

RADIO FIX AND HOLDING DATA RECORD

NAME: BRUNZ

STATE: OH

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 411236.19N/0823001.12W

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	DRYER	DJB	VOR/DME	H	245.00	240.00	17.69	17.69		3500	20000
2	MANSFIELD	MFD	VORTAC	L	014.34	011.34		20.88		3500	20000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MFD	VORTAC	R-014	21	19200	20000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DRYER (FAC 1) AND MANSFIELD (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OBRLN	1, 2		KCGF	CLEVELAND	OH (US)
DP	OBRLN	1, 2		KCLE	CLEVELAND	OH (US)
DP	OBRLN	1, 2		K1G1	ELYRIA	OH (US)
DP	OBRLN	1, 2		KLPR	LORAIN/ELYRIA	OH (US)
DP	OBRLN	1, 2		K1G5	MEDINA	OH (US)
DP	OBRLN	1, 2		K7G8	MIDDLEFIELD	OH (US)
DP	OBRLN	1, 2		K2G1	PAINESVILLE	OH (US)
DP	OBRLN	1, 2		KLNN	WILLOUGHBY	OH (US)
EN ROUTE	V14	1, 2				(US)
EN ROUTE	V435	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. AMENDED FAC 1 AND FAC 2 MRA FROM 2400 TO 3500.
2. ADDED REMARK: DRYER (FAC 1) AND MANSFIELD (FAC 2) USED TO ESTBALISH FIX COORDINATES.
3. DELETED OBRLN DP AT KBKL FROM FIX USE.

DEVELOPED BY: DATE: 12/16/2016 OFFICE: AJV-5422 NAME: PETER GUIMOND

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

QUALITY
21
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OBRLN **STATE:** OH **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 410623.39N/0824405.24W **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	ROSEWOOD	ROD	VORTAC	H	055.15	050.15	77.29	77.29		3500	45000
2	MANSFIELD	MFD	VORTAC	L	338.43	335.43		15.69		3500	22000
3	DRYER	DJB	VOR/DME	H	245.00	240.00	30.00	30.00		3500	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
ROD	VORTAC	R-055	78	6000	15600
MFD	VORTAC	R-338	16	19200	22000

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

REMARKS:

MANSFIELD (FAC 2) AND DRYER (FAC 3) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OBRLN	1, 2, 3		KCGF	CLEVELAND	OH (US)
DP	OBRLN	1, 2, 3		KCLE	CLEVELAND	OH (US)
DP	OBRLN	1, 2, 3		K1G1	ELYRIA	OH (US)
DP	OBRLN	1, 2, 3		KLPR	LORAIN/ELYRIA	OH (US)
DP	OBRLN	1, 2, 3		K1G5	MEDINA	OH (US)
DP	OBRLN	1, 2, 3		K7G8	MIDDLEFIELD	OH (US)
DP	OBRLN	1, 2, 3		K2G1	PAINESVILLE	OH (US)
DP	OBRLN	1, 2, 3		KLNN	WILLOUGHBY	OH (US)
EN ROUTE	V14	1, 2, 3				(US)
EN ROUTE	V435	1, 2, 3				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 04/27/2017

REASON FOR REVISION:

1. AMENDED FAC 1 DIST FROM FAC AND DME FROM FAC FROM 77.30 TO 77.29.
2. AMENDED FAC 1, FAC 2, AND FAC 3 MRA FROM 3000 TO 3500.
3. ADDED REMARK: MANSFIELD (FAC 2) AND DRYER (FAC 3) USED TO ESTABLISH FIX COORDINATES.
4. DELETED OBRLN DP AT KBKL FROM FIX USE.

DEVELOPED BY: **DATE:** 12/16/2016 **OFFICE:** AJV-5422 **NAME:** PETER GUIMOND

APPROVED BY: **DATE:** **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN

SIGNATURE:

DISTRIBUTION: NFDC
FPO: CEN
ARTCC: ZOB
ATC FACILITY: CLE APP CON
OTHER:

QUALITY
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