

# RADIO FIX AND HOLDING DATA RECORD

NAME: WAKEL OM

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423940.11N/0833249.92W

TYPE: INT

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	FAC FEET	MRA	MAA
1	WAKEL	PT	OM							2700	5400
2	PONTIAC	I-PTK	LOC		271.65	267.65		6.33		2700	5400
3	PONTIAC	PSI	VORTAC	L	198.02	195.02		2.47		2700	17500

## REMARKS:

COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE WAKEL OM.  
ACTUAL FACILITY LOCATION IS 423945.13N/0833250.21W.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2, 3		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/17/2009

## REASON FOR REVISION:

CORRECTED FIX LAT/LONG COORDINATES TO PROPER COORDINATES, FIX NOT MOVED.  
CORRECTED TRUE/MAG BRG FROM 195.10/198.10 TO 195.02/198.02.

DEVELOPED BY:      DATE:      OFFICE:      NAME:

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

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZOB  
ATC FACILITY: PTK ATCT  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: WAKEL

STATE: MI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 423939.34N/0833310.73W

TYPE: INT

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	PONTIAC	I-PTK	LOC		274.63	267.63		6.59	40025	2700	5400
2	SALEM	SVM	VORTAC	L	009.83	006.83		15.24		2700	5400

## REMARKS:

PONTIAC (FAC 1) AND SALEM (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2		KPTK	PONTIAC	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 05/24/2018

DEVELOPED BY:      DATE: 12/05/2017      OFFICE: AJV-5421      NAME: JAMES ROGERS

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

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
25  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 423923.65N/0834118.34W **TYPE:** INT

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

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	PONTIAC	I-PTK	LOC		274.63	267.63		12.59	2700	5400
2	SALEM	SVM	VORTAC	L	347.28	344.28		15.45	2700	5400

**HOLDING:** **HOLDING TYPE OF ACTION:** ESTABLISH

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	HOLDING ALTITUDES MIN	TEMPLATES MIN
1	W	I-PTK	LOC	274.63	094.63	L	1	2700	5

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-001927)	424417.00N/0834003.00W	1523	5D

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 BELOW 14000 FEET.

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PONTIAC (FAC 1) USED TO ESTABLISH FIX COORDINATES  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 9R	1, 2		KPTK	PONTIAC	MI (US)

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 05/24/2018

**DEVELOPED BY:** **DATE:** 12/05/2017 **OFFICE:** AJV-5421 **NAME:** JAMES ROGERS

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

**SIGNATURE:**

**DISTRIBUTION:**

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

QUALITY  
13  
CHECKED