Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 12/13/2011	Task #: 2011083023876702010	Request #: 20110830238767
Procedure: LOC RWY 4 L AMDT 22		Airport ID: KORD	Airport: CHICAGO O'HARE INTL		Reimbursable #:
City: CHICAGO	ST: IL	GPS #:		Estimated Chart Date: 05/31/2012	FICO #:
Fac ID: HNA	Fac. Type: LOC	Specialist: THOMAS KIRKPATRICK			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/05/2011	03/09/2012	JILL OLSON	
QA:	03/09/2012	03/12/2012	SCOTT BEARD	
Liaison:	03/12/2012		Terrell	

Procedure Comments:

Remark Type: INFORMATION

pkg 5 of 5

CHICAGO, IL CHICAGO O'HARE INTL (KORD) LOC RWY 4L, AMDT 22 ENROUTE-NO FC: 4.3.12 PUB: 5.31.12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9; 8260-2(S): ELLYN-INT, REV 8; KERBE-INT, REV 2; LAPPS-INT, REV 5; RACCY-INT, REV 6; (INFO ONLY) DUPAGE (DPA) VDME, REV 15; NORTHBROOK (OBK) VDME. REV 20.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

LOC RWY 4L
CHICAGO-O'HARE INTL (ORD)

LOC I-HNA	APP CRS	Rwy ldg / THRE / Apt Elev
111.3	042°	7500 / 656 / 672

MISSED APPROACH: Climb to 1300 then climbing left turn to 4000 direct OBK VOR/DME and hold.

ATIS	CHICAGO APP CON	O'HARE TOWERS	(TWR NORTH) GND CON	(TWR CENTER)	CLNC DEL
135.4 282.225	119.0 393.1	128.15 (Rwy 9L/27R) 120.75 126.9 132.7 348.0 (CENTER)	124.125	121.75 (OBND) 121.9 (IBND) 226.675	121.6

RADAR REQUIRED

NORTHBROOK 113.0 OBK Chan 77

CHICAGO-O'HARE 113.9 ORD Chan 86

DUPAGE 108.4 DPA Chan 21

LOCALIZER 111.3 I-HNA

RACCY ORD 2.3

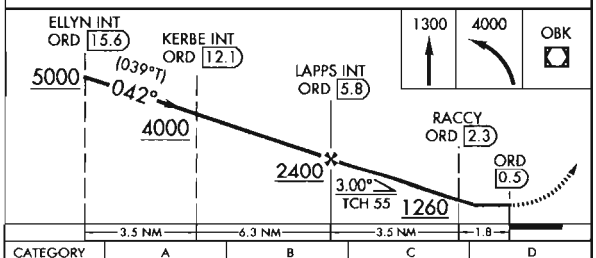
LAPPS INT ORD 5.8

KERBE INT ORD 12.1

ELLYN INT ORD 15.6

MSA ORD 25 NM 3400

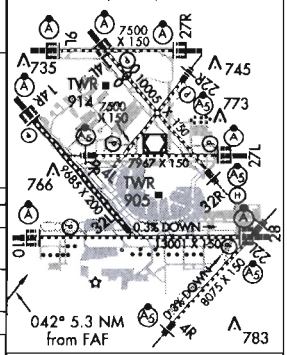
PROTOTYPE-NOT FOR NAVIGATION



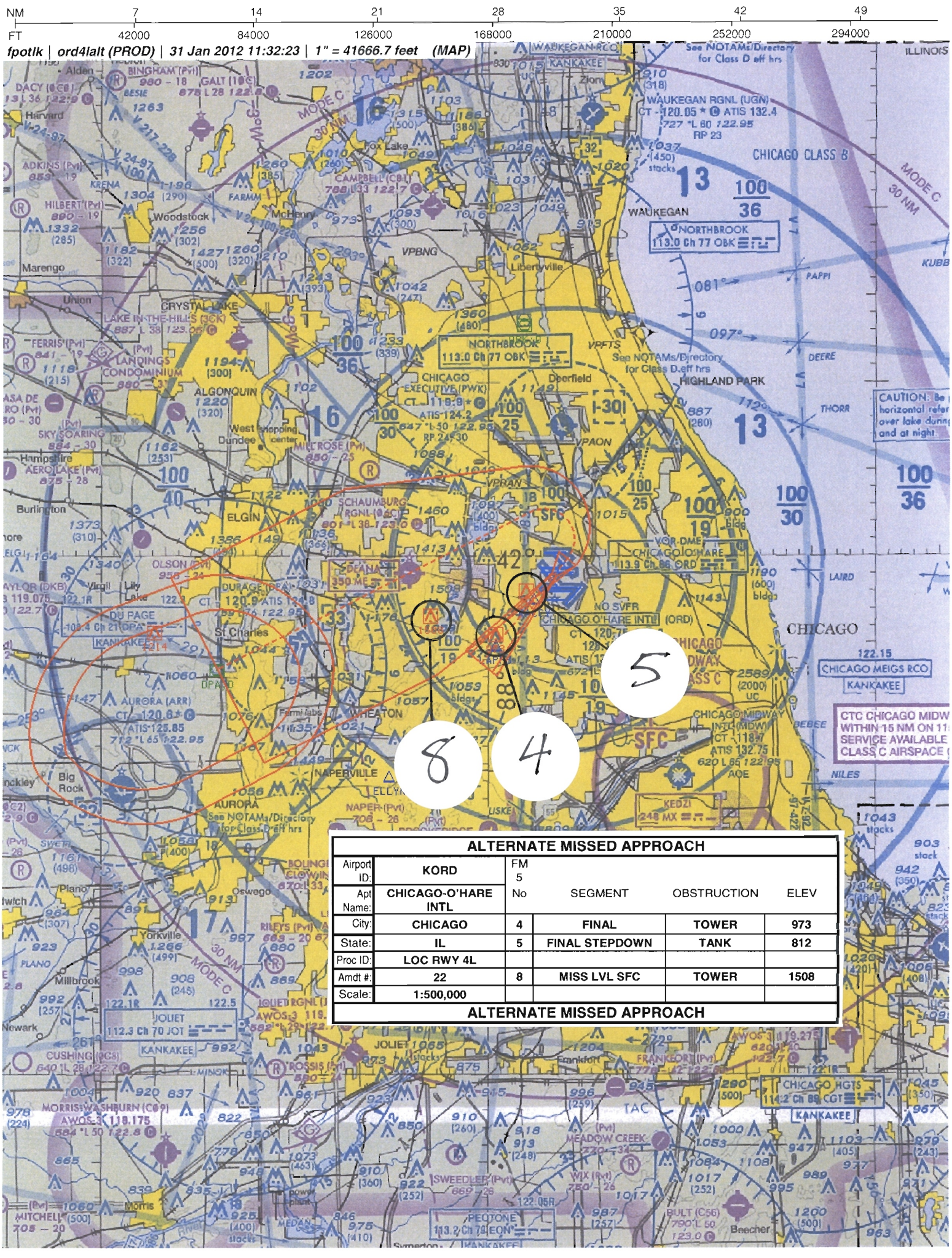
CATEGORY	A	B	C	D
S-4L	1260/60 604 (600-1¼)		1260-1¾ 604 (600-1¾)	
CIRCLING	1260-1 588 (600-1)		1260-1¾ 588 (600-1¾)	1260-2 588 (600-2)
RACCY FIX MINIMUMS				
S-4L	1060/60 404 (400-1¼)			
CIRCLING	1220-1 548 (600-1)		1220-1½ 548 (600-1½)	1240-2 568 (600-2)

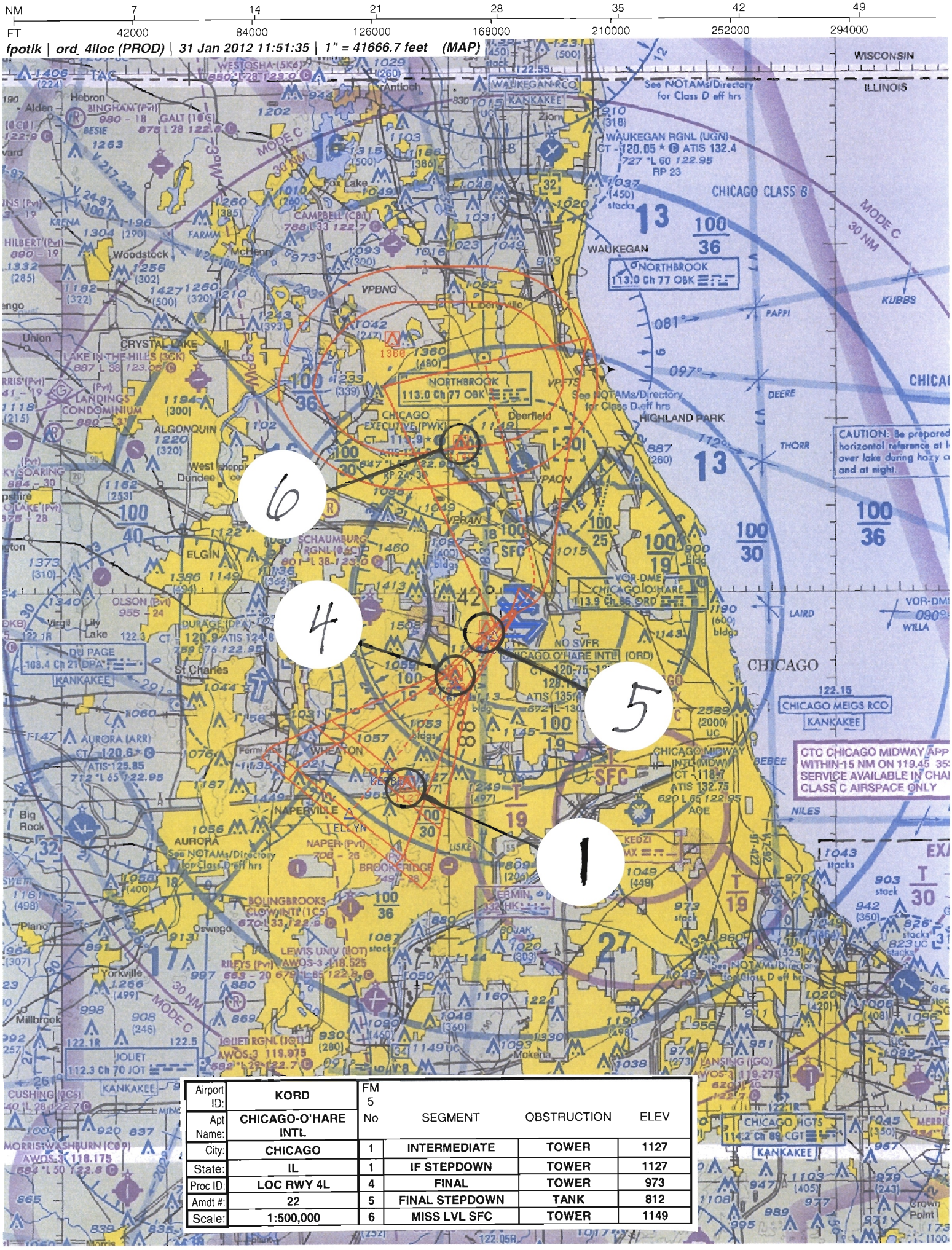
ELEV 672 D THRE 656

HIRL all Rwys
TDZ/CL all Rwys except 4L

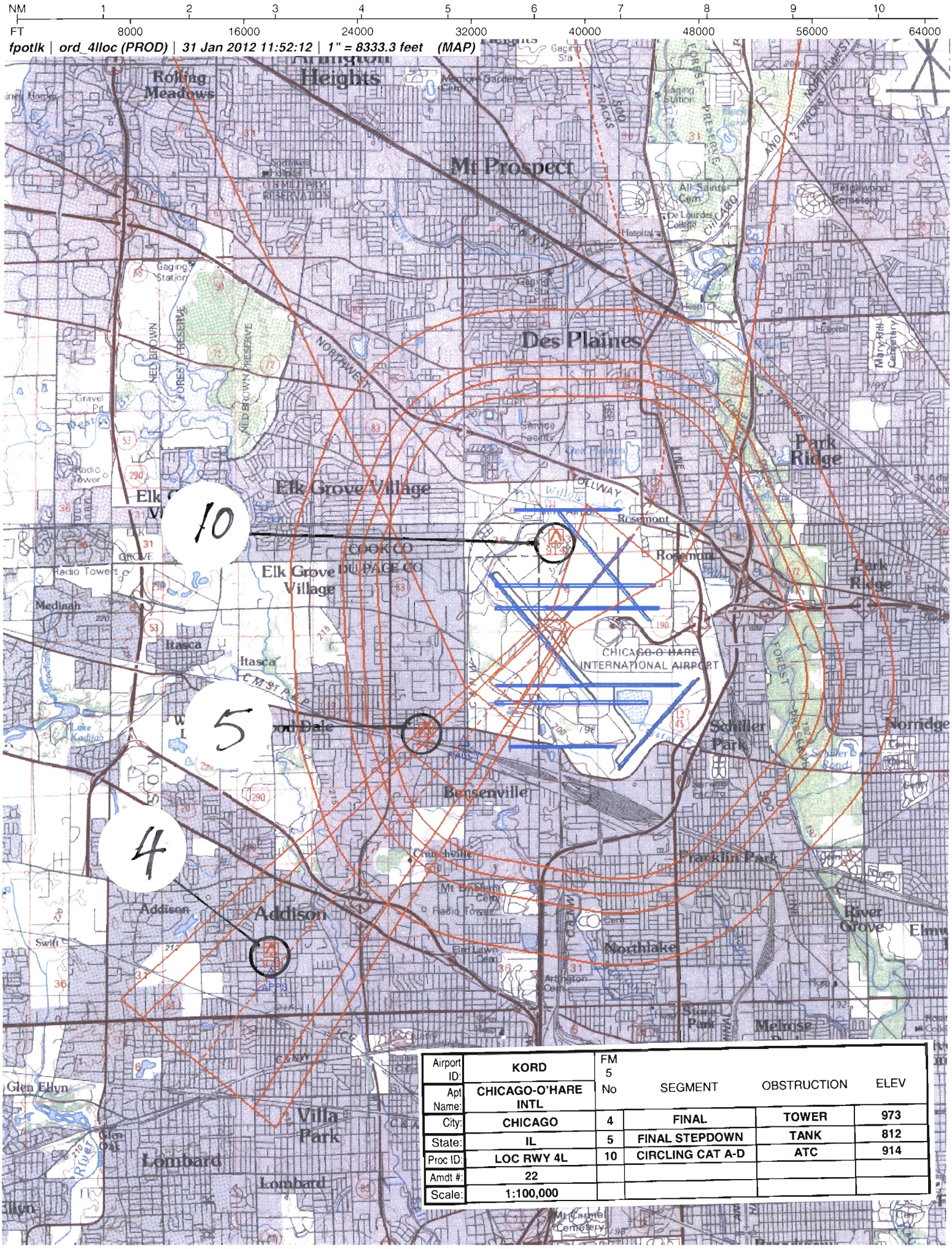


FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpotlk | ord4lalt (PROD) | 31 Jan 2012 11:32:23 | 1" = 41666.7 feet (MAP)
5
8
4
ALTERNATE MISSED APPROACH
Airport ID: KORD
Apt Name: CHICAGO-O'HARE INTL
City: CHICAGO
State: IL
Proc ID: LOC RWY 4L
Amdt #: 22
Scale: 1:500,000
FM 5
No SEGMENT OBSTRUCTION ELEV
4 FINAL TOWER 973
5 FINAL STEPDOWN TANK 812
8 MISS LVL SFC TOWER 1508
ALTERNATE MISSED APPROACH



Airport ID:	KORD	FM 5 No	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	CHICAGO-O'HARE INTL				
City:	CHICAGO	1	INTERMEDIATE	TOWER	1127
State:	IL	1	IF STEPDOWN	TOWER	1127
Proc ID:	LOC RWY 4L	4	FINAL	TOWER	973
Amdt #:	22	5	FINAL STEPDOWN	TANK	812
Scale:	1:500,000	6	MISS LVL SFC	TOWER	1149



Airport ID:	KORD	FM 5 No	SEGMENT	OBSTRUCTION	ELEV
Apt Name:	CHICAGO-O'HARE INTL				
City:	CHICAGO	4	FINAL	TOWER	973
State:	IL	5	FINAL STEPDOWN	TANK	812
Proc ID:	LOC RWY 4L	10	CIRCLING CAT A-D	ATC	914
Amdt #:	22				
Scale:	1:100,000				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ELLYN INT/ORD 15.57 DME (IF)	KERBE INT/ORD 12.12 DME	042.49 / 3.45 (I-HNA)	4000
KERBE INT/ORD 12.12 DME	LAPPS INT/ORD 5.84 DME	042.49 / 6.28 (I-HNA)	2400

MISSED APPROACH

MAP: 5.30 MILES AFTER LAPPS INT/ORD 5.84 DME OR AT ORD 0.54 DME FIX

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT OBK VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT DPA VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 092.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W DPA VOR/DME, RT, 068.00 INBOUND.
CHART FAS OBST: 812 TANK 415733N/0875658W
CHART IN PLANVIEW: DPA VOR/DME.
LAPPS TO RW4L: 3.00/55.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ELLYN
3. FAC 042.49 FAF LAPPS INT/ORD 5.84 DME DIST FAF TO MAP 5.30 THLD 5.30
4. MIN. ALT ELLYN 5000, KERBE 4000, LAPPS 2400, RACCY/ORD 2.34 DME 1260
8. MSA FROM: ORD VOR/DME 3400

MAG VAR: 3W EPOCH YEAR:2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4L	1260	5500	604	1260	5500	604	1260	1 3/4	604	1260	1 3/4	604			
CIRCLING	1260	1	588	1260	1	588	1260	1 3/4	588	1260	2	588			
RACCY FIX MINIMUMS															
S-4L	1060	5500	404	1060	5500	404	1060	6000	404	1060	6000	404			
CIRCLING	1220	1	548	1220	1	548	1220	1 1/2	548	1240	2	568			

NOTES:

CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 656	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	I-HNA	LOC RWY 4L, AMDT 22	AMDT 21
				DATE 05/07/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] ZAU, CHICAGO APP CON, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
THOMAS L KIRKPATRICK	AJV-353	02/01/2012

APPROVED BY		
NAME:	FIFO	DATE:
LARRY H STROUT MANAGER	AJV-353	

CHANGES:

1. CHANGED ELLYN FROM 14.44 DME TO 15.57 DME AND CHANGED TO AN INTERSECTION.
2. CHANGED KERBE FROM 11.11 DME TO 12.12 DME.
3. CHANGED LAPPS OM TO LAPPS INT AND DME FROM 5.78 TO 5.84.
4. CHANGED DIST FAF TO MAP/THLD FROM 5.24/5.24 TO 5.30/5.30.
5. ADDED ALTERNATE MISSED APPROACH/HOLDING.
6. CHANGED VDA FROM 3.04/55 TO 3.00/55.
7. CHANGED ALL HATS BY 2 FEET.
8. CHANGED FAF OBST FROM 804 ROD TO 812 TANK.

REASONS:

1,2. FIXES MOVED TO LOCATION ON RNAV GLIDEPATH ANGLE AT HIGH TEMP CALCULATOR SPECS.
3. OM DECOMMISSIONED, AND MOVED TO L-V PFAF LOCATION.
4. MOVED TO L-V PFAF LOCATION.
5. REQUIREMENT.
6. NEW CALCULATION USING L-V PFAF CALCULATOR.
7. ALL HATS CHANGED FROM TDZE TO THRE.
8. NEW CONTROLLING OBST.

PDF EDITS:
REMOVED "NA" FROM LINE 1.

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ARINC PACKET - 424-18 - LOC

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        OBK   K5011300VDHW N42131696W087570582    N42131696W087570582W0020007092     NARNORTHBROOK
          SUSAD        ORD   K5011390VDLA N41591562W087541759    N41591562W087541759E0020006501     NARCHICAGO O'HARE

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ELLYN K50    C     N41471652W088073697                    W0032     NAR          ELLYN
          SUSAEAENRT   KERBE K50    C     N41495683W088044126                    W0032     NAR          KERBE
          SUSAEAENRT   LAPPS K50    C     N41544814W087592120                    W0033     NAR          LAPPS
          SUSAEAENRT   RACCY K50    R     N41573054W087562211                    W0034     NAR          RACCY

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KORDK5AORD     0     130YHN41585394W087542402W003000672         1800018000C    MNAR     CHICAGO O'HARE INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KORDK5FL04L  AELLYN 010ELLYNK5EA0E  B    IF                                  + 05000    18000                0 NS
          SUSAP KORDK5FL04L  AELLYN 020KERBEK5EA0EE      CF IHNAK5      2225012904250035PI  + 04000                         0 NS
          SUSAP KORDK5FL04L  L      010KERBEK5EA0E  I    IF IHNAK5      22250129        PI  + 04000    18000                0 NS
          SUSAP KORDK5FL04L  L      020LAPPSK5EA0E  F    CF IHNAK5      2225006704200063PI  + 02400                ORD   K5D 0 NS
          SUSAP KORDK5FL04L  L      021RACCYK5EA0E S     CF IHNAK5      2225003104200035PI  + 01260          -300          0 NS
          SUSAP KORDK5FL04L  L      030RW04LK5PG0GY M    CF IHNAK5      2225001304200018PI    00711      -300          0 NS
          SUSAP KORDK5FL04L  L      040          0  M    CA                      0425       + 01300                         0 NS
          SUSAP KORDK5FL04L  L      050OBK  K5D 0VY      DF                                 + 04000                         0 NS
          SUSAP KORDK5FL04L  L      060OBK  K5D 0VE  R   HM                      0920T010   + 04000                         0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KORDK5GRW04L   0075000425 N41585396W087545010-0100    +0166300656000055150RIHNA0

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KORDK5IIHNA0   011130RW04LN41595639W0875341130425                0689     0490   W0030

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

GUM IT! CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 656	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: **CHICAGO O'HARE INTL**	**I-HNA**	**LOC RWY 4L, AMDT 22**	AMDT: **21**
				DATED: **05/07/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	NFPG	DATE:

APPROVED BY

NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
SUSAP KORDK5SORD  K5D              0   18018003425                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 656	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	I-HNA	LOC RWY 4L, AMDT 22	AMDT: 21
				DATED: 05/07/2009

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ELLYN	ELLYN	010		IF		FB				AA 05000	
	ELLYN	KERBE	020		CF		FB		042.5()	003.5	AA 04000	
		KERBE	010	FACF	IF		FB				AA 04000	
		LAPPS	020	FAF	CF		FB		042.0()	006.3	AA 02400	
		RACCY	021	SDF	CF		FB		042.0()	003.5	AA 01260	
		RW04L	030	MAP	CF		FO		042.0()	001.8	AT 00711	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		042.5()		AA 01300	
	OBK	050		DF		FO				AA 04000	
	OBK	060		HM	R	FO		092.0()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OBK	N421316.96	W0875705.82	N4213.283	W08757.097
	ORD	N415915.62	W0875417.59	N4159.260	W08754.293
	ELLYN	N414716.52	W0880736.97	N4147.275	W08807.616
	KERBE	N414956.83	W0880441.26	N4149.947	W08804.688
	LAPPS	N415448.14	W0875921.20	N4154.802	W08759.353
	RACCY	N415730.54	W0875622.11	N4157.509	W08756.369
	RW04L	N415853.96	W0875450.10	N4158.899	W08754.835
	IHNA (LOC)	N415956.39	W0875341.13	N4159.940	W08753.686

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04L	00656	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 672	THRE: 656	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: **CHICAGO O'HARE INTL**		**I-HNA**	**LOC RWY 4L, AMDT 22**	AMDT: **21**
					DATED: **05/07/2009**

ALL AFFECTED PROCEDURES REVIEWED? ☐ YES ☐ NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
INTERMEDIATE	ELLYN INT/ORD	KERBE INT/ORD	1. TOWER (17-001836)	414833.00N/0880310.00W	1127 (5D)	500	AT2373	4000
	15.57 DME	12.12 DME	2. TERRAIN	414815.00N/0880657.00W	804 (800)		AS1500	2300
INTERMEDIATE:	KERBE INT/ORD	LAPPS INT/ORD	1. TOWER (17-001836)	414833.00N/0880310.00W	1127 (5D)	500	AT773	2400
STEPDOWN	12.12 DME	5.84 DME	3. TERRAIN	415257.00N/0880503.00W	791 (800)		AS1500	2300
FINAL	LAPPS INT/ORD	RACCY/ORD 2.34	4. TOWER (17-000603)	415459.30N/0875921.10W	973 (2C)	250	AT37	1260
	5.84 DME	DME						
FINAL: STEPDOWN	RACCY/ORD 2.34	5.30 MILES AFTER	5. TANK (17-002338)	415733.00N/0875658.00W	812 (2C)	250	SA-32 XP30	1060
	DME	LAPPS INT/ORD						
		5.84 DME OR AT						
		ORD 0.54 DME						
		FIX						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	5.30 MILES AFTER	OBK VOR/DME				ASC		4000
	LAPPS INT/ORD		6. TOWER (17-000689)	420814.00N/0875858.00W	1149 (5D)	1000		2200
ELEV:	810		7. TERRAIN	421157.00N/0880445.00W	893 (900)		AS1500	2400

4. CIRCLING AREA	DISTANCE		REQUIRED		ACTUAL							
		HT. ABV. ARPT.										
CATEGORY A	1.3 NM		350		588 / 548	10. ATC (17-021308)	415946.43N/0875456.75W	914 (1A)	300	SI	1260 / 1220	
CATEGORY B	1.5 NM		450		588 / 548	10. ATC (17-021308)	415946.43N/0875456.75W	914 (1A)	300	SI	1260 / 1220	
CATEGORY C	1.7 NM		450		588 / 548	10. ATC (17-021308)	415946.43N/0875456.75W	914 (1A)	300	SI	1260 / 1220	
CATEGORY D	2.3 NM		550		588 / 568	10. ATC (17-021308)	415946.43N/0875456.75W	914 (1A)	300	SI / HAA	1260 / 1240	
CATEGORY E	4.5 NM		550									

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ORD VOR/DME

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	BLDG (17-000687)	116/ 13.7	2325 (2D)	3400					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CHICAGO, IL	ELEVATION: 672 AIRPORT NAME: CHICAGO O'HARE INTL	I-HNA	LOC RWY 4L, AMDT 22	AGL

CHECKED

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ORD TOWER CHICAGO APP CON	N W S	OTHER: ASOS	SOURCE: KORD
	F A A		DISTANCE:
	A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:			
X V H F X U H F H F	LOCATION: KORD		ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID: I-HNA	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 28C, 09L, 10, 28, 14L, 27L, 14R, 10C, 27C, 09R, 10R, 09C, 28L, 27R
		(S) SALS
	X	MALSR 04R, 22R, 32R, 22L
	X	HIRL 28C, 09L, 10, 28, 04R, 14L, 27L, 14R, 10C, 22R, 32R, 27C, 04L, 32L, 09R, 10R, 22L, 09C
		MIRL
		REIL
	X	TDZ 09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 32L, 22L, 27R
	X	C/L 09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R
	X	OTHER (SPECIFY) PAPI-4L 10, 28, 14L, 14R, 22R, 22L

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R
	MIDFIELD	09L, 10, 28, 14L, 14R, 32R, 32L, 22L, 27R
	ROLL OUT	09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 655.7
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 55.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: THOMAS L KIRKPATRICK	DATE: 02/01/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

NO ADDITIONAL AIRSPACE REQUIRED.

2. KORD ASOS ON SERVICE-A; HR OPTN: 24, LOCATION: ON AIRPORT.
BACKUP ALTIMETER NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT AIRPORT.

PROCEDURE CONTAINED WITHIN CLASS B AIRSPACE SAME AS PREVIOUS AMENDMENT.

ELLYN (5000), AND KERBE (4000) FIXES ESTABLISHED ON GLIDEPATH PER ATC REQUEST USING HIGH TEMP CALCULATOR; SATISFIES DESCENT GRADIENT FOR SIMULTANEOUS OPERATIONS.

OBST #5 LOCATED 233 FT INTO SECONDARY AREA.

XP30: MAINTAIN CURRENT MDA

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 4000
8. TOWER (17-000007) 415605.00N/0880424.00W 1508 (4D)
1000 2600
9. TERRAIN 415812.00N/0882345.00W 919 (900) AS1500
2400

QUALITY CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH MAP:								
ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	ACTUAL					
CATEGORY A	1.3 NM	350						
CATEGORY B	1.5 NM	450						
CATEGORY C	1.7 NM	450						
CATEGORY D	2.3 NM	550						
CATEGORY E	4.5 NM	550						

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED

CITY AND STATE	ELEVATION: 672 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CHICAGO, IL	CHICAGO O'HARE INTL	I-HNA	LOC RWY 4L, AMDT 22	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
SATISFACTORY ON:	[ ] NWS	OTHER:	SOURCE:
	[ ] FAA		DISTANCE:
	[ ] A/C		HOURS REMOTE OPERATION:
[ ] VHF [ ] UHF [ ] HF	LOCATION:		ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	CAT 3	

5. APPROACH & RUNWAY LIGHTING		
	[ ]	ALS
	[ ]	(S) SALS
	[ ]	MALS
	[X]	HIRL 28L, 27R
	[ ]	MIRL
	[ ]	REIL
	[ ]	TDZ
	[ ]	C/LINE
	[ ]	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING			
	[ ]	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	[ ]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ELLYN **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 414716.52N/0880736.97W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHICAGO O'HARE INTL	I-HNA	LOC		222.49	219.49		16.39		5000	5100
2	CHICAGO O'HARE	ORD	VOR/DME	L			15.57			5000	17500
3	DUPAGE	DPA	VOR/DME	L	119.46	121.46		11.75		5000	17500

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

REMARKS:
CHICAGO O'HARE INTL (FAC 1) AND DUPAGE (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4L	1, 2, 3		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATE FIX COORDINATES, FIX MOVED 1.14 NM SW. (FIX NAME RETAINED AT ATC REQUEST.)
ADD DIST FROM FAC FOR FAC 1.
CHANGED FAC 2 DME FROM 14.44 TO 15.57.
ADD FAC 3.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 01/31/2012 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KERBE **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 414956.83N/0880441.26W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHICAGO O'HARE INTL	I-HNA	LOC		222.49	219.49		12.93		4000	5100
2	CHICAGO O'HARE	ORD	VOR/DME	L			12.12	12.12		4000	17500
3	DUPAGE	DPA	VOR/DME	L	103.80	105.80		12.68		4000	17500

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

REMARKS:
DUPAGE (FAC 3) AND CHICAGO O'HARE INTL (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4L	1, 2, 3		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
ADD WP TO FIX TYPE.
UPDATE FIX COORDINATES, FIX MOVED 1.01NM SW. (FIX NAME RETAINED AT ATC REQUEST.)
CHANGED FAC 1: ADD DIST FROM FAC, MRA FROM 2700 TO 4000.
CHANGED FAC 2: DME DIST FROM 11.11 TO 12.12, ADD DIST FROM FAC, MRA/MAA FROM 2700/5100 TO 4000/17500.
CHANGED FAC 3: MAG/TRUE BRG FROM 099.74/101.74 TO 103.80/105.80, ADD DIST FROM FAC, MRA FROM 2700 TO 4000.
UPDATE FIX USE.
FIXES ESTABLISHED ON GLIDEPATH PER ATC REQUEST USING HIGH TEMP CALCULATOR.

DEVELOPED BY: **DATE:** 01/31/2012 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER:

QUALITY CHECKED 4

RADIO FIX AND HOLDING DATA RECORD

NAME: LAPPS **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 415448.14N/0875921.20W **TYPE:** WP, INT, DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHICAGO O'HARE INTL	I-HNA	LOC		222.49	219.49		6.65	40421	2400	5100
2	CHICAGO O'HARE	ORD	VOR/DME	L			5.84	5.84		2400	17500
3	DUPAGE	DPA	VOR/DME	L	083.00	085.00		16.23		2400	17500

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

REMARKS:
CHICAGO O'HARE INTL (FAC 1) AND DUPAGE (FAC 3) USED TO ESTABLISH FIX COORDINATES
CHANGED FIX NAME FROM LAPPS OM TO LAPPS.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LOC RWY 4L	1, 2, 3		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
CHANGED FIX NAME FROM LAPPS OM TO LAPPS. (HNA OM BEING DECOMMISSIONED.)
UPDATE FIX COORDINATES, FIX MOVED 367 FEET SW.
ADD DIST FROM FAC FOR FAC 1.
MADE ORD FAC 2 AND CHANGED DME DIST FROM 5.78 TO 5.84.
MADE DPA FAC 3 AND CHANGED MAG/TRUE BRG FROM 082.85/084.84 TO 083.00/085.00.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 01/31/2012 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RACCY **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 415730.54N/0875622.11W **TYPE:** DME

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHICAGO O'HARE INTL	I-HNA	LOC		222.49	219.49		3.15		960	5100
2	CHICAGO O'HARE	ORD	VOR/DME	L			2.34	2.34		960	17500

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CHICAGO-O'HARE INTL - LOC RWY 4L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
FAC 1/2: ADD DIST FROM FAC, MRA FROM 1160 TO 960.

DEVELOPED BY: **DATE:** 01/31/2012 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

"INFO ONLY"

NAME: DUPAGE VOR/DME **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 415325.30N/0882100.62W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	DUPAGE	DPA	VOR/DME	L							17500

FIX RESTRICTIONS:
SPECIAL VOR/DME OR GPS-A, KLL22, DOWNERS GROVE, IL
SPECIAL VOR OR RNAV (GPS)-A, K82IS, HUNTLEY, IL
SPECIAL VOR-A, K68IS, HAMPSHIRE, IL

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	DPA	VOR/DME	248.00	068.00	R	1		2500	10000	4	9
2	W		WP	248.00	068.00	R		4	4000	6000	5	6
3	W		WP	250.00	070.00	R		4	4000	6000	5	6
4	S	DPA	VOR/DME	169.51	349.51	R	1		3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (17-000110)	414610.00N/0881444.00W	1449	5D
1	200	AAO	415508.00N/0882552.00W	1229	2C
1	310	TOWER (17-000110)	414610.00N/0881444.00W	1449	5D
2	200	AAO	415508.00N/0882552.00W	1229	2C
3	200	AAO	415508.00N/0882552.00W	1229	2C
4	200	TOWER (17-000110)	414610.00N/0881444.00W	1449	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2500.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 2L	KDPA	CHICAGO/WEST CHICAGO	IL (US)
1	VOR OR GPS RWY 2L	KDPA	CHICAGO/WEST CHICAGO	IL (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MIDWAY			KMDW	CHICAGO	IL (US)
DP	O'HARE			KORD	CHICAGO	IL (US)
EN ROUTE	V172					(US)
EN ROUTE	V6					(US)
IAP	VOR-A			K1C5	BOLINGBROOK	IL (US)
IAP	I-55 VISUAL APPROACH RWY 13C			KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC/DME RWY 13C			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 13C			KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 14R			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22R		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 27L			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 27R			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 32L		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 9R			KORD	CHICAGO	IL (US)
IAP	ILS RWY 10 (CAT II/III)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14R (CAT II/III)			KORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (CAT II/III)			KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT II/III)			KORD	CHICAGO	IL (US)
IAP	ILS RWY 28 (CAT II/III)		1	KORD	CHICAGO	IL (US)
IAP	LOC RWY 4L			KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 09R			KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22R		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 28		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 32L		3	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4R			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 33			KARR	CHICAGO/AURORA	IL (US)
IAP	ILS OR LOC RWY 9			KARR	CHICAGO/AURORA	IL (US)

QUALITY CHECKED

IAP	RNAV (GPS) RWY 27		KARR	CHICAGO/AURORA	IL (US)
IAP	VOR RWY 15		KARR	CHICAGO/AURORA	IL (US)
IAP	VOR RWY 33		KARR	CHICAGO/AURORA	IL (US)
IAP	VOR RWY 36		KARR	CHICAGO/AURORA	IL (US)
IAP	VOR RWY 26		K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	VOR-A		K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	LOC/DME RWY 9		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 20		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 9		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	VOR RWY 9		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	ILS OR LOC RWY 10		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	ILS OR LOC RWY 2L	1	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20R		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	VOR OR GPS RWY 2L	1	KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	VOR RWY 10		KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	ILS OR LOC RWY 2		KDKB	DE KALB	IL (US)
IAP	NDB RWY 27		KDKB	DE KALB	IL (US)
IAP	VOR/DME OR GPS-A		KLL22	DOWNERS GROVE	IL (US)
IAP	VOR-A		K68IS	HAMPSHIRE	IL (US)
IAP	VOR OR RNAV (GPS)-A	4	K82IS	HUNTLEY	IL (US)
IAP	RNAV (GPS) RWY 13		KJOT	JOLIET	IL (US)
STAR	JANESVILLE		KORD	CHICAGO	IL (US)

REQUIRED CHARTING: SECTIONAL, VFR TERMINAL AREA, HELICOPTER ROUTE, DP, IAP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
ADDED HOLDING PATTERN 4.
ADDED CONTROLLING OBSTACLE FOR PATTERN 4.

DEVELOPED BY: **DATE:** 08/26/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (KISSY MAXFIELD)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER: DPA ATCT

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD "INFO ONLY"

NAME: NORTHBROOK VOR/DME **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 421316.96N/0875705.82W **TYPE:**

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

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	NORTHBROOK	OBK	VOR/DME	H							45000

FIX RESTRICTIONS:
SPECIAL VOR OR GPS-A, K82IS, HUNTLEY, IL

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W	OBK	VOR/DME	272.00	092.00	R	1		4000	13000	6	10
2	N	OBK	VOR/DME	343.28	163.28	L	1		2700	5000	6	7
3	W		WP	272.00	092.00	R		6	4000	13000	7	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	310	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
1	230	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
1	310	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
2	230	TOWER (17-000314)	422335.00N/0880105.00W	1186	2C
3	230	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3400.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 22R (ALT MISSED)	KORD	CHICAGO	IL (US)
3	RNAV (GPS) RWY 32R	KORD	CHICAGO	IL (US)

REMARKS:
HOLDING PATTERNS CIVIL AND MILITARY USE.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WHITEWATER			KCVG	COVINGTON	KY (US)
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	J100					IL (US)
EN ROUTE	J101					IL (US)
EN ROUTE	J128					IL (US)
EN ROUTE	J19					IL (US)
EN ROUTE	J35					IL (US)
EN ROUTE	J547					IL (US)
EN ROUTE	J584					IL (US)
EN ROUTE	J71					IL (US)
EN ROUTE	J73					IL (US)
EN ROUTE	J84					IL (US)
EN ROUTE	J87					IL (US)
EN ROUTE	J89					IL (US)
EN ROUTE	J90					IL (US)
EN ROUTE	J94					IL (US)
EN ROUTE	V100					IL (US)
EN ROUTE	V191					IL (US)
EN ROUTE	V228					IL (US)
EN ROUTE	V24					IL (US)
EN ROUTE	V526					IL (US)
EN ROUTE	V84					IL (US)
IAP	I-55 VISUAL APPROACH RWY 13C			KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 14L (ALT MISSED)		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 14R			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22L			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22R (ALT MISSED)		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 27L			KORD	CHICAGO	IL (US)

CHECKED

IAP	ILS OR LOC RWY 27R	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 32R		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 9L	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 9R		KORD	CHICAGO	IL (US)
IAP	ILS RWY 10 (CAT II)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 10 (CAT III)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT II) (ALT MISSED)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT III) (ALT MISSED)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14R (CAT II)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 14R (CAT III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (CAT II)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (CAT III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT II)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT III)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 28 (CAT III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 9L (CAT II)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 9L (CAT III)	1	KORD	CHICAGO	IL (US)
IAP	LOC RWY 28 (CAT II)		KORD	CHICAGO	IL (US)
IAP	LOC RWY 4L	1	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22L		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 32R		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L	3	KORD	CHICAGO	IL (US)
IAP	VOR RWY 26		K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	VOR-A		K3CK	CHICAGO/LAKE IN THE HILLS	IL (US)
IAP	ILS OR LOC RWY 16	2	KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
IAP	VOR RWY 16	2	KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
IAP	LOC RWY 2		KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	ILS RWY 23		KUGN	CHICAGO/WAUKEGAN	IL (US)
IAP	ILS OR LOC RWY 2		KDKB	DE KALB	IL (US)
IAP	RNAV (GPS)-B		KC81	GRAYSLAKE	IL (US)
IAP	VOR-A		KC81	GRAYSLAKE	IL (US)
IAP	VOR-A		K10C	GREENWOOD/WONDER LAKE	IL (US)
IAP	VOR OR RNAV (GPS)-A		K82IS	HUNTLEY	IL (US)
IAP	RNAV (GPS) RWY 7L		KENW	KENOSHA	WI (US)
IAP	RNAV (GPS) RWY 23		KC02	LAKE GENEVA	WI (US)
IAP	RNAV (GPS) RWY 32		KRAC	RACINE	WI (US)
STAR	JANESVILLE		KORD	CHICAGO	IL (US)
STAR	PAITN		KORD	CHICAGO	IL (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, AREA, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
NEW COORDINATES, FIX MOVED 62 FEET E.

DEVELOPED BY: **DATE:** 02/24/2012 **OFFICE:** AJV-353 **NAME:** HERMAN ROGERS

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER: ORD ATCT