

# RADIO FIX AND HOLDING DATA RECORD

NAME: FUGIO

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420915.84N/0875524.54W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHICAGO/PROSPECT HGTS/WHEELING	I-PWK	LOC/DME	T	340.61	338.61	2.90	2.87		1220	5100

## REMARKS:

I-PWK DME COORDINATES: 420635.33N/0875354.28W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16	1		KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
IAP	RNAV (GPS) RWY 16			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/17/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ANDRE TUCKER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** NORTHBROOK VOR/DME      **STATE:** IL      **COUNTRY:** US      **ICAO REGION CODE:** K5  
**LATITUDE/LONGITUDE:** 421316.96N/0875706.01W      **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	MRA	MAA
1	NORTHBROOK	OBK	VOR/DME	H						45000

**FIX RESTRICTIONS:**

SPECIAL VOR-A (SPECIAL), K82IS, HUNTLEY, IL

**HOLDING:**

**HOLDING TYPE OF ACTION:** MODIFY

**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	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	4	12
3	W	WP	WP	272.00	092.00	R		9	4000	13000	13	19

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
1	310	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
2	200	AAO	421609.00N/0880251.00W	1073	4E
2	310	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D
3	310	TOWER (17-000994)	421412.00N/0880416.00W	1360	4D

**REASON FOR NONSTANDARD HOLDING:**

PAT 2 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 9L	KORD	CHICAGO	IL (US)
1	ILS OR LOC RWY 27R	KORD	CHICAGO	IL (US)
1	ILS RWY 27R (CAT II-III)	KORD	CHICAGO	IL (US)
1	ILS RWY 9L (CAT II-III)	KORD	CHICAGO	IL (US)
1	ILS RWY 27R (SA CAT I)	KORD	CHICAGO	IL (US)
1	ILS RWY 9L (SA CAT I)	KORD	CHICAGO	IL (US)
2	ILS OR LOC RWY 16	KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
3	RNAV (GPS) RWY 4L	KORD	CHICAGO	IL (US)
3	RNAV (GPS) RWY 9L	KORD	CHICAGO	IL (US)
3	RNAV (GPS) RWY 27R	KORD	CHICAGO	IL (US)

**REMARKS:**

HOLDING PATTERNS CIVIL AND MILITARY USE.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAG VAR: 2W 2000.

**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	ILS OR LOC RWY 10C			KORD	CHICAGO	IL (US)



IAP	ILS OR LOC RWY 10L		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22L		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	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28C		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28L		KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 28R		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 PRM RWY 10C		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10C (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 10R		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 28C		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 28C (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS PRM RWY 28C (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 10C (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 10L (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 22L (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 22L (SA CAT II)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27L (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (CAT II-III)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 27R (SA CAT I)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 28C (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 28C (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 28L (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 28R (CAT II-III)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 28R (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	ILS RWY 9L (CAT II-III)	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 9L (SA CAT I)	1	KORD	CHICAGO	IL (US)
IAP	ILS Y OR LOC Y RWY 10R		KORD	CHICAGO	IL (US)
IAP	ILS Z OR LOC Z RWY 10R		KORD	CHICAGO	IL (US)
IAP	ILS Z RWY 10R (CAT II & III)		KORD	CHICAGO	IL (US)
IAP	ILS Z RWY 10R (SA CAT I)		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 27R	3	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L	3	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 9L	3	KORD	CHICAGO	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 OR LOC 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 (SPECIAL)		K82IS	HUNTLEY	IL (US)
IAP	RNAV (GPS) RWY 7L		KENW	KENOSHA	WI (US)
IAP	RNAV (GPS) RWY 23		KC02	LAKE GENEVA	WI (US)
IAP	ILS OR LOC RWY 4		KRAC	RACINE	WI (US)
IAP	RNAV (GPS) RWY 32		KRAC	RACINE	WI (US)
STAR	JANESVILLE		KORD	CHICAGO	IL (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:** DP, STAR, IAP, AREA, EN ROUTE LOW, EN ROUTE HIGH, SPECIAL IAP, CONTROLLER LOW, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 31

**DATE OF REVISION:** 06/17/2021

**REASON FOR REVISION:**

ADDED PAT 2 CLIMB-IN-HOLD FOR KPWK ILS OR LOC RWY 16.

CHANGED PAT 2 MIN/MAX TEMPLATES FROM 6/7 TO 4/5.

CHANGED PAT 2 CONT OBST AIRSPEED FROM 230 TO 200 AND CONT OBST FROM 1186 TOWER TO 1073 AAO.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** ANDRE TUCKER

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:**

NFDC

FPO: FTW

ARTCC: ZAU

ATC FACILITY: CHICAGO APP CON, ORD TOWER

OTHER:

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: PAMME

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421205.72N/0875654.10W

TYPE: WP, RADAR, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CHICAGO/PROSPECT HGT/WHEELING	I-PWK	LOC/DME	T	340.61	338.61	5.94	5.91	35933	2300	5100

## REMARKS:

I-PWK DME COORDINATES: 420635.33N/0875354.28W

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 16	1		KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)
IAP	RNAV (GPS) RWY 16			KPWK	CHICAGO/PROSPECT HEIGHTS/WHEELING	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/17/2021

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ANDRE TUCKER

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

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