

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARI (RNAV)			KDTW	DETROIT	MI (US)
DP	CCOBB (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
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:

RADIO FIX AND HOLDING DATA RECORD

NAME: BESST

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 421656.69N/0831321.04W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP
DP
DP
DP
DP

USE TITLE
BARII (RNAV)
CLVIN (RNAV)
KZLOV (RNAV)
LIDDS (RNAV)
SNDRS (RNAV)

FAC

PAT

AIRPORT IDENT

CITY

STATE

KDTW	DETROIT
KDTW	DETROIT
KDTW	DETROIT
KDTW	DETROIT
KDTW	DETROIT

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

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/14/2022

REASON FOR REVISION:

ADDED KZLOV (RNAV) DP TO FIX USE.

1/03/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/13/2021.

1. DATE OF REVISION AND APPROVED BY DATE CHANGED FROM 03/24/2022 TO 07/14/2022. - KZLOV ONE (RNAV) SID PROJECT SLIPPED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: STEVEN WINNER

APPROVED BY:

DATE: 07/14/2022

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BOOSE **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 421002.00N/0832349.56W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/15/2019

REASON FOR REVISION:
FIX MOVED 0.2 NM SOUTH TO CORRECT A TARGETS AUTOMATION OEA CONSTRUCTION ISSUE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: MICHAEL CURRAN
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV-A430	NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARI (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
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:

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CCOBB (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
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:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOPPZ **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 415921.28N/0832928.92W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
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:

RADIO FIX AND HOLDING DATA RECORD

NAME: NITRN **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 421943.95N/0832352.28W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY
HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CCOBB (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP
COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/15/2019

REASON FOR REVISION:
 FIX MOVED 0.80 NM NORTH TO REDUCE DRIFT ON INITIAL CLIMBOUT.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: MICHAEL CURRAN
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV-A430	NAME: LONNIE EVERHART
	SIGNATURE:		

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OGEEZ **STATE:** MI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 420423.55N/0834240.04W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 08/15/2019

REASON FOR REVISION:
MOVED FIX 7.37 NM SOUTH TO DECONFLICT SID FROM OTHER PROCEDURES.
FIX USE: ADDED SNDRS RNAV SID.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A431	NAME: MICHAEL CURRAN
APPROVED BY:	DATE: 06/28/2019	OFFICE: AJV-A430	NAME: LONNIE EVERHART
	SIGNATURE:		

DISTRIBUTION:

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

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

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

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:

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

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

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:

RADIO FIX AND HOLDING DATA RECORD

NAME: SWNDL **STATE:** **COUNTRY:** CA **ICAO REGION CODE:** CY

LATITUDE/LONGITUDE: 421255.80N/0830422.44W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	KZLOV (RNAV)			KDTW	DETROIT	MI (US)
DP	LIDDS (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 07/14/2022

REASON FOR REVISION:
 ADDED KZLOV (RNAV) DP TO FIX USE.
 REMOVED NAME CHANGE REMARK.

1/03/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/13/2021.
 1. DATE OF REVISION AND APPROVED BY DATE CHANGED FROM 03/24/2022 TO 07/14/2022. - KZLOV ONE (RNAV) SID PROJECT SLIPPED.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 **NAME:** STEVEN WINNER
APPROVED BY: **DATE:** 07/14/2022 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON
SIGNATURE:

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

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	BARII (RNAV)			KDTW	DETROIT	MI (US)
DP	CLVIN (RNAV)			KDTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			KDTW	DETROIT	MI (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/19/2018

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

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: