

RADIO FIX AND HOLDING DATA RECORD

NAME: CHSTR

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 420324.03N/0880028.17W

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	FAC FEET	MRA	MAA
1	CHICAGO	I-ORD	LOC/DME		322.97	319.97	7.50	6.95	42203	2400	5100
2	NORTHBROOK	OBK	VOR/DME	H	196.22	194.22		10.20		2400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO (FAC 1) AND NORTHBROOK (FAC 2) USED TO ESTABLISH FIX COORDINATES
FAC # 1 DME COORDINATES 415737.70N/875402.10W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15	1, 2		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 15			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED KORD FIX USE: CHANGED ILS OR LOC RWY 14R TO ILS OR LOC RWY 15; DELETED ILS RWY 14R (CAT II AND III); CHANGED RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.
UPDATED REMARKS. CORRECTED ADMINISTRATIVE ERROR; FAC 1 DIST FROM FAC FROM 7.50 TO 6.95.

DEVELOPED BY: DATE: 01/07/2016 OFFICE: AJV-5411 NAME: KELLY DEAN

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

SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: FARMM

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 422009.58N/0882133.92W

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	FEET	MRA	MAA
1	NORTHBROOK	OBK	VOR/DME	H	292.87	290.87	19.42	19.42		2700	17500
2	CHICAGO O'HARE	ORD	VOR/DME	L	314.00	316.00	29.12	29.12		2500	17500
3	DUPAGE	DPA	VOR/DME	L	357.12	359.12		26.73		2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO O'HARE (FAC 2) AND NORTHBROOK (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V217-228	1, 2, 3				(US)
EN ROUTE	V24-100-228	1, 2, 3				(US)
EN ROUTE	V24-97	1, 2, 3				(US)
IAP	ILS OR LOC RWY 15	1		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 15			KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 16			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
IAP	RNAV (GPS) RWY 20L			KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20R			KDPA	CHICAGO/WEST CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 20			KDKB	DE KALB	IL (US)
IAP	RNAV (GPS) RWY 27			KDKB	DE KALB	IL (US)
IAP	RNAV (GPS) RWY 7L			KENW	KENOSHA	WI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

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), RNAV (GPS) RWY 14L, AND ILS RWY 14R (CAT II AND III) PROCEDURES; CHANGED ILS OR LOC RWY 14R TO ILS OR LOC RWY 15 AND RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.

DEVELOPED BY:

DATE: 12/16/2015

OFFICE: AJV-5411

NAME: KELLY DEAN

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER: CHI APP CON

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LISKE

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 414505.44N/0875745.54W

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	NORTHBROOK	OBK	VOR/DME	H	183.01	181.01	28.18	28.18	2500	17500
2	CHICAGO HEIGHTS	CGT	VORTAC	L	307.59	309.59	22.79	22.79	2500	17500
3	CHICAGO O'HARE	ORD	VOR/DME	L	188.39	190.39	14.40	14.40	2500	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	S	ORD	VOR/DME	188.38	008.38	R	1		4000	14000	5	11
2	S	OBK	VOR/DME	182.99	002.99	R	1		4000	14000	5	11
3	S		WP	188.38	008.38	R		4	4000	14000	5	11
4	S		WP	181.99	001.99	R		4	2500	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-003567)	414904.71N/0875919.53W	1249	5D
2	200	TOWER (17-003567)	414904.71N/0875919.53W	1249	5D
3	200	TOWER (17-003567)	414904.71N/0875919.53W	1249	5D
4	200	TOWER (17-003567)	414904.71N/0875919.53W	1249	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NORTHBROOK (FAC 1) AND CHICAGO HEIGHTS (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V191	1, 2, 3				(US)
IAP	RNAV (GPS) 31C		4	KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 15	2, 3	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 15 (ALT MISSED)	1, 3	2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 15		3	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED KORD FIX USE: CHANGED ILS OR LOC RWY 14R TO ILS OR LOC RWY 15; DELETED ILS RWY 14R (CAT II AND III); CHANGED RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.
UPDATED REMARKS.

DEVELOPED BY:

DATE: 01/07/2016

OFFICE: AJV-5411

NAME: KELLY DEAN

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MISCH

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 420920.41N/0880711.43W

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	FAC FEET	MRA	MAA
1	CHICAGO	I-ORD	LOC/DME		322.97	319.97	15.27	14.71		2500	5000
2	NORTHBROOK	OBK	VOR/DME	H	244.29	242.29		8.47		2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO (FAC 1) AND NORTHBROOK (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 15	1, 2		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 15			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

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

ADDED MAG/TRUE BRG TO FAC 1.

UPDATED REMARKS. CORRECTED ADMINISTRATIVE ERROR; FAC 1 DIST FROM FAC FROM 15.28 TO 14.71.

DEVELOPED BY:

DATE: 01/07/2016

OFFICE: AJV-5411

NAME: KELLY DEAN

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZAU

ATC FACILITY: CHICAGO APP CON, ORD ATCT

OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: OMTUW

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 421155.71N/0881007.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 15

FAC

PAT

AIRPORT IDENT
KORD

CITY
CHICAGO

STATE
IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATE FIX USE: CHANGED RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.

DEVELOPED BY:

DATE: 01/07/2016

OFFICE: AJV-5411

NAME: KELLY DEAN

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UMUZI

STATE: IL

COUNTRY: US

LATITUDE/LONGITUDE: 421524.12N/0880435.41W

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	NORTHBROOK	OBK	VOR/DME	H	292.88	290.88	5.96	5.96	2700	17500
2	DUPAGE	DPA	VOR/DME	L	027.01	029.01		25.15	2700	17500
3	CHICAGO O'HARE	ORD	VOR/DME	L	332.64	334.64	17.86	17.86	2700	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	HOLDING ALTITUDES MIN DME	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW	ORD	VOR/DME	332.64	152.64	R	1	4000	8000	5	9
2	N		WP	356.22	176.22	R		4000	8000	5	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
2	200	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

NORTHBROOK (FAC 1) AND DUPAGE (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V24	1				(US)
EN ROUTE	V100	1				IL (US)
EN ROUTE	V228	1				IL (US)
IAP	ILS OR LOC RWY 27R (ALT MISS)	1, 2, 3	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT II) (ALT MISS)	1, 2, 3	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT III) (ALT MISS)	1, 2, 3	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (SA CAT I) (ALT MISS)	1, 2, 3	1	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 15			KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 27R		2	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 05/26/2016

REASON FOR REVISION:

UPDATED KORD FIX USE: CHANGED RNAV (GPS) RWY 14R TO RNAV (GPS) RWY 15.

DEVELOPED BY: DATE: 01/07/2016 OFFICE: AJV-5411 NAME: KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:

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

