

RADIO FIX AND HOLDING DATA RECORD

NAME: CHICAGO HEIGHTS VORTAC

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 413036.02N/0873417.57W

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	FEET	MRA	MAA
1	CHICAGO HEIGHTS	CGT	VORTAC	L							17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	CGT	VORTAC	156.00	336.00	R	1		2300	6000	4	5
2	SW	CGT	VORTAC	223.93	043.93	R	1		2300	6000	4	5
3	SW	CGT	VORTAC	226.27	046.27	R	1		2300	6000	4	5
4	W	CGT	VORTAC	263.90	083.90	R	1		2300	6000	4	5
5	SW	CGT	VORTAC	229.20	049.20	R	1		2300	6000	4	5
6	NW	CGT	VORTAC	332.74	152.74	R	1		2300	6000	4	5
7	SE	WP	WP	156.00	336.00	R		4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (17-002211)	412715.00N/0874322.00W	1290	5D
1	200	TOWER (18-000501)	412552.00N/0872937.00W	1103	5D
2	200	TOWER (17-002211)	412715.00N/0874322.00W	1290	5D
3	200	TOWER (17-002211)	412715.00N/0874322.00W	1290	5D
4	200	TOWER (17-002211)	412715.00N/0874322.00W	1290	5D
5	200	TOWER (17-002211)	412715.00N/0874322.00W	1290	5D
6	200	TOWER (17-002719)	413715.00N/0874055.00W	1049	5D
7	200	TOWER (18-000501)	412552.00N/0872937.00W	1103	5D

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 2800.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAG VAR 2 EAST

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V422					(US)
EN ROUTE	V51					(US)
EN ROUTE	V7					(US)
EN ROUTE	V8					(US)
EN ROUTE	V92					(US)
EN ROUTE	V97					(US)
IAP	LOC RWY 36		6	KIGQ	CHICAGO	IL (US)
IAP	VOR-A		5	KIGQ	CHICAGO	IL (US)
IAP	ILS OR LOC/DME RWY 13C		2	KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC/DME RWY 31C		2	KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC/DME RWY 4R		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 13L			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22R			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 31R			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10C		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10L		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 15			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22L			KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28L		1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R			KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C		1	KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (CAT II, III)		1	KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (SA CAT I)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (CAT II, III)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (SA CAT I)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (CAT II, III)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (SA CAT I)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (CAT II, III)		1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (SA CAT I)		1	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) PRM RWY 10C		7	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10C		7	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10L		7	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 28L		7	KORD	CHICAGO	IL (US)
IAP	LOC/DME RWY 09			KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 27			KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 27			KC56	MONEE	IL (US)
IAP	RNAV (GPS) RWY 9			KC56	MONEE	IL (US)

QUALITY
16
CHECKED

IAP	COPTER ILS RWY 30	1	KGYG	GARY	IN (US)
IAP	ILS OR LOC RWY 30	1	KGYG	GARY	IN (US)
IAP	RNAV (GPS) Y RWY 30		KGYG	GARY	IN (US)
IAP	RNAV (GPS) RWY 26		K05C	GRIFFITH	IN (US)
IAP	VOR RWY 8	4	K05C	GRIFFITH	IN (US)
IAP	VOR OR GPS-A		KC97	LOWELL	IN (US)
IAP	ILS RWY 27		KVPZ	VALPARAISO	IN (US)
IAP	RNAV (GPS) RWY 27		KVPZ	VALPARAISO	IN (US)
SPECIAL IAP	ILS Z RWY 31C	2	KMDW	CHICAGO	IL (US)
STAR	GOSHEN		KIGQ	CHICAGO	IL (US)
STAR	GOSHEN		KMDW	CHICAGO	IL (US)
STAR	GOSHEN		KGYG	GARY	IN (US)
STAR	GOSHEN		K05C	GRIFFITH	IN (US)
STAR	GOSHEN		K3HO	HOBART	IN (US)
STAR	SHELBYVILLE		KCVG	COVINGTON	KY (US)
STAR	SHELBYVILLE		KK62	FALMOUTH	KY (US)
STAR	SHELBYVILLE		KI69	BATAVIA	OH (US)
STAR	SHELBYVILLE		KLUK	CINCINNATI	OH (US)
STAR	SHELBYVILLE		KHAO	HAMILTON	OH (US)

REQUIRED CHARTING: STAR, IAP, AREA, CONTROLLER, EN ROUTE LOW, SPECIAL IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED KORD FIX USE: DELETED ILS OR LOC RWY 14L, ILS RWY 14L (CAT II AND III), ILS RWY 14R (CAT II AND III), AND ILS OR LOC RWY 32R; CHANGED ILS OR LOC RWY 14R TO ILS OR LOC RWY 15.

DEVELOPED BY: **DATE:** 12/17/2015 **OFFICE:** AJV-5411 **NAME:** KELLY DEAN

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZAU
ATC FACILITY: ORD, MDW
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: INDDY OM

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 415417.72N/0874824.69W

TYPE: RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	INDDY	ID	OM								5300
2	CHICAGO	I-IDN	LOC		140.27	140.27				1700	4500
3	CHICAGO O'HARE	ORD	VOR/DME	L			6.63			1700	17500
4	KORD R32R						7.08			1700	10000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CHICAGO-O'HARE INTL - ILS RWY 32R.			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/10/1995

REASON FOR REVISION:

LOCATOR DECOMMISSIONED, OM RELOCATED.

FIX USE.

NEW LAT/LON.

*CONCURRENT WITH KORD ILS RWY 32R, AMDT 21.

DEVELOPED BY:

DATE: 01/12/1995

OFFICE: AVN-200

NAME: DALE KARNS

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CHI
ARTCC: ZAU
ATC FACILITY:
OTHER:

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LAIRD

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 415900.68N/0873537.33W

TYPE: WP, INT, DME

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	MRA	MAA
1	CHICAGO	I-IAC	LOC/DME		093.00	090.00	13.09	13.09	2500	5100
2	CHICAGO HEIGHTS	CGT	VORTAC	L	356.00	358.00		28.42	2500	17500
3	CHICAGO O'HARE	ORD	VOR/DME	L	088.92	090.92	13.93	13.93	2500	17500
4	NORTHBROOK	OBK	VOR/DME	H	133.63	131.63		21.43	2500	17500

FIX RESTRICTIONS:

MCA V7 2600 SOUTHBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E	ORD	VOR/DME	088.92	268.92	R	1	4000 10000	5 10
2	E		WP	090.92	270.92	R	5	4000 10000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (17-001415)	415714.00N/0873847.00W	1267	3C
1	310	BLDG (17-000687)	415244.00N/0873809.00W	2325	2D
2	200	BLDG (17-001415)	415714.00N/0873847.00W	1267	3C
2	310	BLDG (17-000687)	415244.00N/0873809.00W	2325	2D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 4R	KORD	CHICAGO	IL (US)
2	RNAV (GPS) RWY 4R	KORD	CHICAGO	IL (US)
2	RNAV (GPS) RWY 22L	KORD	CHICAGO	IL (US)

REMARKS:

CHICAGO HEIGHTS (FAC 2) AND CHICAGO (FAC 1) AND CHICAGO O'HARE (FAC 3) USED TO ESTABLISH FIX COORDINATES
I-IAC ASSOCIATED DME LOCATED 415904.69N/0875310.21W.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V7	2, 3, 4				(US)
IAP	ILS OR LOC RWY 22L	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22L		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4R		2	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED KORD FIX USE: DELETED ILS OR LOC RWY 14L, ILS RWY 14L (CAT II AND III), AND RNAV GPS RWY 14L PROCEDURES.

DEVELOPED BY: DATE: 12/16/2015 OFFICE: AJV-5411 NAME: KELLY DEAN

APPROVED BY: DATE: OFFICE: AJV-5411 NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MUNDY

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 415112.50N/0874453.44W

TYPE: RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	CHICAGO	I-IDN	LOC		139.97	139.97				1700	11000
2	CHICAGO O'HARE	ORD	VOR/DME	L			10.68			1700	17500
3	CHICAGO	ORDA	ASR							1700	10000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IDN 04/17/81.					

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	CHICAGO-O'HARE INTL - ILS RWY 32R			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/10/1995

REASON FOR REVISION:

RECOMPUTED COORDINATES.

*CONCURRENT WITH KORD ILS RWY 32R, AMDT 21.

DEVELOPED BY:

DATE: 02/10/1995

OFFICE: AVN-352

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CHI
ARTCC: ZAU
ATC FACILITY: ORD
OTHER:

QUALITY
16
CHECKED