

RADIO FIX AND HOLDING DATA RECORD

NAME: BGLRI

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 401411.54N/0861039.25W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: ZID APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HAZIT

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415233.34N/0844318.02W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HEVYD

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411751.00N/0850421.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: ZOB APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOSSA

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420025.32N/0850412.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	HAYLL (RNAV)			DTW	DETROIT	MI (US)
STAR	VCTRZ (RNAV)			DTW	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE. ADDED CONTROLLER LOW AND ENROUTE LOW TO CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: ZOB APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: PETTE

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420444.29N/0842039.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SW		WP	241.08	061.08	L	10	5000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001872)	420150.00N/0842631.00W	1567	2C

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 1 - LEG LENGTH 10NM REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)		1	UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)		1	ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)		1	DET	DETROIT	MI (US)
STAR	PETTE (RNAV)		1	YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)		1	ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)		1	OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)		1	TTF	MONROE	MI (US)
STAR	PETTE (RNAV)		1	MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)		1	PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)		1	VLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE.
UPDATE CIRCLING FROM 089.13 CRS RIGHT TURNS TO 061.08 CRS LEFT TURNS.
LOWERED MIN ALTITUDE FROM 10000 TO 5000 AND AIRSPEED FROM 230 TO 200 KIAS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON, ZAU ARTCC
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: QBURT

STATE: IN

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 405322.35N/0853009.24W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE.

ADDED CONTROLLER LOW AND LOW ENROUTE TO CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SYREN

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420931.30N/0840659.44W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM FIX USE.

FIX COORDINATES UPDATED, FIX MOVED 8.97 NM SOUTHWEST. FIX NAME RETAINED FOR ATC OPERATIONAL REQUIREMENT.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: DTW APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: TORRR

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 404429.77N/0842458.89W

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	MRA	MAA
1	DAYTON	DQN	VOR/DME	VL	359.83	358.83	43.49	43.49	10000	23000
2	FORT WAYNE	FWA	VORTAC	VH	117.81	111.81	37.91	37.91	6000	45000
3	FORT WAYNE	FWA	VORTAC	VH	117.81	111.81	37.91	37.91	6000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DQN	VOR/DME	R-360	44	10000	23000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FORT WAYNE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SNDRS (RNAV)			ARB	ANN ARBOR	MI (US)
DP	SNDRS (RNAV)			DET	DETROIT	MI (US)
DP	SNDRS (RNAV)			DTW	DETROIT	MI (US)
DP	SNDRS (RNAV)			YIP	DETROIT	MI (US)
DP	SNDRS (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
DP	SNDRS (RNAV)			OZW	HOWELL	MI (US)
DP	SNDRS (RNAV)			TTF	MONROE	MI (US)
DP	SNDRS (RNAV)			MTC	MOUNT CLEMENS	MI (US)
DP	SNDRS (RNAV)			PTK	PONTIAC	MI (US)
DP	SNDRS (RNAV)			VLL	TROY	MI (US)
EN ROUTE	J178	1, 2				(US)
EN ROUTE	V144	1, 2				(US)
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	HANBL (RNAV)			DTW	DETROIT	MI (US)
STAR	LECTR (RNAV)			DTW	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 2 CHANGED CLASS FROM H TO VH.
2. FIX USE: REMOVED DP SNDRS AT CYQG
3. FIX USE: ADDED FAC 1 TO EN ROUTE J178 AND V144
3. REMARKS: REMOVED UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 10000

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/13/2023

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WWODD

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 395204.05N/0862111.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	PETTE (RNAV)			UQG/CYQG	ONTARIO, CANADA	(CA)
STAR	PETTE (RNAV)			ARB	ANN ARBOR	MI (US)
STAR	PETTE (RNAV)			DET	DETROIT	MI (US)
STAR	HANBL (RNAV)			DTW	DETROIT	MI (US)
STAR	LECTR (RNAV)			DTW	DETROIT	MI (US)
STAR	PETTE (RNAV)			YIP	DETROIT	MI (US)
STAR	PETTE (RNAV)			ONZ	DETROIT/GROSSE ILE	MI (US)
STAR	PETTE (RNAV)			OZW	HOWELL	MI (US)
STAR	PETTE (RNAV)			TTF	MONROE	MI (US)
STAR	PETTE (RNAV)			MTC	MOUNT CLEMENS	MI (US)
STAR	PETTE (RNAV)			PTK	PONTIAC	MI (US)
STAR	PETTE (RNAV)			VLL	TROY	MI (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/10/2019

REASON FOR REVISION:

DELETED KFNT FROM PETTE TWO STAR.
CHARTED ENROUTE AND CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE: 07/17/2019

OFFICE: AJV-A440

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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