

RADIO FIX AND HOLDING DATA RECORD

NAME: CFBPC

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 470559.39N/0922110.81W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NAME CHANGED FROM AYIHE TO CFBPC.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
V505

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

NAME: CHANGED FROM AYIHE TO CFBPC.

REMARKS: ADDED NOTE NAME CHANGED FROM AYIHE TO CFBPC.

REMARK: REMOVED NOTE FAA#17575 AND COMPUTER NAVIGATION FIX

FIX USE: REFORMATTED V505.

CHARTING: ADDED CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFCJN

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 483613.96N/0932516.09W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

NAME CHANGED FROM HLDOL TO CFCJN.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
J538

FAC

PAT

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

NAME: CHANGED FROM HLDOL TO CFCJN.

REMARKS: ADDED NOTE NAME CHANGED FROM HLDOL TO CFCJN.

REMARKS: REMOVED NOTE COMPUTER NAVIGATION FIX.

FIX USE: REMOVED J38 AND REFORMATTED J538.

CHARTING: ADDED CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
4
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAYLE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 453724.75N/0935534.20W

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	GOPHER	GEP	VORTAC	H	315.00	321.00	37.00	37.00	4000	17500
2	ST CLOUD	STC	VOR/DME	T	048.35	051.35	7.14	7.14	4000	12000
3	ALEXANDRIA	AXN	VOR/DME	VL	102.65	109.65		58.42	5000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
AXN	VOR/DME	R-103	42	5000	6400

FIX RESTRICTIONS:

MCA V510 5000 NORTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GOPHER (FAC 1) AND ST CLOUD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V510	1, 2, 3				(US)
EN ROUTE	T330					MN (US)
IAP	RNAV (GPS) RWY 31			KRYM	CAMP RIPLEY	MN (US)
IAP	RNAV (GPS) RWY 31			KLXL	LITTLE FALLS	MN (US)
IAP	RNAV (GPS) RWY 16			KPNM	PRINCETON	MN (US)
IAP	RNAV (GPS) RWY 31			KSTC	ST CLOUD	MN (US)
IAP	VOR RWY 31	1, 2, 3		KSTC	ST CLOUD	MN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX MAKE-UP: AXN CLASS CHANGED FROM L TO VL.

ESV: CHANGED AXN ESV MAX ALTITUDE TO 6400.

FIX RESTRICTIONS: CHANGED MCA V510 5000 WESTBOUND TO NORTHWEST BOUND.

REMARKS: CHANGED GOPHER (FAC 1) AND ALEXANDRIA (FAC 3) USED TO ESTABLISH FIX COORDINATES TO GOPHER (FAC 1) AND ST CLOUD (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE: ADDED FAC 1 AND 3 TO VOR RWY 31 AT KSTC.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DRIVL

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 391106.88N/0933429.81W

TYPE: 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 NM	FAC FEET	MRA	MAA
1	BUTLER	BUM	VORTAC	VH	030.79	037.79	69.53	69.53		18000	45000
2	KANSAS CITY	MCI	VORTAC	H	090.95	095.95	54.51	54.51		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

BUTLER (FAC 1) AND KANSAS CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J24	1, 2				(US)
EN ROUTE	J87	1, 2				(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX MAKE-UP: CHANGED FAC MCI DME FROM 57.84 TO 54.51 AND ADDED DIST FROM FAC AND RENUMBERED TO FAC 2.

FIX MAKE-UP: CHANGED FAC BUM DME FROM 75.46 TO 69.53 AND ADDED DIST FROM FAC AND CHANGED CLASS FROM H TO VH AND RENUMBERED TO FAC 1.

REMARKS: REMOVED NOTE HOLDING LIMITED TO DME ONLY ON JET ROUTE RADIALS.

REMARKS: ADDED NOTE BUTLER (FAC 1) AND KANSAS CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE: REFORMATTED J24 AND J87.

CHARTING: ADDED CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: GERBS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414639.86N/0842530.20W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	GIPPER	GIJ	VORTAC	H	089.00	089.00	85.00	85.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J146	1				(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

AIRSPACE DOCKET: REMOVED DOCKET NUMBER.
TYPE: REMOVED INT.
FIX MAKE-UP: ADDED DIST FROM FAC TO FAC GIJ.
FIX USE: REFORMATTED J146.
CHARTING: ADDED CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE: *Digitally signed by*

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IDEAS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 414617.18N/0833306.56W

TYPE: 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	FAC FEET	MRA	MAA
1	GIPPER	GIJ	VORTAC	H	089.00	089.00	124.21	124.21		18000	45000
2	CHARDON	CXR	VOR/DME	H	283.88	278.88	108.53	108.53		18000	45000
3	CARLETON	CRL	VOR/DME	VH	197.31	194.31	17.12	17.12		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GIPPER (FAC 1) AND CARLETON (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J146		1, 2, 3			(US)
EN ROUTE	J43		1, 2, 3			(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX MAKE-UP: ADDED FAC CXR, RENUMBERED FACILITIES AND UPDATED ASSOCIATED NOTES.

FIX MAKE-UP: ADDED DIST FROM FAC TO FAC GIJ AND CRL.

FIX MAKE-UP: CHANGED GIJ DME FROM 124.29 TO 124.21.

FIX MAKE-UP: CHANGED CRL CLASS FROM H TO VH.

FIX MAKE-UP: CHANGED CRL MAG/TRUE BRG FROM 197.30/194.30 TO 197.31/194.31 AND DME FROM 17.10 TO 17.12.

REMARKS: REMOVED NOTES CHART ON H-3/4 PLUS CONTROLLING CHART AND DME ONLY HOLDING AUTHORIZED.

REMARKS: ADDED NOTE GIPPER (FAC 1) AND CARLETON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE: REMOVED NOTE ZOB CONTROLLER CHART AND H-3/4.

FIX USE: ADDED J43 AND J146.

CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KIDER

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 394653.94N/0941042.03W

TYPE: 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	KIRKSVILLE	IRK	VORTAC	H	248.37	254.37	76.20	76.20		18000	45000

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	IRK	VORTAC	248.37	068.37	L	1 1/2	18000 41000	18 30

REASON FOR NONSTANDARD HOLDING:

PAT 1 TO AVOID CONGESTED AIRWAY COMPLEX VICINITY OF MKC.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J96	1				(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

TYPE: REMOVED INT.

AIRSPACE DOCKET: REMOVED DOCKET NUMBER.

FIX MAKE-UP: ADDED DIST FROM FAC TO FAC IRK.

FIX MAKE-UP: REMOVED FAC BUM AND ALL ASSOCIATED NOTES.

PATTERNS: CHANGED PAT 1 CRS/BRG AND INBOUND COURSE FROM 248.00/068.00 TO 248.37/068.37 AND REMOVED LENGTH DME.

HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS: REMOVED NOTE FIX USE: REQUEST HOLDING PATTERN BE PUBLISHED ON ENROUTE HIGH ALTITUDE CHARTS.

FIX USE: ADDED J96.

CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE: Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PECOK STATE: MI COUNTRY: US ICAO REGION CODE: K5
 LATITUDE/LONGITUDE: 440027.67N/0854314.71W 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	MRA	MAA
1	TRAVERSE CITY	TVC	VOR/DME	VH	192.57	190.57	40.29	40.29	18000	45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	013.57	193.57	R	10	9000	28000	15	22

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (26-000204)	441633.00N/0854249.00W	2549	5E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1: EVALUATED WITH 10 DME LEG LENGTH AT ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J548	1				(US)
STAR	WYNDE (RNAV)		1	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

TYPE: REMOVED INT.
 FIX MAKE-UP: REMOVED FAC GRB.
 FIX MAKE-UP: CHANGED TVC CLASS FROM H TO VH AND CHANGED THE MRA FROM 12000 TO 18000
 ESV: REMOVED ALL ESV'S.
 REMARKS: REMOVED NOTE GREEN BAY (FAC 1) AND TRAVERSE CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.
 FIX USE: ADDED J548.
 CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A442	NAME: TARA MARTINELLI
APPROVED BY:	DATE: 11/30/2023	OFFICE: AJV-A442	NAME: DAVID DANNER

SIGNATURE: *Digitally signed by*
DAVID DANNER
 Apr 28, 2023

QUALITY
 32
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ROCOR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450419.14N/0845356.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 35

FAC

PAT

AIRPORT IDENT
KBFA

CITY
BOYNE FALLS

STATE
MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX MAKE-UP: REMOVED FAC KBFA R35

REMARKS: REMOVED NOTE FAC 1 DME DISTANCE FROM DISPLACED THRESHOLD 450936.72N-0845521.37W.

FIX USE: REFORMATTED IAP RNAV (GPS) RWY 35.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RRONS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 424101.31N/0824458.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

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	E		WP	107.54	287.54	L	12	24000	45000	20	30

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

ATC FIX FOR ORD ARRIVALS.
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE
EN ROUTE

USE TITLE
Q436

FAC

PAT
1

AIRPORT IDENT

CITY

STATE
(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX USE: ADDED Q436.
CHARTING: ADDED CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SLVER

STATE: MO

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 380009.93N/0901807.62W

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 NM	FAC FEET	MRA	MAA
1	FARMINGTON	FAM	VORTAC	H	349.71	350.71	20.00	20.00		3000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J151	1				(US)
EN ROUTE	J35	1				(US)
EN ROUTE	V9	1				(US)
STAR	SLVER (RNAV)			KSUS	ST LOUIS	MO (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

FIX USE: ADDED V9, J35 AND J151.

CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW AND ADDED CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SPARR

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 450152.29N/0842501.69W

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 NM	FAC FEET	MRA	MAA
1	GAYLORD	GLR	VOR/DME	L	090.65	084.65	12.27	12.27		3000	17500
2	PELLSTON	PLN	VORTAC	L	169.71	163.71	37.46	37.46		3000	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

REMARKS:

GAYLORD (FAC 1) AND PELLSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V420	1, 2				(US)
EN ROUTE	V609	1, 2				(US)
IAP	RNAV (GPS) RWY 1			KAPN	ALPENA	MI (US)
IAP	RNAV (GPS) RWY 17			KBFA	BOYNE FALLS	MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

TYPE: ADDED WP.

FIX MAKE-UP: ADDED DIST FROM FAC TO FAC GLR AND PLN.

CONTROLLING OBSTRUCTION: REMOVED UNPLANNED HOLDING AND ALL ASSOCIATED NOTES.

REMARKS: ADDED NOTE GAYLORD (FAC 1) AND PELLSTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE: REFORMATTED ALL PROCEDURES.

CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A442

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2023

QUALITY
32
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