

RADIO FIX AND HOLDING DATA RECORD

NAME: UNSUN

STATE: MI

COUNTRY: US

LATITUDE/LONGITUDE: 424504.72N/0850449.70W

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 NM | FAC FEET | MRA | MAA |
|-----|---------|-------|---------|-------|---------|----------|-------|--------------|----------|------|-------|
| 1 | LANSING | LAN | VORTAC | L | 281.98 | 276.98 | 17.06 | 17.06 | | 2700 | 17500 |
| 2 | VICTORY | VIO | VOR/DME | H | 100.44 | 096.44 | 18.53 | 18.53 | | 2700 | 17500 |

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 ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|---------|-------------|-------------|---------------|-----------------|-----|-----------------------|------|---------------|-----|
| 1 | W | VIO | VOR/DME | 100.44 | 100.44 | R | 1 | | 3000 | 6000 | 5 | 6 |
| 2 | W | | WP | 280.00 | 100.00 | R | | 4 | 3000 | 6000 | 5 | 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|---------|-------------------|------------------------|-----------|---------------|
| UPN | 265 | TOWER (26-000456) | 423415.00N/0852809.00W | 1956 | 4D |
| 1 | 200 | TOWER (26-001692) | 424045.00N/0850357.00W | 1953 | 5D |
| 2 | 200 | TOWER (26-001692) | 424045.00N/0850357.00W | 1953 | 5D |

HOLDING RESTRICTIONS:

UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:

LANSING (FAC 1) USED TO ESTABLISH FIX COORDINATES
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE (US) |
|----------|--------------------|------|-----|---------------|--------------|------------|
| EN ROUTE | V510 | 1, 2 | | | | MI (US) |
| IAP | RNAV (GPS) RWY 20 | | | KFPK | CHARLOTTE | MI (US) |
| IAP | RNAV (GPS) RWY 26L | | | KGRR | GRAND RAPIDS | MI (US) |
| IAP | RNAV (GPS) RWY 12 | | | K9D9 | HASTINGS | MI (US) |
| IAP | RNAV (GPS) RWY 30 | | 2 | K9D9 | HASTINGS | MI (US) |
| IAP | ILS OR LOC RWY 10R | 1 | | KLAN | LANSING | MI (US) |
| IAP | ILS OR LOC RWY 28L | 2 | 1 | KLAN | LANSING | MI (US) |

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 07/21/2016

REASON FOR REVISION:

REMOVED INT FROM FIX TYPE.
REMOVED BATTLE CREEK (BTL) VORTAC.
CHANGED GRAND RAPIDS (GRR) VOR/DME TO VICTORY VIO VOR/DME.

DEVELOPED BY:

DATE: 03/04/2016

OFFICE: AJV-5422

NAME: THOMAS KIRKPATRICK

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: GEORGE GONZALEZ

SIGNATURE:

DISTRIBUTION:

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

QUALITY
7
CHECKED