

RADIO FIX AND HOLDING DATA RECORD

NAME: JUBLA

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415937.11N/0862345.93W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	W		WP	274.90	094.90	R	4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-000450)	415742.00N/0862102.00W	1224	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 27		1	C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 9		1	C91	DOWAGIAC	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 07/29/2010

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/18/2010

OFFICE: AVN-120

NAME: JOSE ALFONSO (LONNIE EVERHART)

APPROVED BY:

DATE: 06/09/2010

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: KEELER VOR/DME STATE: MI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420839.88N/0860721.74W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	KEELER	ELX	VOR/DME	L							17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E		WP	086.00	266.00	L		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-002131)	421202.20N/0855815.00W	1284	4D

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V100					(US)
EN ROUTE	V277					(US)
EN ROUTE	V55					(US)
IAP	ILS OR LOC RWY 27			KEKM	ELKHART	IN (US)
IAP	RNAV (GPS) RWY 10		1	KBEH	BENTON HARBOR	MI (US)
IAP	RNAV (GPS) RWY 27			C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 9			C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 5			KAZO	KALAMAZOO	MI (US)
IAP	RNAV (GPS) RWY 23			KLWA	SOUTH HAVEN	MI (US)
IAP	RNAV (GPS) RWY 5			KLWA	SOUTH HAVEN	MI (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 32 DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

DELETED PAT 1 AND ASSOCIATED DATA.
DELETED KBEH: VOR RWY 28 FROM FIX USE.
DELETED KORD: O'HARE DP.
DELETED "DP" FROM REQUIRED CHARTING.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: THERON CYRUS

APPROVED BY: DATE: 10/23/2025 OFFICE: AJV-A421 NAME: DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LINGS

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415110.62N/0855306.49W

TYPE: WP

AIRSPACE DOCKET: 24-AGL-23

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
IAP

USE TITLE
RNAV (GPS) RWY 31
RNAV (GPS) RWY 15

FAC

PAT

AIRPORT IDENT
C20
3TR

CITY
BERRIEN SPRINGS
NILES

STATE
MI (US)
MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

TYPE: REMOVED INT AND DME.

AIRSPACE DOCKET: ADDED 24-AGL-23.

FIX MAKE-UP FACILITIES: REMOVED FACS 1 (ELX) AND 2 (GIJ) - FIX HAS NO GROUND BASED NAVAID USAGE.

REMARKS: REMOVED FIX COORDINATES REMARK.

FIX USE: REMOVED V277 AND C91 RNAV (GPS) RWY 27.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: BARRY SMITH

APPROVED BY:

DATE: 10/23/2025

OFFICE: AJV-A421

NAME: CASEY HILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RESGY

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 420650.13N/0853507.01W

TYPE: WP

AIRSPACE DOCKET: 22-AGL-20

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

ATC REQUEST EN ROUTE LOW CHARTING.

**FIX USE:
USE TYPE**

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

IAP

RNAV (GPS) RWY 5L

KBTL

BATTLE CREEK

MI (US)

IAP

RNAV (GPS) RWY 27

C91

DOWAGIAC

MI (US)

IAP

RNAV (GPS) RWY 19

KIRS

STURGIS

MI (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/20/2023

REASON FOR REVISION:

1. ADDED AIRSPACE DOCKET 22-AGL-20.
2. DELETED "INT, DME" FROM FIX TYPE -- NO GROUND BASED USAGE.
3. DELETED ELX VOR/DME AND AZO VOR/DME FROM FIX MAKE-UP FACILITIES -- NO GROUND BASED USAGE.
4. DELETED V100 AND V285 (22-AGL-1) IN FIX USE.
5. ADDED REMARK "ATC REQUEST EN ROUTE LOW CHARTING".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 04/20/2023

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: YEGTU STATE: MI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 415935.24N/0855153.02W 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	E		WP	095.25	275.25	R	4	2700	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001559)	415627.06N/0854927.39W	1493	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 27		1	C91	DOWAGIAC	MI (US)
IAP	RNAV (GPS) RWY 9		1	C91	DOWAGIAC	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 11/27/2025

REASON FOR REVISION:

PAT 1 CONTROLLING OBSTRUCTION COORDINATES/ELEVATION/ACCURACY CODE UPDATED FROM "415627.00N/0854927.00W/1489/5D" TO "415627.06N/0854927.39W/1493/4D".

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 NAME: GEORGE TYLER

APPROVED BY: DATE: 10/23/2025 OFFICE: AJV-A421 NAME: CASEY HILL

SIGNATURE: