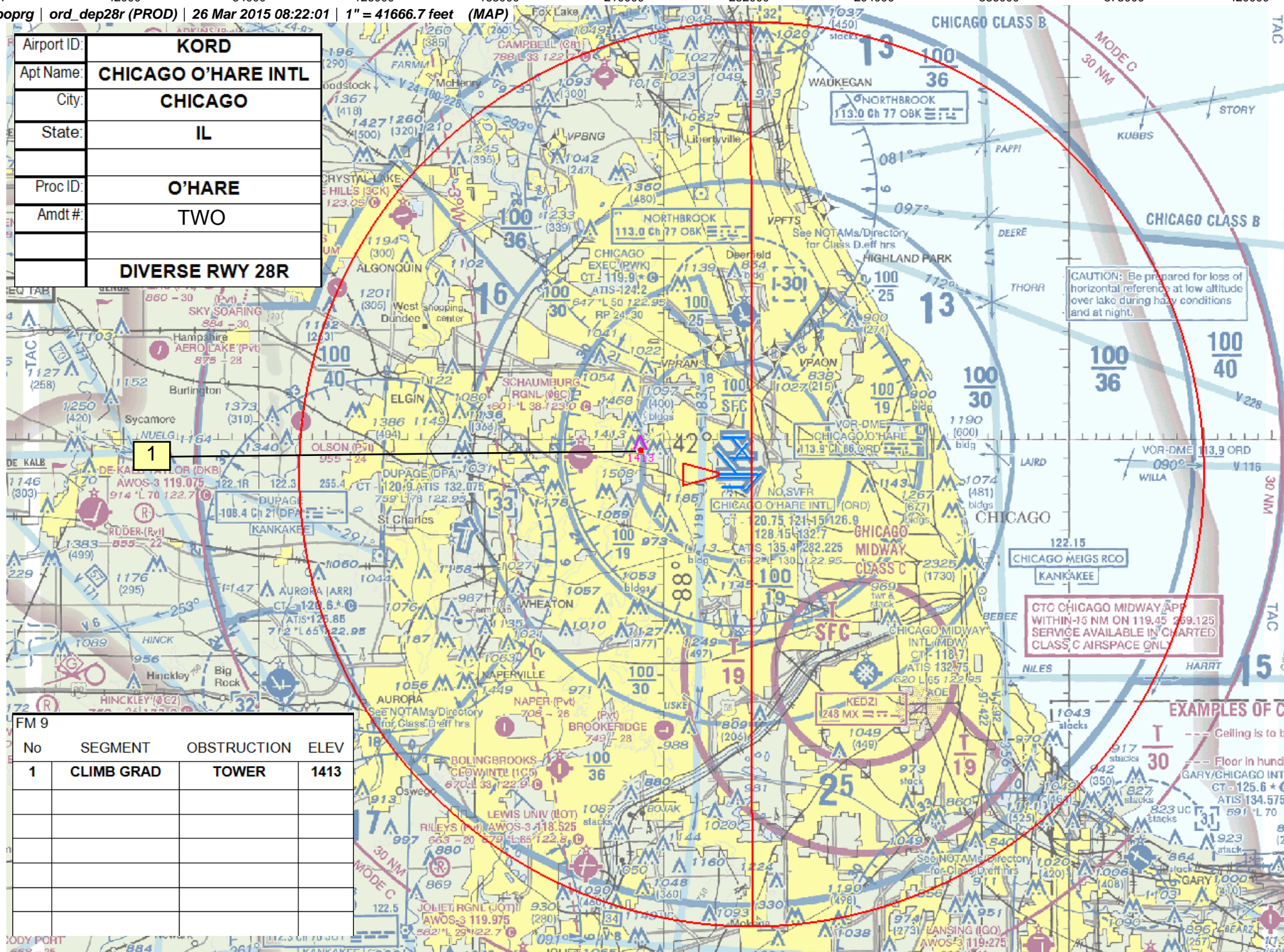




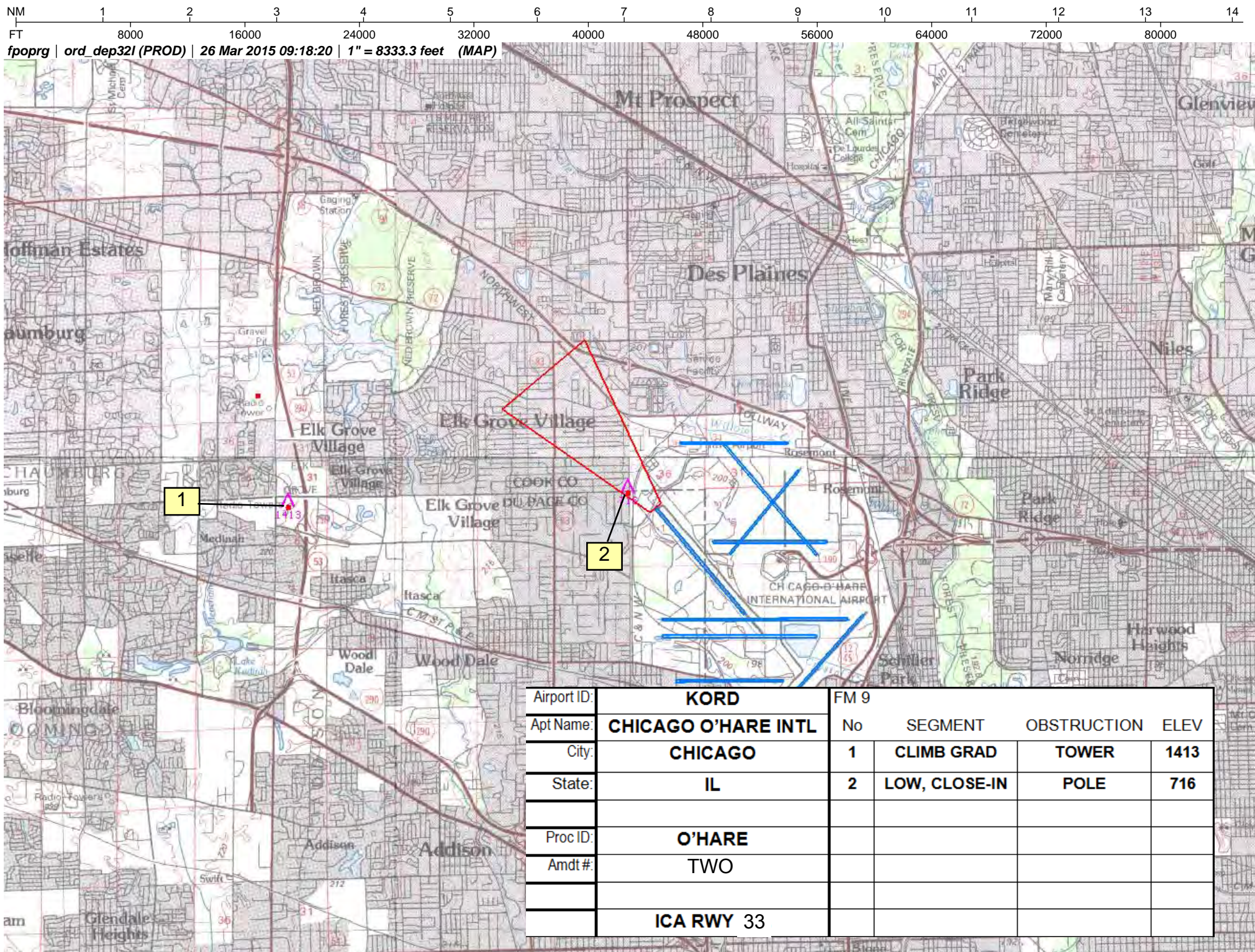


*fpoprg* | *ord\_dep28r* (PROD) | 26 Mar 2015 08:22:01 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 28R

[illegible]







*fpoprg* | *ord\_dep32l* (PROD) | 26 Mar 2015 09:13:33 | 1" = 41666.7 feet (MAP)

Airport ID:	KORD
Apt Name:	CHICAGO O'HARE INTL
City:	CHICAGO
State:	IL
Proc ID:	O'HARE
Amdt #:	TWO
	DIVERSE RWY 33





<b>FIPC BASIC FORM</b>							
<b>PROCEDURE:</b> SID,OHARE,TWO,CHICAGO,IL,KORD,!			<b>AIRPORT NAME:</b> CHICAGO O'HARE INTL		<b>AIRPORT ID:</b> KORD	<b>SPECIAL CONTROL NO:</b> BP-03-211-16	
<b>FAC ID:</b> ORD2		<b>CITY:</b> CHICAGO			<b>ST:</b> IL	<b>ORIG CHART DATE:</b> 09/15/2016	
<b>DFL TYPE:</b> PROC/T	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 0.4	<b>REIMB. NUMBER:</b>		<b>PTS TASK ID:</b> 2014082125137503001		
<b>PREFLIGHT NOTES</b>							
<b>REVIEWER:</b>					<b>DATE:</b>		
<b>COMMENTS:</b>					<b>CHECK ONE:</b>		
					<input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT		
							<b>YES</b>
					<b>CPV COMPLETE?</b>		
<b>PROCEDURE RESULTS</b>							
<b>INSPECTION DATE:</b> 03/22/2016		<b>CREW #:</b> VN888	<b>N #:</b>	<b>INSTRUMENT PROCEDURE STATUS:</b> <input type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input checked="" type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> elizabeth whaley @ 03/22/2016 11:13			<b>PRINTED NAME:</b> AVN, CREWMEMBER 1				<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b> .ari files not received.							
<b>IN-FLIGHT OBSTACLE REPORT</b>							
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>		<b>GNSS ALTITUDE (MSL):</b>		<b>BAROMETRIC ALTITUDE (MSL):</b>		<b>HEIGHT ABOVE GROUND LEVEL:</b>