

RADIO FIX AND HOLDING DATA RECORD

NAME: ANNTS

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414100.83N/0834726.16W

TYPE: WP, 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	DETROIT	DXO	VOR/DME	H	217.00	211.00	37.00	37.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DETROIT (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	1		KARB	ANN ARBOR	MI (US)
DP	METRO	1		KDET	DETROIT	MI (US)
DP	METRO	1		KDTW	DETROIT	MI (US)
DP	METRO	1		KYIP	DETROIT	MI (US)
DP	METRO	1		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

REMOVED FIX USE CYQG METRO SID.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

BEV L BORDY

May 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: DUNKS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422538.68N/0841139.28W

TYPE: 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	SALEM	SVM	VORTAC	L	275.62	272.62	26.70	26.70		3000	17500
2	DETROIT	DXO	VOR/DME	H	295.51	289.51	39.01	39.01		3000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SALEM (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	2		KARB	ANN ARBOR	MI (US)
DP	METRO	2		KDET	DETROIT	MI (US)
DP	METRO	2		KDTW	DETROIT	MI (US)
DP	METRO	2		KYIP	DETROIT	MI (US)
DP	METRO	2		KPTK	PONTIAC	MI (US)
EN ROUTE	J70	1				(US)
EN ROUTE	V170	1				(US)

REQUIRED CHARTING: DP, AREA, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

REMOVED FIX USE CYQG METRO SID.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

BEV L BORDY

May 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: HARWL

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421550.23N/0841138.70W

TYPE: WP, 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	DETROIT	DXO	VOR/DME	H	281.00	275.00	37.00	37.00		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	1		KARB	ANN ARBOR	MI (US)
DP	METRO	1		KDET	DETROIT	MI (US)
DP	METRO	1		KDTW	DETROIT	MI (US)
DP	METRO	1		KYIP	DETROIT	MI (US)
DP	METRO	1		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

REMOVED FIX USE CYQG METRO SID.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

BEV L BORDY

May 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: ILLIE STATE: OH COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411454.71N/0840757.34W 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	MRA	MAA
1	DETROIT	DXO	VOR/DME	H	217.00	211.00	67.31	67.31	16000	23000
2	FLAG CITY	FBC	VORTAC	L	317.95	315.95		24.51	5000	17500
3	FORT WAYNE	FWA	VORTAC	VH	077.00	071.00	50.52	50.52	5000	23000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FWA	VORTAC	R-077	51	5000	15300

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS: DETROIT (FAC 1) AND FLAG CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	1		KARB	ANN ARBOR	MI (US)
DP	METRO	1		KDET	DETROIT	MI (US)
DP	METRO	1		KDTW	DETROIT	MI (US)
DP	METRO	1		KYIP	DETROIT	MI (US)
DP	METRO	1		KPTK	PONTIAC	MI (US)
IAP	RNAV (GPS) RWY 18			KFDY	FINDLAY	OH (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:
 1. REMOVED FIX USE CYQG FIX USE METRO SID.
 2. FIX MAKEUP FORT WAYNE VORTAC FACILITY CLASS CHANGED FROM H TO VH.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: CHARLES HIRST
 APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A431 NAME: ERIC N SUSKI

SIGNATURE: Digitally signed by
BEV L BORDY
 May 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: MAARS

STATE:

COUNTRY: CA

ICAO REGION CODE: CY

LATITUDE/LONGITUDE: 420518.00N/0822910.46W

TYPE: WP, 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	DETROIT	DXO	VOR/DME	H	106.49	100.49	40.00	40.00	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	1		KARB	ANN ARBOR	MI (US)
DP	METRO	1		KDET	DETROIT	MI (US)
DP	METRO	1		KDTW	DETROIT	MI (US)
DP	METRO	1		KYIP	DETROIT	MI (US)
DP	METRO	1		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/05/2024

REASON FOR REVISION:

REMOVED FIX USE CYQG METRO SID.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 09/05/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

Digitally signed by

BEV L BORDY

May 09, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: PISTN STATE: MI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 425332.51N/0830811.26W TYPE: 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	DETROIT	DXO	VOR/DME	H	019.99	013.99	42.00	42.00		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DXO	VOR/DME	R-020	42	3000	15200

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:
ENROUTE CHARTING ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	METRO	1		KARB	ANN ARBOR	MI (US)
DP	METRO	1		KDET	DETROIT	MI (US)
DP	METRO	1		KDTW	DETROIT	MI (US)
DP	METRO	1		KYIP	DETROIT	MI (US)
DP	METRO	1		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: DP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 09/05/2024

REASON FOR REVISION:
REMOVED FIX USE CYQG METRO SID.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: CHARLES HIRST
APPROVED BY: DATE: 09/05/2024 OFFICE: AJV-A431 NAME: ERIC N SUSKI

SIGNATURE: Digitally signed by
BEV L BORDY
May 09, 2024

