

RADIO FIX AND HOLDING DATA RECORD

NAME: GLEAM

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413935.61N/0873435.83W

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 FEET	MRA	MAA
1	CHICAGO MIDWAY	I-MXT	LOC/DME		137.56	133.56	11.45	11.49	4000	5100
2	CHICAGO HEIGHTS	CGT	VORTAC	L	356.55	358.55		8.99	4000	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO MIDWAY (FAC 1) AND CHICAGO HEIGHTS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-MXT DME COORDINATES: 414732.95N/0874536.16W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 31R	1, 2		KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 31R			KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 31R			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED FIX USE FOR IAP ILS OR LOC RWY 31C, IAP RNAV (GPS) Z RWY 31C, IAP RNAV (RNP) Y RWY 31C, SPECIAL IAP ILS Z RWY 31C.
ADDED FIX USE FOR IAP ILS OR LOC RWY 31R, IAP RNAV (GPS) Z RWY 31R, IAP RNAV (RNP) Y RWY 31R.
REMOVED SPECIAL IAP FROM REQUIRED CHARTING.
UPDATED FIX MAKE-UP FACILITIES FROM 137.57MAG/133.57TRUE TO 137.56MAG/133.56TRUE FOR I-MXT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HILLS

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 413725.40N/0873134.18W

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 FEET	MRA	MAA
1	CHICAGO MIDWAY	I-MXT	LOC/DME		137.56	133.56	14.59	14.63	5000	5100
2	CHICAGO HEIGHTS	CGT	VORTAC	L	014.67	016.67		7.12	2200	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

CHICAGO MIDWAY (FAC 1) AND CHICAGO HEIGHTS (FAC 2) USED TO ESTABLISH FIX COORDINATES.
I-MXT DME COORDINATES: 414732.95N/0874536.16W.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 31R	1, 2		KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 31R			KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 31R			KMDW	CHICAGO	IL (US)
STAR	FISSK (RNAV)			KMDW	CHICAGO	IL (US)
STAR	PANGG (RNAV)			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED FIX USE FOR IAP ILS OR LOC RWY 31C, IAP RNAV (GPS) Z RWY 31C, IAP RNAV (RNP) Y RWY 31C, SPECIAL IAP ILS Z RWY 31C.
ADDED FIX USE FOR IAP ILS OR LOC RWY 31R, IAP RNAV (GPS) Z RWY 31R, IAP RNAV (RNP) Y RWY 31R.
REMOVED SPECIAL IAP FROM REQUIRED CHARTING.
UPDATED FIX MAKE-UP FACILITIES FROM 137.57MAG/133.57TRUE TO 137.56MAG/133.56TRUE FOR I-MXT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOBEL

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414434.81N/0874134.43W

TYPE: WP, 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 FEET	MRA	MAA
1	CHICAGO MIDWAY	I-MXT	LOC/DME		137.56	133.56	4.23	4.27 25934	1700	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

8260.54A FORMULA 2-16B USED TO ESTABLISH PFAF LOCATION.
I-MXT DME COORDINATES: 414732.95N/0874536.16W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 31R	1		KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 31R			KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 31R			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED FIX USE FOR IAP ILS OR LOC RWY 31C, IAP RNAV (GPS) Z RWY 31C, IAP RNAV (RNP) Y RWY 31C, SPECIAL IAP ILS Z RWY 31C.
ADDED FIX USE FOR IAP ILS OR LOC RWY 31R, IAP RNAV (GPS) Z RWY 31R, IAP RNAV (RNP) Y RWY 31R.
REMOVED SPECIAL IAP FROM REQUIRED CHARTING.
UPDATED FIX MAKE-UP FACILITIES FROM 137.57MAG/133.57TRUE TO 137.56MAG/133.56TRUE FOR I-MXT.

INITIATED BY:

DATE:

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NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: TROY PURNELL

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: PEOTONE VORTAC STATE: IL COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 411610.68N/0874727.79W 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	PEOTONE	EON	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N	EON	VORTAC	001.00	181.00	R	1		2600	6000	4	5
2	N		WP	001.00	181.00	R		4	2600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-001091)	411804.00N/0874935.00W	1236	5D
2	200	TOWER (17-001091)	411804.00N/0874935.00W	1236	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.
 FACILITY MAG VAR: 2E/YR 1965.
 PAT 2 USED BY KMDW (4W/2015) AND KC56 (3W/2010). TRUE INBOUND COURSES ARE 1 DEGREE DIFFERENT BUT CONTROLLING OBSTACLE AND HOLDING ALTITUDES ARE THE SAME.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CICERO			KMDW	CHICAGO	IL (US)
DP	MIDWAY			KMDW	CHICAGO	IL (US)
DP	O'HARE			KORD	CHICAGO	IL (US)
DP	PAL-WAUKEE			KPWK	CHICAGO/PROSPECT HGTS/WHEELING	IL (US)
EN ROUTE	V156					(US)
EN ROUTE	V171					(US)
EN ROUTE	V173					(US)
EN ROUTE	V24					(US)
EN ROUTE	V38					(US)
EN ROUTE	V399					(US)
IAP	LOC RWY 36			KIGQ	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 36			KIGQ	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 9			KIGQ	CHICAGO	IL (US)
IAP	VOR-A			KIGQ	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 13L		1	KMDW	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R		1	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22R		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4L			KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 13L		1	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 22L		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 4R		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) X RWY 22L		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 13L		1	KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 22L		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 4R		2	KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 2			KLOT	CHICAGO/ROMEOVILLE	IL (US)
IAP	RNAV (GPS) RWY 16			KIKK	KANKAKEE	IL (US)
IAP	RNAV (GPS) RWY 22			KIKK	KANKAKEE	IL (US)
IAP	RNAV (GPS) RWY 34			KIKK	KANKAKEE	IL (US)
IAP	RNAV (GPS) RWY 27		2	C56	MONEE	IL (US)
IAP	RNAV (GPS) RWY 9		2	C56	MONEE	IL (US)
IAP	VOR-A			C09	MORRIS	IL (US)
IAP	COPTER ILS OR LOC RWY 30		1	KGYG	GARY/CHICAGO	IN (US)
IAP	ILS OR LOC RWY 30		1	KGYG	GARY/CHICAGO	IN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 28

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED: RNAV (RNP) Y RWY 13C KMDW, ILS OR LOC RWY 13C KMDW, RNAV (GPS) Z RWY 13C KMDW FROM FIX USE.
 ADDED: ILS OR LOC RWY 13L KMDW, RNAV (RNP) RWY 13L KMDW, RNAV (GPS) Z RWY 13L KMDW TO FIX USE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: GIORGIA FERREIRA**APPROVED BY:****DATE:** 05/08/2025**OFFICE:** AJV-A33**NAME:** JOHN BORDY**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: RUNTS

STATE: IL

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414250.79N/0873908.71W

TYPE: WP, 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	FEET	MRA	MAA
1	CHICAGO MIDWAY	I-MXT	LOC/DME		137.56	133.56	6.74	6.78		2500	5100

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

I-MXT DME COORDINATES: 414732.95N/0874536.16W
LOCATION IAW 8260.54A FORMULA 2-16B.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 31R	1		KMDW	CHICAGO	IL (US)
IAP	RNAV (GPS) Z RWY 31R			KMDW	CHICAGO	IL (US)
IAP	RNAV (RNP) Y RWY 31R			KMDW	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

REMOVED FIX USE FOR IAP ILS OR LOC RWY 31C, IAP RNAV (GPS) Z RWY 31C, IAP RNAV (RNP) Y RWY 31C, SPECIAL IAP ILS Z RWY 31C.
ADDED FIX USE FOR IAP ILS OR LOC RWY 31R, IAP RNAV (GPS) Z RWY 31R, IAP RNAV (RNP) Y RWY 31R.
REMOVED SPECIAL IAP FROM REQUIRED CHARTING.
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