

RADIO FIX AND HOLDING DATA RECORD

NAME: ALKYL **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 415726.29N/0875136.29W **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	MRA	MAA
								NM FEET		
1	CHICAGO	I-VQX	LOC/DME		093.88	089.88	1.47	3.20	1140	2200
2	NORTHBROOK	OBK	VOR/DME	H	167.49	165.49		16.36	1140	2200

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

REMARKS:

CHICAGO (FAC 1) AND NORTHBROOK (FAC 2) USED TO ESTABLISH FIX COORDINATES.
DME LAT/LONG: 415722.23N/0875334.24W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28L	1, 2		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 28L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

1. CHANGED RNAV (GPS) RWY 28L TO RNAV (GPS) Z RWY 28L AT ORD IN FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 05/18/2016	OFFICE: AJV-5412	NAME: LIAM DONAHUE
APPROVED BY:	DATE: 09/21/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CHICAGO HEIGHTS VORTAC **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 413036.02N/0873417.57W **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	MRA	MAA
							NM	FEET		
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	TEMPLATES
									MIN	MAX
1	SE	CGT	VORTAC	156.00	336.00	R	1		2300	6000
2	SW	CGT	VORTAC	223.93	043.93	R	1		2300	6000
3	SW	CGT	VORTAC	226.27	046.27	R	1		2300	6000
4	SW	CGT	VORTAC	229.20	049.20	R	1		2300	6000
5	NW	CGT	VORTAC	332.74	152.74	R	1		2300	6000
6	SE		WP	156.00	336.00	R		4	4000	6000

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
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 (17-002719)	413715.00N/0874055.00W	1049	5D
6	200	TOWER (18-000501)	412552.00N/0872937.00W	1103	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
FACILITY MAG VAR 2E/1965.
PAT 3 ATC USE ONLY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	ILS M RWY 31R		2	MDW	CHICAGO	IL (US)
DP	CICERO			MDW	CHICAGO	IL (US)
DP	MIDWAY			MDW	CHICAGO	IL (US)
EN ROUTE	V51					(US)
EN ROUTE	V7					(US)
EN ROUTE	V8					(US)
IAP	LOC RWY 36		5	IGQ	CHICAGO	IL (US)
IAP	VOR-A		4	IGQ	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 13C			MDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 31R		2	MDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R		2	MDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10C		1	ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 10L		1	ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22L		1	ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 27L			ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28L		1	ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R		1	ORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 9R			ORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C		1	ORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (CAT II, III)		1	ORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (CLOSE PARALLEL)		1	ORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (SA CAT I)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (CAT II, III)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (SA CAT I)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (CAT II, III)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (SA CAT I)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (CAT II, III)			ORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (SA CAT I)			ORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (CAT II, III)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (SA CAT I)		1	ORD	CHICAGO	IL (US)
IAP	ILS RWY 9R (CAT II)			ORD	CHICAGO	IL (US)
IAP	ILS RWY 9R (CAT III)			ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) PRM RWY 10C		6	ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) PRM RWY 10C (CLOSE PARALLEL)		1	ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) PRM Y RWY 28L			ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10C		6	ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 10L		6	ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22L		6	ORD	CHICAGO	IL (US)

IAP	RNAV (GPS) Z RWY 28L	6	ORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22R		MDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Y RWY 28L	6	ORD	CHICAGO	IL (US)
IAP	LOC/DME RWY 09		LOT	CHICAGO/ROMEDEVILLE	IL (US)
IAP	RNAV (GPS) RWY 27		LOT	CHICAGO/ROMEDEVILLE	IL (US)
IAP	RNAV (GPS) RWY 27		C56	MONEE	IL (US)
IAP	RNAV (GPS) RWY 9		C56	MONEE	IL (US)
IAP	COPTER ILS OR LOC RWY 30	1	GYG	GARY/CHICAGO	IN (US)
IAP	ILS OR LOC RWY 30	1	GYG	GARY/CHICAGO	IN (US)
IAP	RNAV (GPS) Y RWY 30		GYG	GARY/CHICAGO	IN (US)
IAP	RNAV (GPS) RWY 26		05C	GRIFFITH	IN (US)
IAP	ILS OR LOC RWY 27		VPZ	VALPARAISO	IN (US)
IAP	RNAV (GPS) RWY 27		VPZ	VALPARAISO	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 39

DATE OF REVISION: 05/14/2026

REASON FOR REVISION:

1. FIX USE: REMOVED MDW IAP RNAV (GPS) RWY 4L, ADDED PAT 6 TO RNAV (GPS) Y RWY 28L AT KORD, AND REMOVED IAP VOR RWY 8 AT 05C AND PAT 4 WITH ASSOCIATED CONTROLLING OBSTACLE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** JANTZEN TAYLOR

APPROVED BY: **DATE:** 04/09/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HANSO STATE: IL COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415725.94N/0873043.51W TYPE: WP, RADAR, 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	MRA	MAA
								NM FEET		
1	CHICAGO	I-VQX	LOC/DME		093.88	089.88	17.05	18.78	6000	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-VQX	LOC/DME	R-094	19	6000	7000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME LAT/LONG: 415722.23N/0875334.24W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28L	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) Z RWY 28L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 11/10/2016

REASON FOR REVISION:

1. CHANGED RNAV (GPS) RWY 28L TO RNAV (GPS) Z RWY 28L AT ORD IN FIX USE.

INITIATED BY: DATE: ORGANIZATION: NAME:
DEVELOPED BY: DATE: 05/18/2016 OFFICE: AJV-5412 NAME: LIAM DONAHUE
APPROVED BY: DATE: 09/21/2016 OFFICE: AJV-5420 NAME: TONY LAWSON

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: JAVON **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 415725.41N/0872631.03W **TYPE:** WP, RADAR, 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	MRA	MAA
								NM FEET		
1	CHICAGO	I-VQX	LOC/DME		093.88	089.88	20.18	21.92	7000	8000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-VQX	LOC/DME	R-094	22	7000	8000

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

REMARKS:

DME LAT/LONG: 415722.23N/0875334.24W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28L	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) Z RWY 28L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

1. CHANGED RNAV (GPS) RWY 28L TO RNAV (GPS) Z RWY 28L AT ORD IN FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
DEVELOPED BY: **DATE:** 05/18/2016 **OFFICE:** AJV-5412 **NAME:** LIAM DONAHUE
APPROVED BY: **DATE:** 09/21/2016 **OFFICE:** AJV-5420 **NAME:** TONY LAWSON

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: LYSIN **STATE:** IL **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 415723.88N/0871806.13W **TYPE:** WP, RADAR, 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	MRA	MAA
								NM FEET		
1	CHICAGO	I-VQX	LOC/DME		093.88	089.88	26.46	28.20	9000	10000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-VQX	LOC/DME	R-094	29	9000	10000

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

REMARKS:

DME LAT/LONG: 415722.23N/0875334.24W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 28L	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) Z RWY 28L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/10/2016

REASON FOR REVISION:

1. CHANGED RNAV (GPS) RWY 28L TO RNAV (GPS) Z RWY 28L AT ORD IN FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
DEVELOPED BY: **DATE:** 05/18/2016 **OFFICE:** AJV-5412 **NAME:** LIAM DONAHUE
APPROVED BY: **DATE:** 09/21/2016 **OFFICE:** AJV-5420 **NAME:** TONY LAWSON

SIGNATURE:

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

