

# RADIO FIX AND HOLDING DATA RECORD

NAME: AVERL

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421955.54N/0833805.48W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP  
DP  
DP  
DP

BARII (RNAV)  
CCOBB (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

KDTW  
KDTW  
KDTW  
KDTW

DETROIT  
DETROIT  
DETROIT  
DETROIT

MI (US)  
MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 11/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: AYRTN

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 402704.65N/0842306.73W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX USE: USE TYPE

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BARII (RNAV)			CYQG	ONTARIO, CANADA	(CA)
DP	BARII (RNAV)			KARB	ANN ARBOR	MI (US)
DP	BARII (RNAV)			KDET	DETROIT	MI (US)
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	BARII (RNAV)			KYIP	DETROIT	MI (US)
DP	BARII (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
DP	BARII (RNAV)			KOZW	HOWELL	MI (US)
DP	BARII (RNAV)			KTTF	MONROE	MI (US)
DP	BARII (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
DP	BARII (RNAV)			KPTK	PONTIAC	MI (US)
DP	BARII (RNAV)			KVLL	TROY	MI (US)
DP	ZAAPA (RNAV)			KBKL	CLEVELAND	OH (US)
DP	ZAAPA (RNAV)			KCGF	CLEVELAND	OH (US)
DP	ZAAPA (RNAV)			KCLE	CLEVELAND	OH (US)
DP	ZAAPA (RNAV)			KLPR	LORAIN/ELYRIA	OH (US)
DP	ZAAPA (RNAV)			KLNN	WILLOUGHBY	OH (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 11/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZID  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BARII

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405322.50N/0840719.69W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:  
USE TYPE**

**USE TITLE**

**FAC PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

DP	BARII (RNAV)			CYQG	ONTARIO, CANADA	(CA)
DP	BARII (RNAV)			KARB	ANN ARBOR	MI (US)
DP	BARII (RNAV)			KDET	DETROIT	MI (US)
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	BARII (RNAV)			KYIP	DETROIT	MI (US)
DP	BARII (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
DP	BARII (RNAV)			KOZW	HOWELL	MI (US)
DP	BARII (RNAV)			KTTF	MONROE	MI (US)
DP	BARII (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
DP	BARII (RNAV)			KPTK	PONTIAC	MI (US)
DP	BARII (RNAV)			KVLL	TROY	MI (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 11/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER: ZID

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BESST

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421634.34N/0831406.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP BARII (RNAV)  
DP CLVIN (RNAV)  
DP LIDDS (RNAV)  
DP SNDRS (RNAV)

KDTW DETROIT  
KDTW DETROIT  
KDTW DETROIT  
KDTW DETROIT

MI (US)  
MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 11/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BOOSE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421008.18N/0832345.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 11/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EEERI

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421022.39N/0832419.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/01/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FDROV

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415731.95N/0832645.35W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

USE TYPE

DP  
DP

USE TITLE

BARII (RNAV)  
CLVIN (RNAV)

FAC

PAT

AIRPORT IDENT

KDTW  
KDTW

CITY

DETROIT  
DETROIT

STATE

MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/01/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FERRM

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 422158.09N/0832945.62W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE

USE TYPE	USE TITLE
DP	BARII (RNAV)
DP	CCOBB (RNAV)
DP	CLVIN (RNAV)
DP	SNDRS (RNAV)

FAC	PAT	AIRPORT IDENT	CITY
		KDTW	DETROIT
		KDTW	DETROIT
		KDTW	DETROIT
		KDTW	DETROIT

STATE
MI (US)
MI (US)
MI (US)
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:      DATE: 12/01/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:      DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:      NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: HUUTZ

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414218.64N/0833523.75W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:  
USE TYPE**

**USE TITLE**

**FAC PAT**

**AIRPORT IDENT**

**CITY**

**STATE**

DP	BARII (RNAV)			CYQG	ONTARIO, CANADA	(CA)
DP	BARII (RNAV)			KARB	ANN ARBOR	MI (US)
DP	BARII (RNAV)			KDET	DETROIT	MI (US)
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	BARII (RNAV)			KYIP	DETROIT	MI (US)
DP	BARII (RNAV)			KONZ	DETROIT/GROSSE ILE	MI (US)
DP	BARII (RNAV)			KOZW	HOWELL	MI (US)
DP	BARII (RNAV)			KTTF	MONROE	MI (US)
DP	BARII (RNAV)			KMTC	MOUNT CLEMENS	MI (US)
DP	BARII (RNAV)			KPTK	PONTIAC	MI (US)
DP	BARII (RNAV)			KVLL	TROY	MI (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/01/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LAZYI

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421325.22N/0830532.82W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
LIDDS (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/04/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NITRN

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421901.35N/0832331.69W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CCOBB (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY: DATE: 12/05/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: OGEEZ

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421131.27N/0834009.80W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE

DP  
DP

USE TITLE  
BARII (RNAV)  
CLVIN (RNAV)

FAC PAT

AIRPORT IDENT  
KDTW  
KDTW

CITY  
DETROIT  
DETROIT

STATE  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/05/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: RATIO

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420025.84N/0833422.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/05/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SERGY

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420429.17N/0832427.29W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/06/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WERKN

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415920.13N/0831254.75W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

**FIX USE:**

**USE TYPE**

DP  
DP  
DP

**USE TITLE**

BARII (RNAV)  
CLVIN (RNAV)  
SNDRS (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KDTW  
KDTW  
KDTW

**CITY**

DETROIT  
DETROIT  
DETROIT

**STATE**

MI (US)  
MI (US)  
MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:

DATE: 12/06/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY:  
OTHER:

QUALITY  
3  
CHECKED