

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 07/14/2022	APWS Task ID: 3CE8D85664014659BE1F931407A26642	APWS Project ID: 06861C2492BB424896427F9C578434DA
Procedure: SID KZLOV ONE (RNAV) DETROIT MI KDTW		Enroute: YES	Specialist: Winner, Steven		Agreement Number:
Airport ID: KDTW		Airport City: DETROIT		State: MI	
Facility ID:	Facility Type:	Flight Inspection Remark Type: Hold FC Slot			
<p><b>Procedure Comments:</b>  ACTIVE AIRPORT DATA USED FOR KDTW, KARB, KTTF, KONZ, KOZW, KPTK, KMTC AND CYQG.  PENDING AIRPORT DATA USED FOR KDET, KYIP AND KVLL.  CONTACT JOHN BORDY 405-954-0980</p> <p>1/03/2022: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/13/2021.  1. BLOCK ALTITUDE AT KZLOV CHANGED FROM AT OR ABOVE 4000 AND AT OR BELOW 15000 TO AT OR ABOVE 4000 AND AT OR BELOW 10000. - ATC REQUEST.  2. TOP ALTITUDE CHANGED FROM 15000 TO 10000. - ATC REQUEST.</p> <p>4/15/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/13/2022.  1. CORRECTED TYPO IN DP COMPUTER CODE FROM KSLOV1.WINNZ TO KZLOV1.WINNZ. - CORRECTED TYPO.</p> <p>5/12/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/13/2022.  1. CHANGED KYIP RWY 5 AND 9 DP ROUTE DESCRIPTION FROM "THEN ON HEADING..." TO "THEN LEFT TURN HEADING..." - CORRECTED TO MATCH 8260-15C.</p>					

QUALITY  
20  
CHECKED

QUALITY  
41  
CHECKED

<b>FIPC DME/DME FORM</b>						
<b>PROCEDURE:</b> SID KZLOV ONE (RNAV) DETROIT MI KDTW			<b>AIRPORT NAME:</b> DETROIT METRO WAYNE COUNTY		<b>AIRPORT ID:</b> KDTW	<b>SPECIAL CONTROL NO:</b> BG-03-345-22
<b>FAC ID:</b> KZLOV1		<b>CITY:</b> DETROIT			<b>ST:</b> MI	<b>ORIG CHART DATE:</b> 07/14/2022
<b>DFL TYPE:</b> PROC/D	<b>THIRD PARTY:</b> <input type="checkbox"/> YES	<b>EST. TIME ON SITE:</b> 1.0	<b>REIMB. NUMBER:</b>	<b>PTS TASK ID:</b>		
<b>PREFLIGHT NOTES</b>						
<b>REVIEWER:</b>					<b>DATE:</b>	
<b>COMMENTS:</b>					<b>CHECK ONE:</b> <input type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					<b>YES</b>	<b>NO</b>
					<b>CPV COMPLETE?</b> <input checked="" type="checkbox"/> X	
<b>PROCEDURE RESULTS</b>						
<b>INSPECTION DATE:</b> 04/07/2022	<b>CREW #:</b> VN285	<b>N #:</b> N77	<b>INSTRUMENT PROCEDURE STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		<b>ARINC CODING:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
<b>FLIGHT INSPECTOR SIGNATURE:</b> michael a greenwood @ 04/08/2022 09:48			<b>PRINTED NAME:</b> GREENWOOD, MICHAEL AARON			<b>NOTAM INITIATED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>FLIGHT INSPECTOR REMARKS:</b> SAT as Proposed.						
<b>DME/DME STATUS:</b> <input checked="" type="checkbox"/> SAT <input type="checkbox"/> UNSAT	<b>SPECIALIST SIGNATURE:</b> joshua g-ctr brechbiel @ 04/21/2022 09:13			<b>PRINTED NAME:</b> Brechbiel, Joshua		
<b>SPECIALIST REMARKS:</b> Post Flight DME/DME has been performed on the segments of the KDTW KZLOV SID flown by Flight Inspection. Segments flown under the KDTW KZLOV SID procedure name received ESV's and DME's as modeled and are suitable for navigation using DME/DME/IRU. Segments flown were: KZLOV-WINNZ						
<b>IN-FLIGHT OBSTACLE REPORT</b>						
<b>OBSTRUCTION ID #:</b>	<b>COORDINATES OR LOCATION:</b>	<b>GNSS ALTITUDE (MSL):</b>	<b>BAROMETRIC ALTITUDE (MSL):</b>	<b>HEIGHT ABOVE GROUND LEVEL:</b>		

TOP ALTITUDE:  
10000

RNAV 1 - DME/DME/IRU or GPS.

RADAR required.

PROTOTYPE-NOT  
FOR NAVIGATION

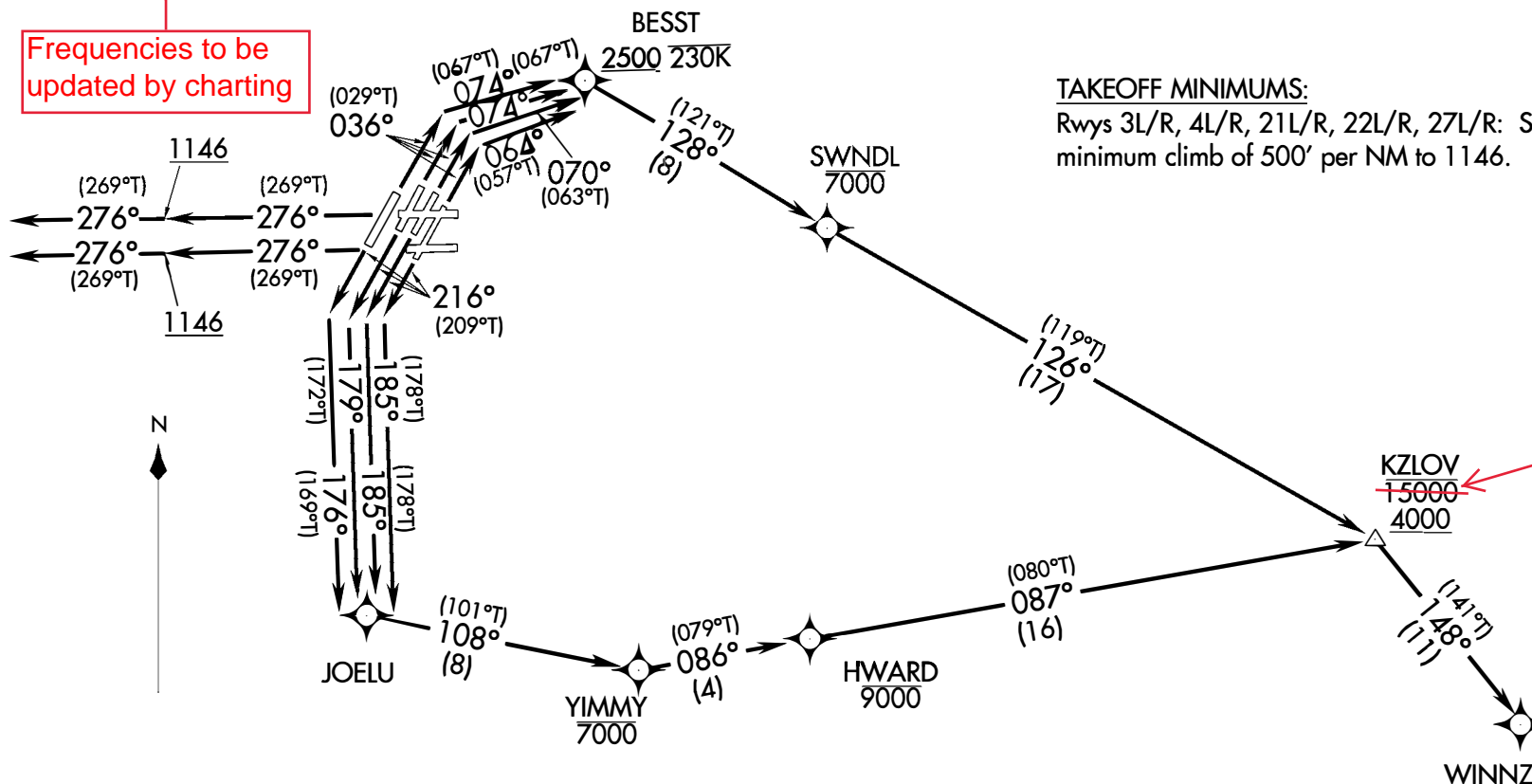
NOTE: Turbojet departures at/above 10000,  
maintain 280K until advised by ATC.  
NOTE: If unable **initial** 500' per NM climb rate,  
advise clearance delivery on initial contact.  
NOTE: For use by Cleveland Terminal arrivals only.

TAKEOFF MINIMUMS:

Rwys 3L/R, 4L/R, 21L/R, 22L/R, 27L/R: Standard with  
minimum climb of 500' per NM to 1146.

D-ATIS 118.125  
CLNC DEL 120.65  
CPDLC  
GND CON  
121.8 (NW) 119.45 (NE)  
132.725 (SW) 119.25 (SE)  
METRO TOWER  
118.4 317.725 (Rwys 3L/R, 21L/R, 27R)  
128.75 317.725 (Rwy 27L)  
135.0 317.725 (Rwy 4L/R, 22L/R)  
DETROIT DEP CON  
125.525 284.0 (Rwys 27L/R)  
132.025 284.0 (Rwys 3L/R, 4L/R, 21L/R, 22L/R)

Frequencies to be  
updated by charting



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

KZLOV ONE DEPARTURE (RNAV)

DETROIT, MICHIGAN  
DETROIT METRO WAYNE COUNTY (DTW)

## DEPARTURE ROUTE DESCRIPTION



TAKEOFF RUNWAY 3L: Climb on heading 036° to intercept course 070° to cross BESST at or above 2500 and at or below 230K, then on track 128° to cross SWNDL at or below 7000, then on track 126° to cross KZLOV at or above 4000 and at or below 10000, thence ...

TAKEOFF RUNWAY 3R: Climb on heading 036° to intercept course 064° to cross BESST at or above 2500 and at or below 230K, then on track 128° to cross SWNDL at or below 7000, then on track 126° to cross KZLOV at or above 4000 and at or below 10000, thence ...

TAKEOFF RUNWAY 4L/R: Climb on heading 036° to intercept course 074° to cross BESST at or above 2500 and at or below 230K, then on track 128° to cross SWNDL at or below 7000, then on track 126° to cross KZLOV at or above 4000 and at or below 10000, thence ...

TAKEOFF RUNWAY 21L/R: Climb on heading 216° to intercept course 185° to JOELU, then on track 108° to cross YIMMY at or below 7000, then on track 086° to cross HWARD at or below 9000, then on track 087° to cross KZLOV at or above 4000 and at or below 10000, thence ...

TAKEOFF RUNWAY 22L/R: Climb on heading 216° to intercept course 179° to JOELU, then on track 108° to cross YIMMY at or below 7000, then on track 086° to cross HWARD at or below 9000, then on track 087° to cross KZLOV at or above 4000 and at or below 10000, thence ...

TAKEOFF RUNWAY 27L/R: Climb on heading 276° to 1146, then on heading 276° or as assigned by ATC for RADAR vectors to cross KZLOV at or above 4000 and at or below 10000, thence ...

... on track 148° to WINNZ. Maintain assigned altitude, expect filed altitude ten minutes after departure.

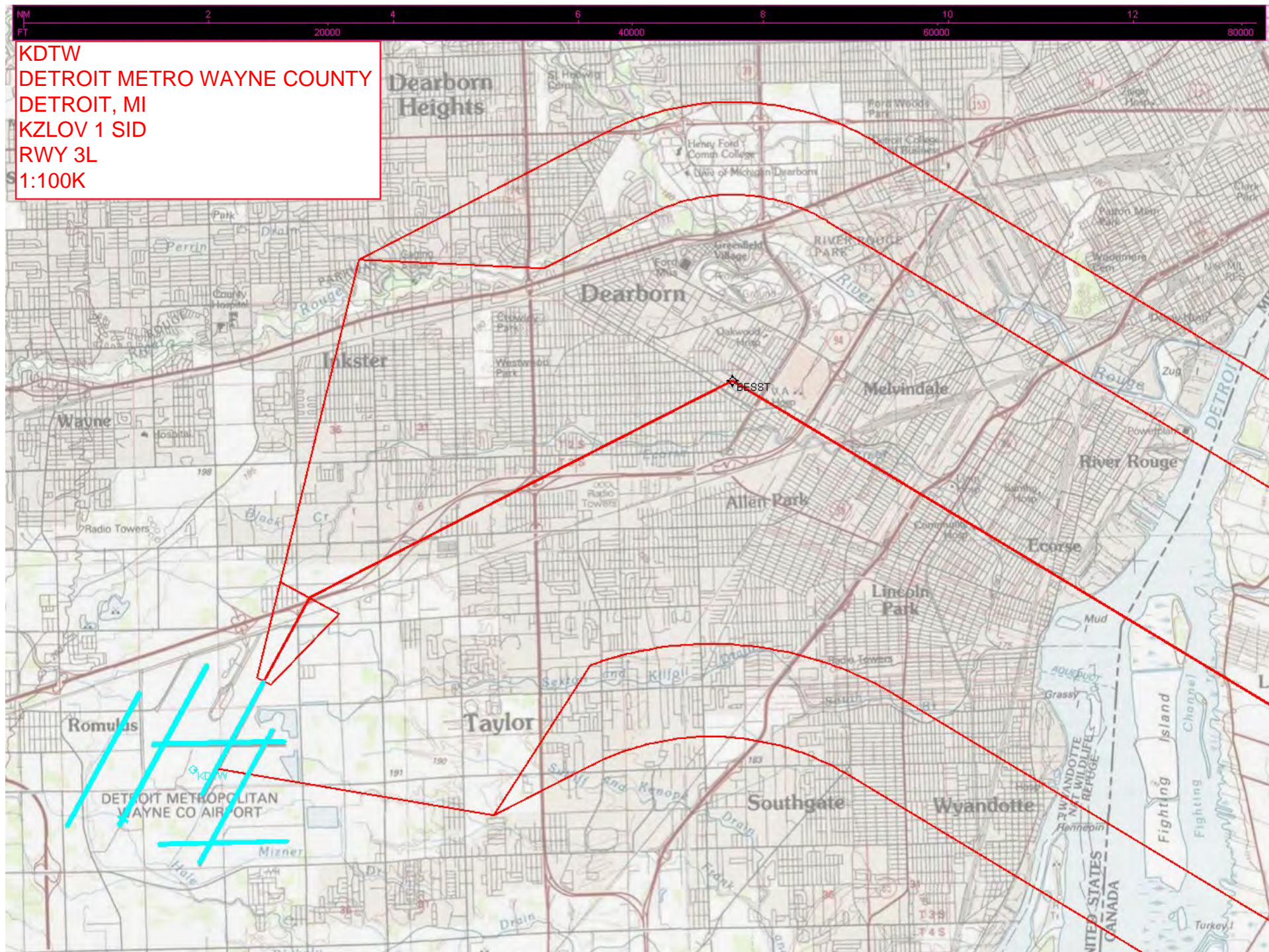
PROTOTYPE-NOT FOR NAVIGATION



KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
1:500K



KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 3L  
1:100K





KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 3R  
1:100K



KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 4L  
1:100K

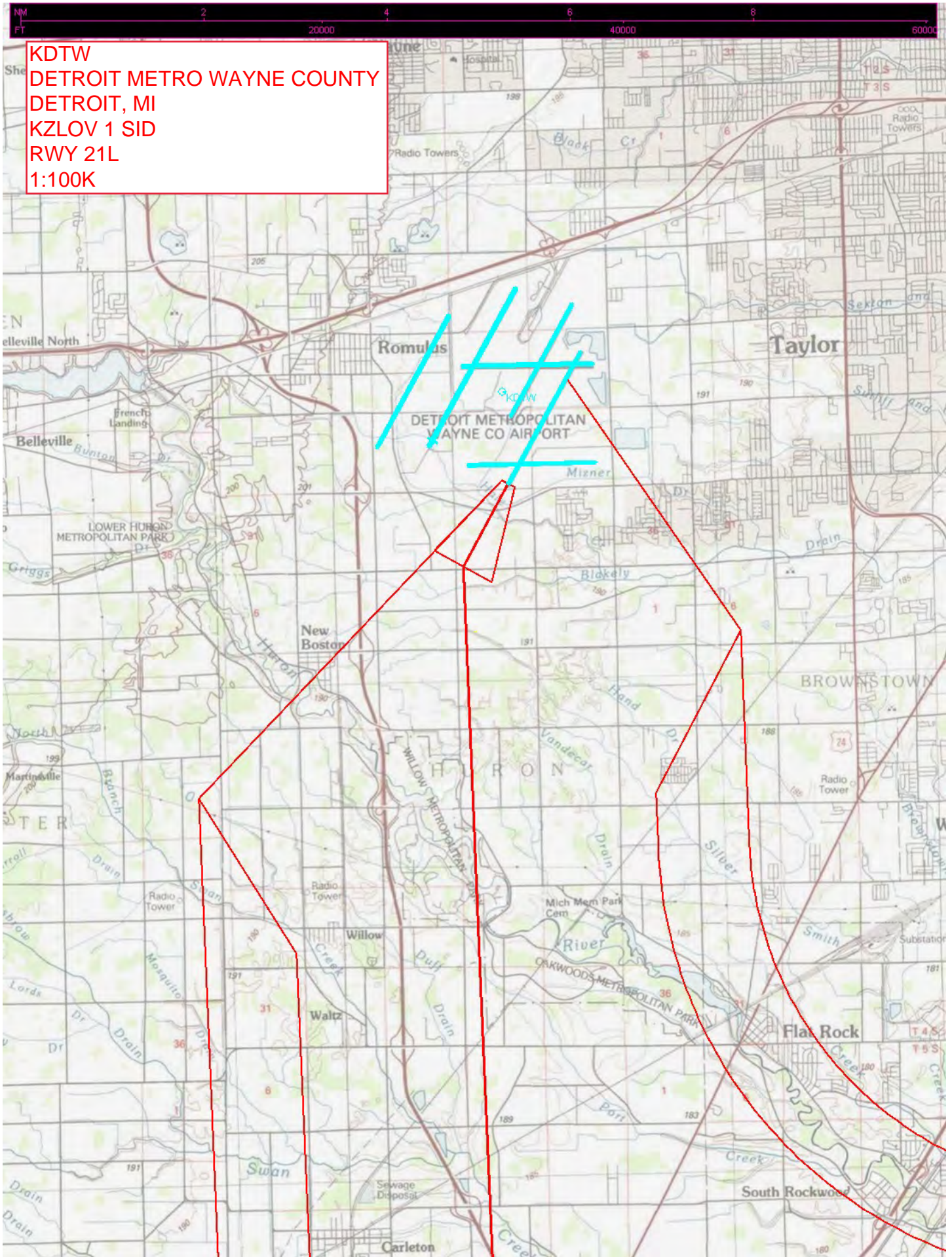


KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 4R  
1:100K





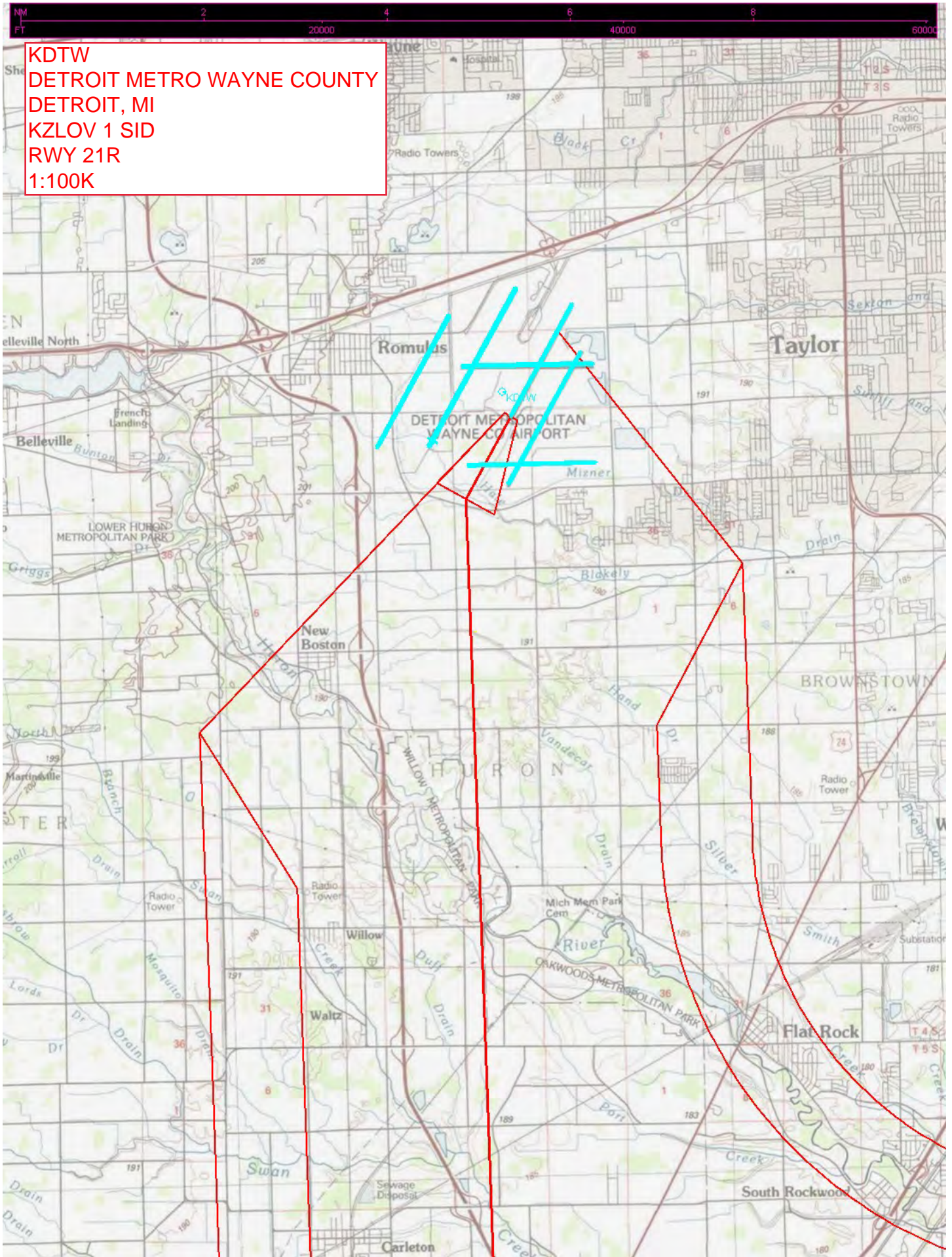
KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 21L  
1:100K







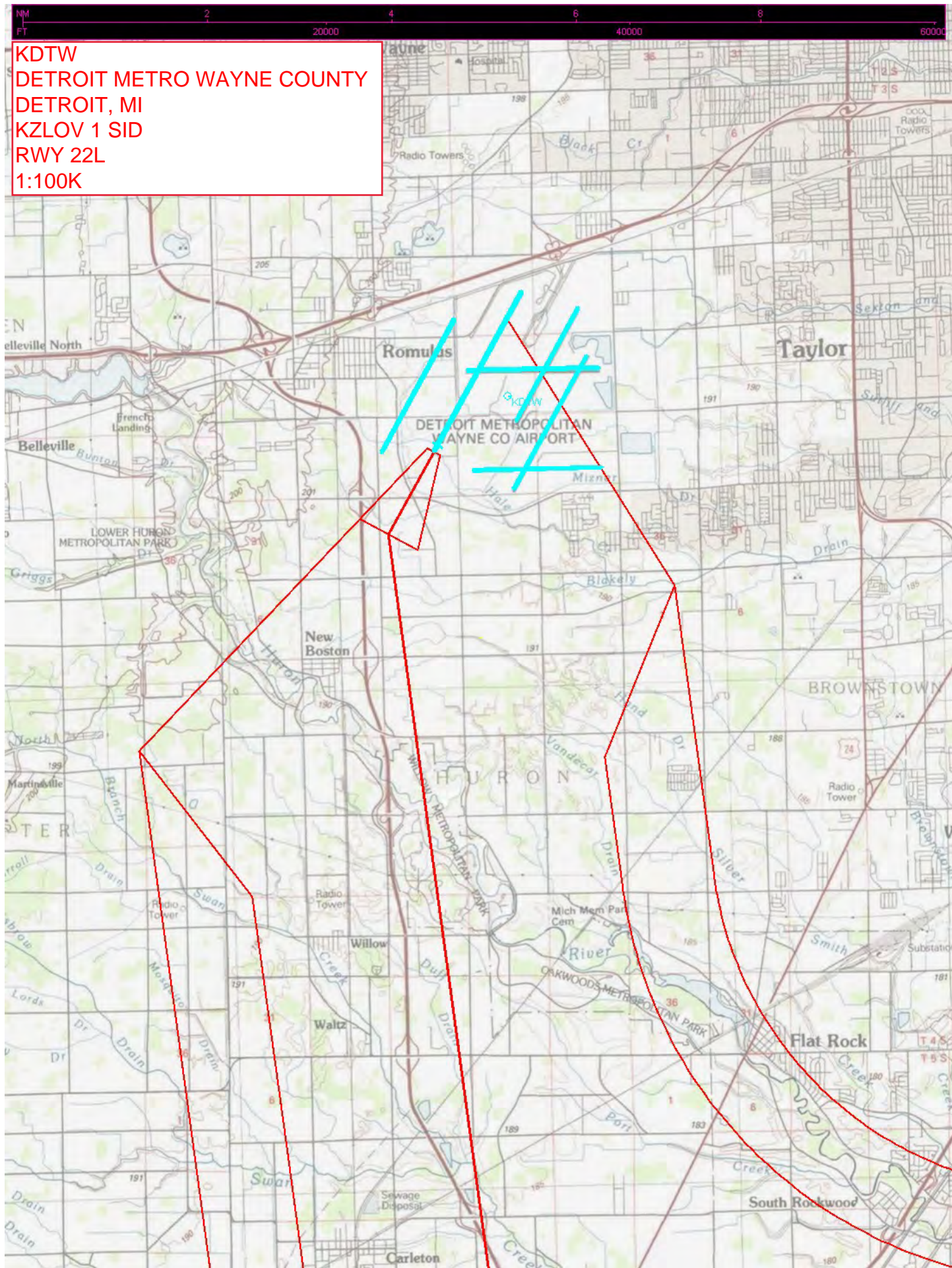
KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 21R  
1:100K





NM  
FT 2 4 6 8 20000 40000 60000

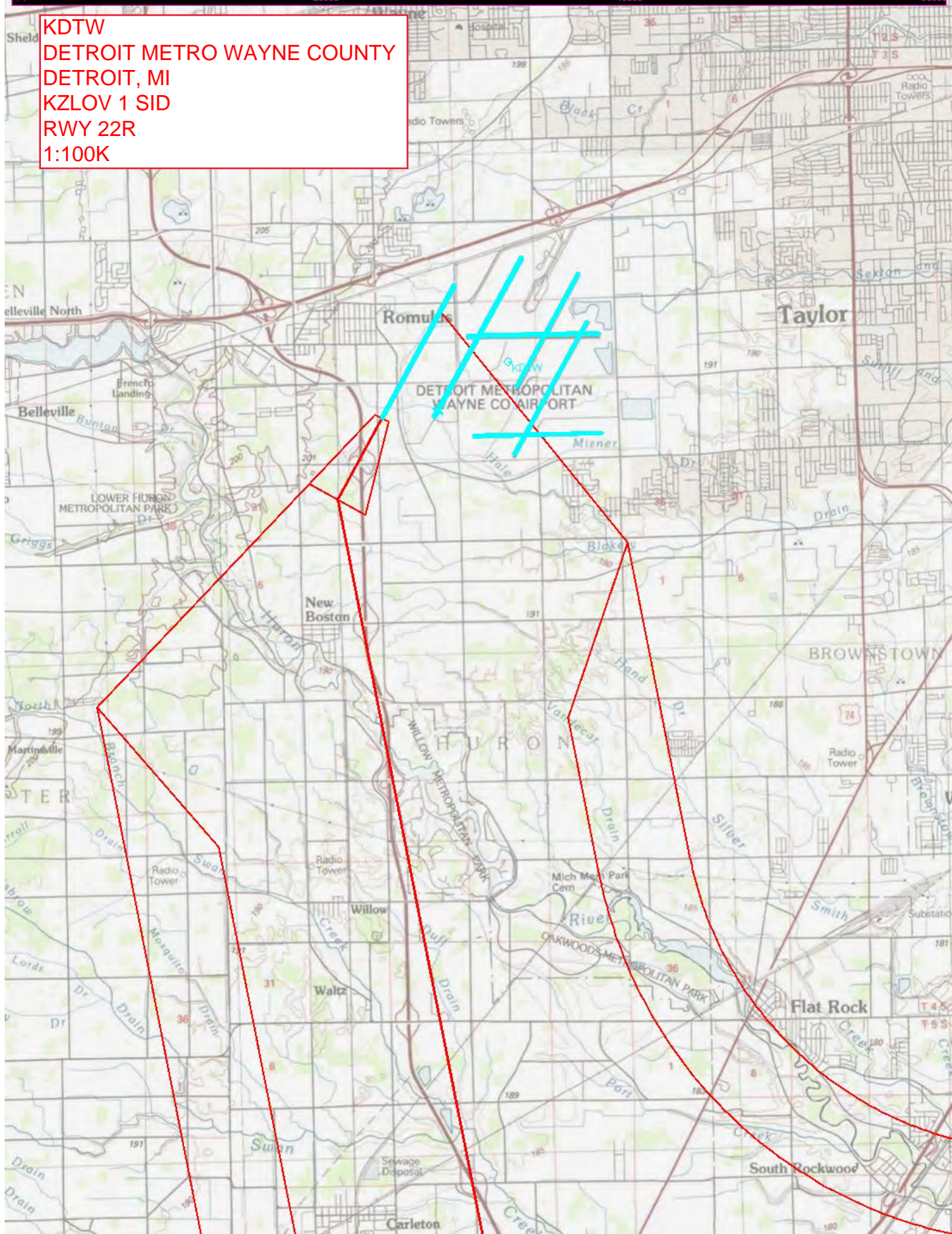
KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 22L  
1:100K





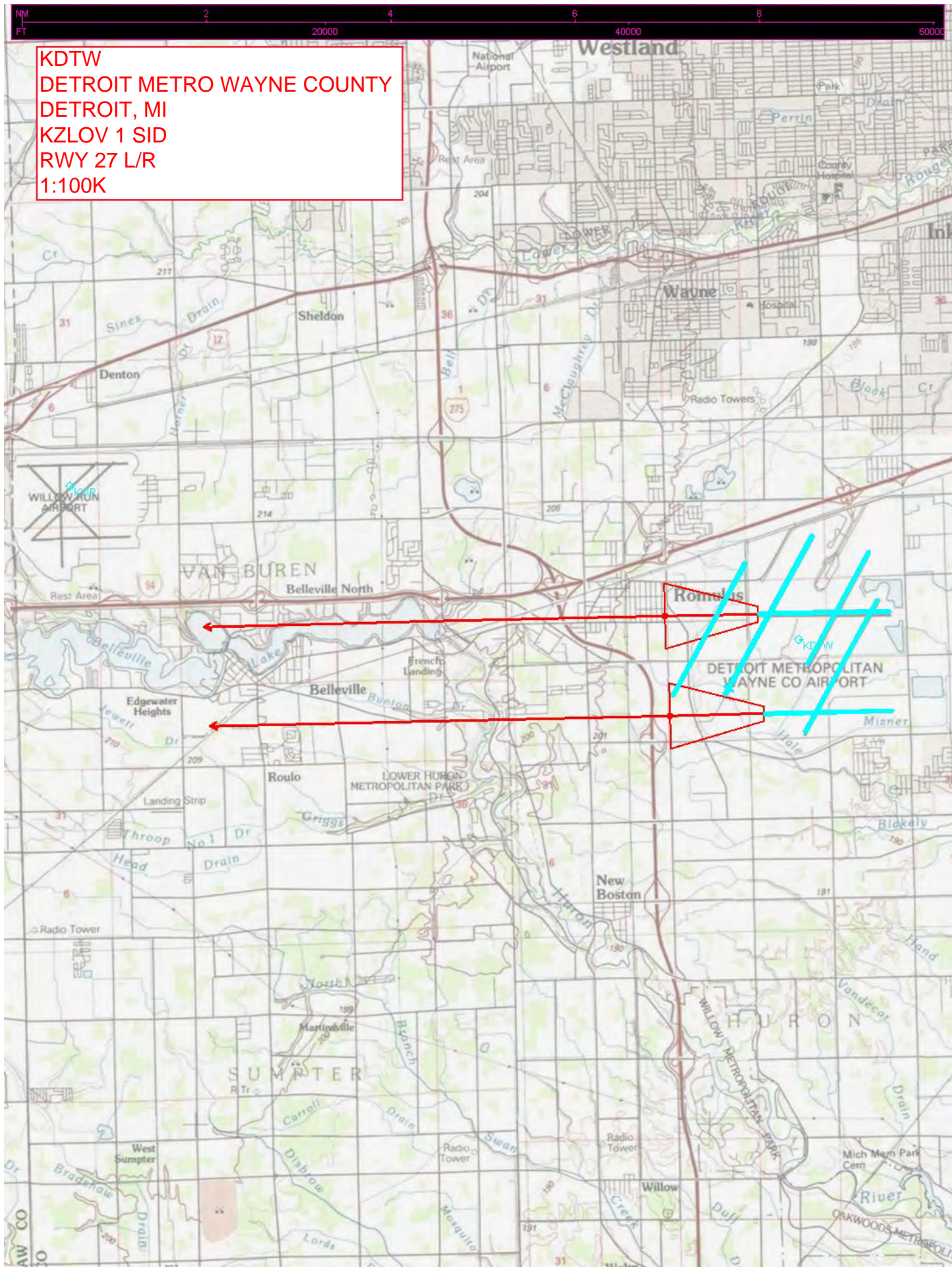


KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 22R  
1:100K





KDTW  
DETROIT METRO WAYNE COUNTY  
DETROIT, MI  
KZLOV 1 SID  
RWY 27 L/R  
1:100K

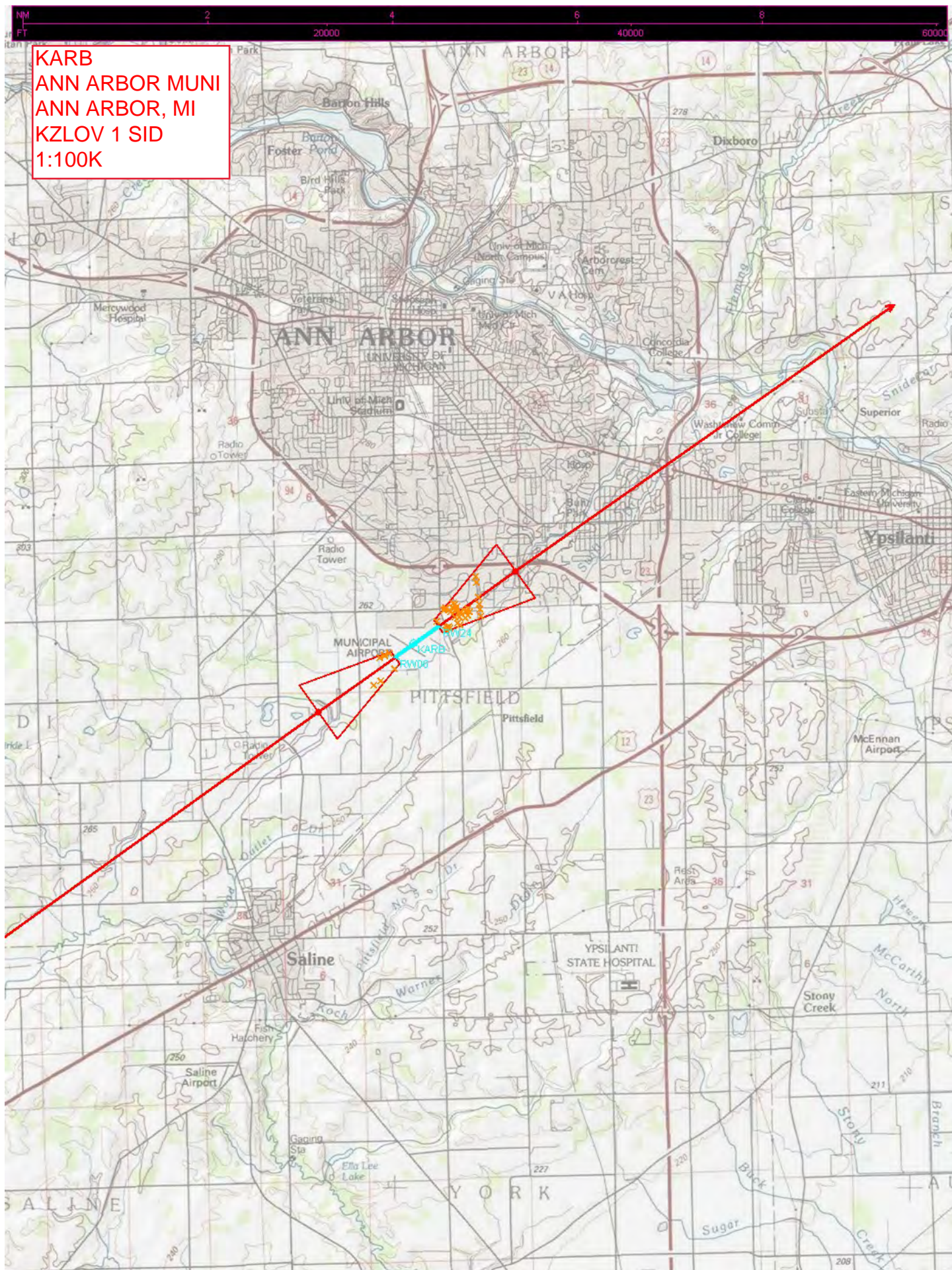




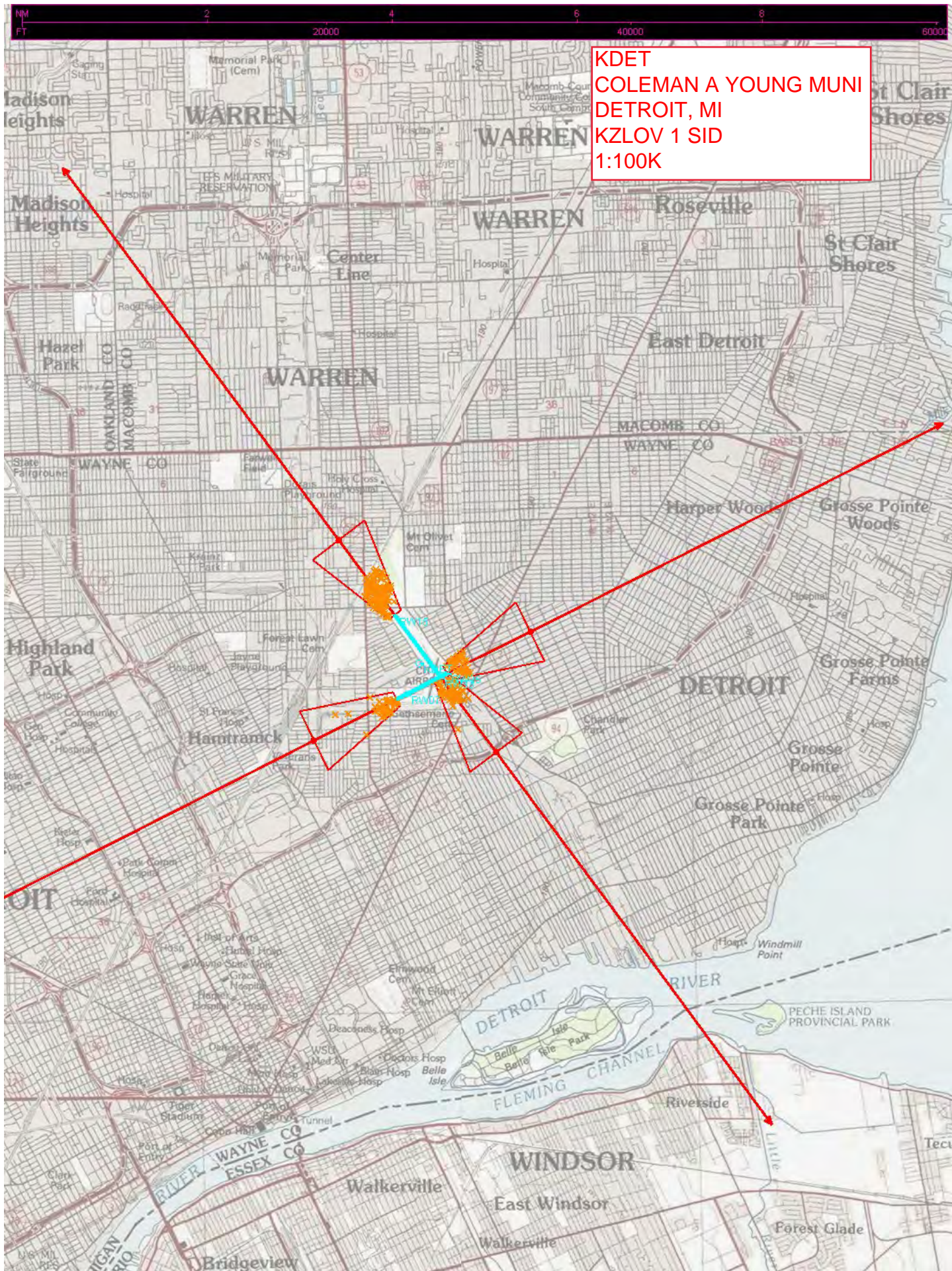
CYQG  
WINDSOR  
ONTARIO, CANADA  
KZLOV 1 SID  
1:100K



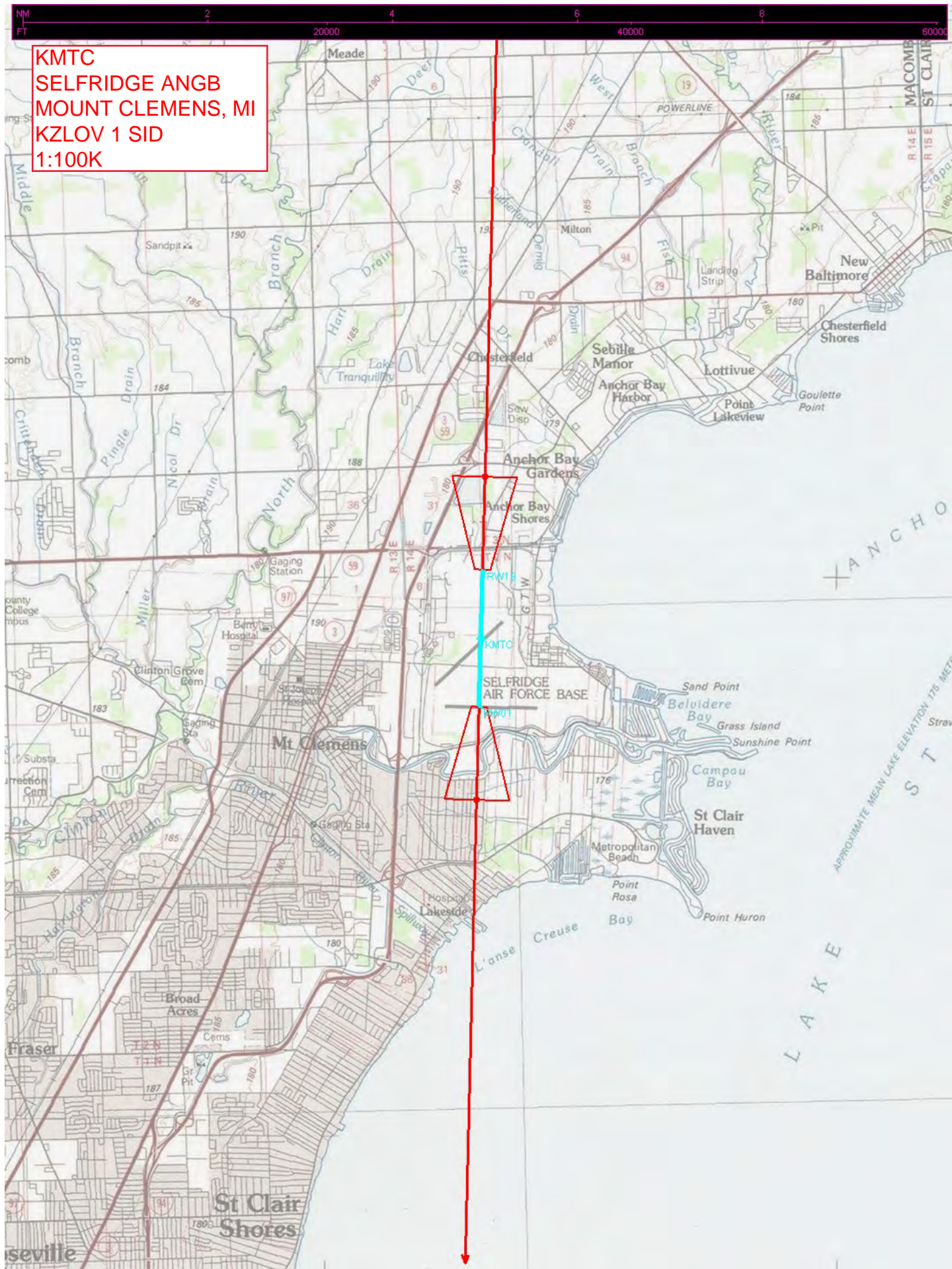
KARB  
ANN ARBOR MUNI  
ANN ARBOR, MI  
KZLOV 1 SID  
1:100K







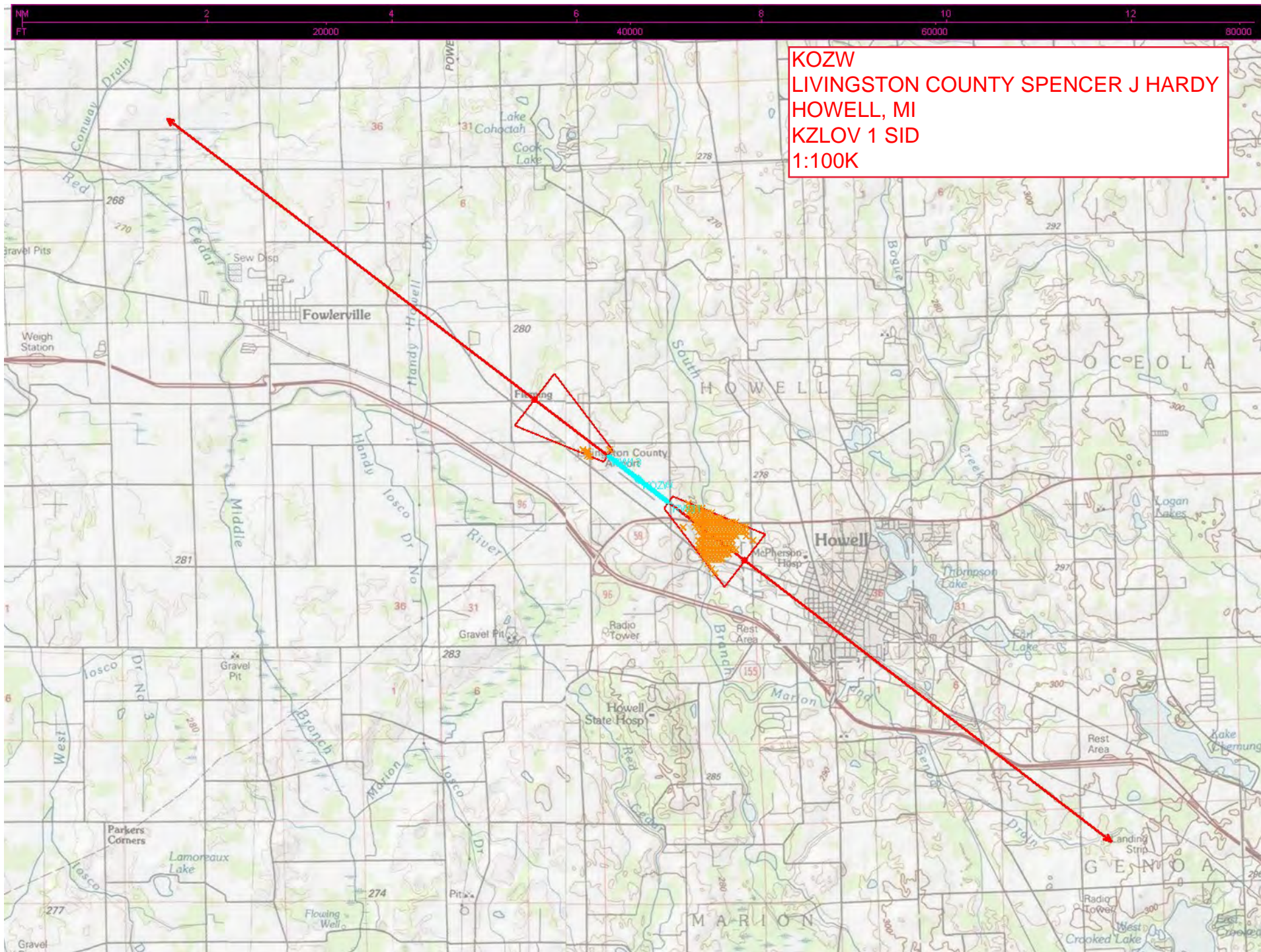






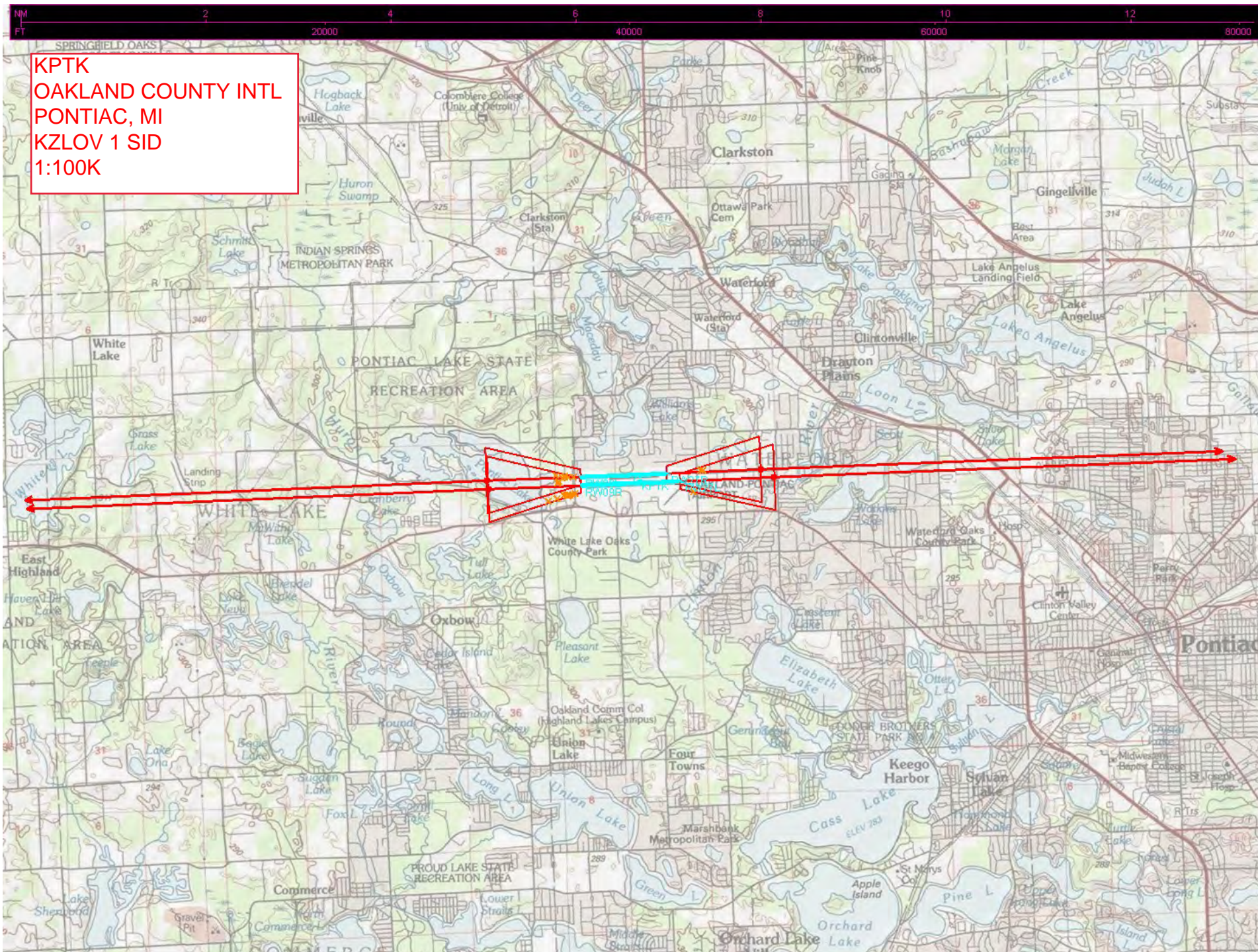
KONZ  
GROSSE ILE MUNI  
DETROIT/GROSSE ILE, MI  
KZLOV 1 SID  
1:100K





KOZW  
LIVINGSTON COUNTY SPENCER J HARDY  
HOWELL, MI  
KZLOV 1 SID  
1:100K

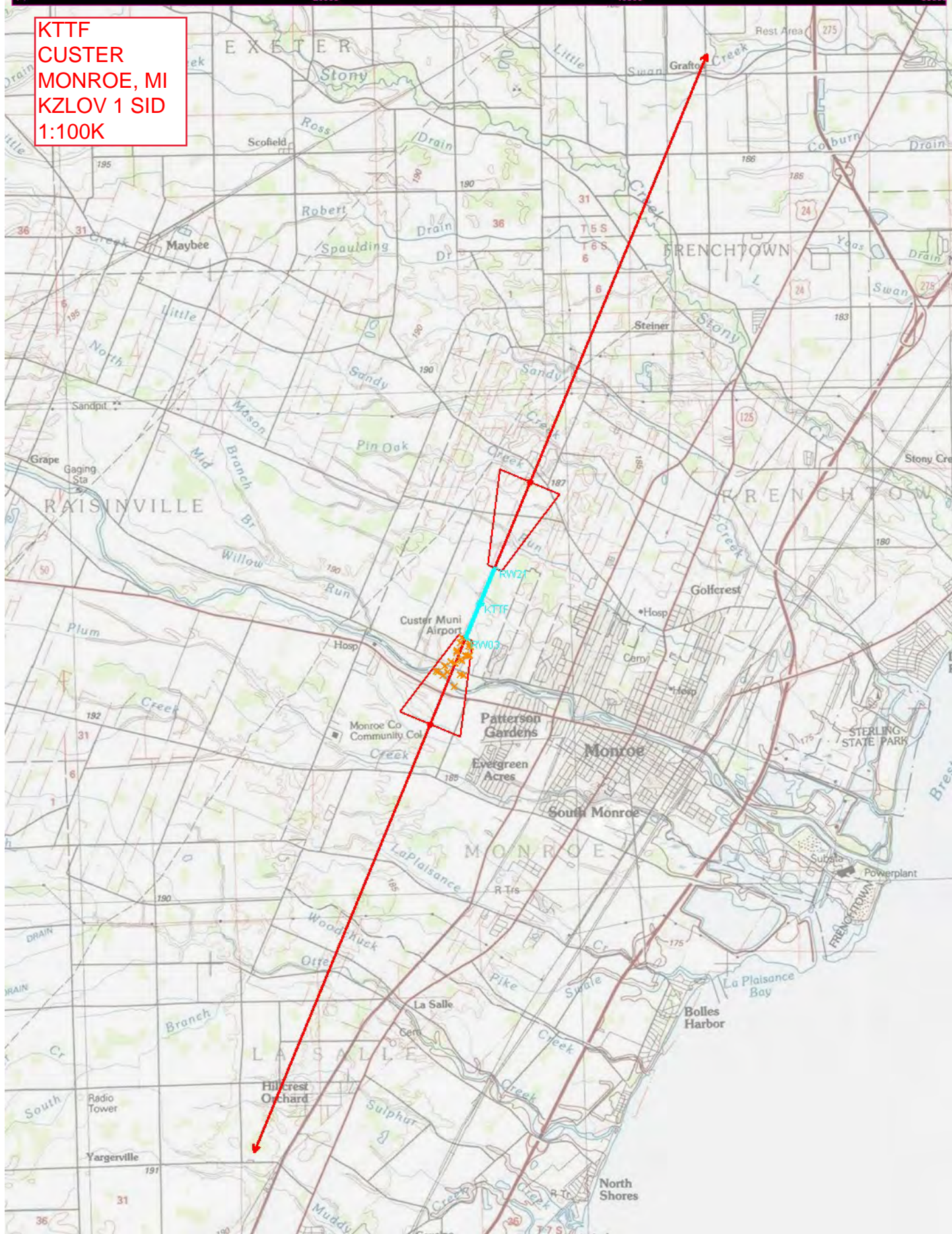




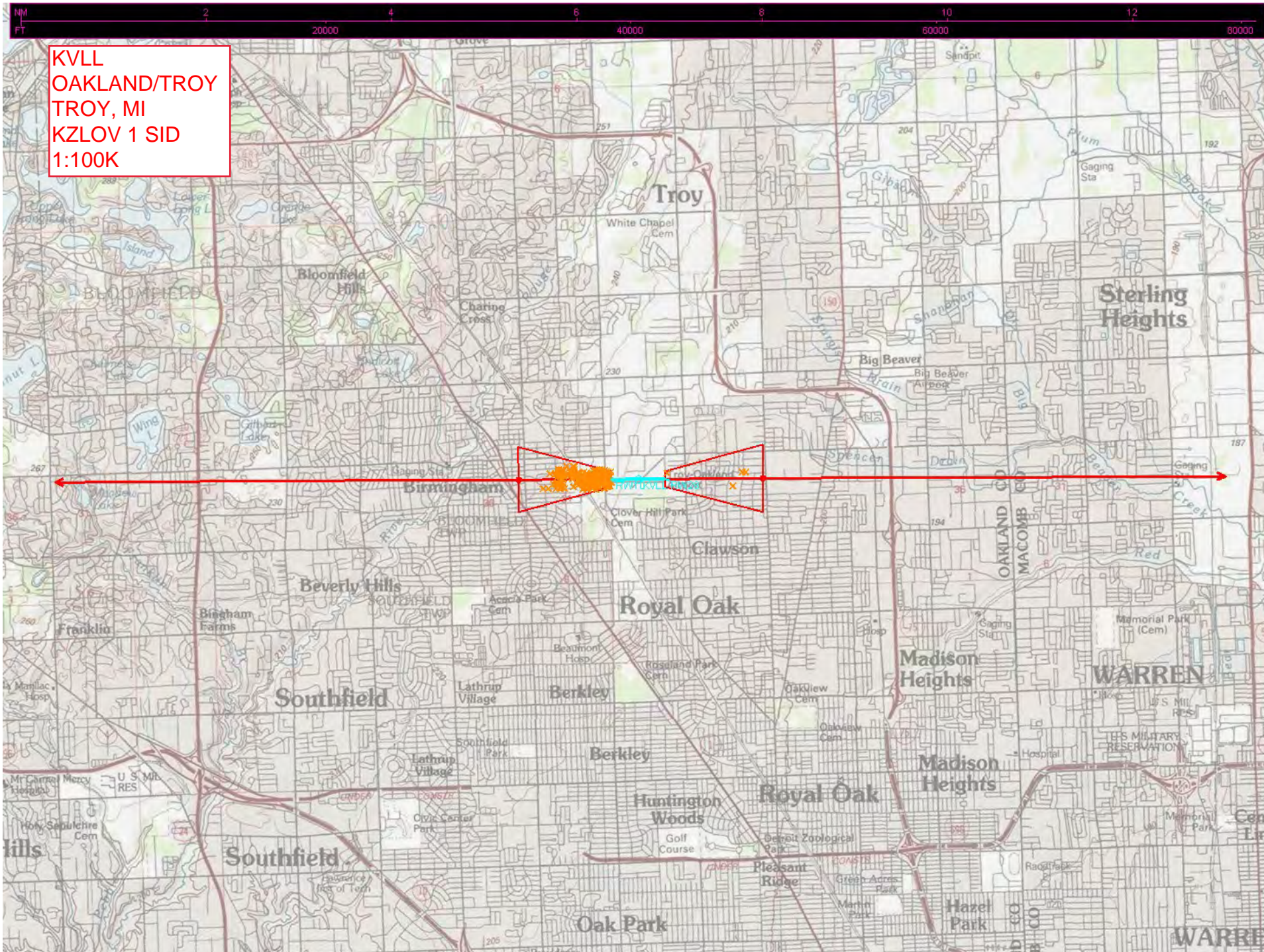
KPTK  
OAKLAND COUNTY INTL  
PONTIAC, MI  
KZLOV 1 SID  
1:100K



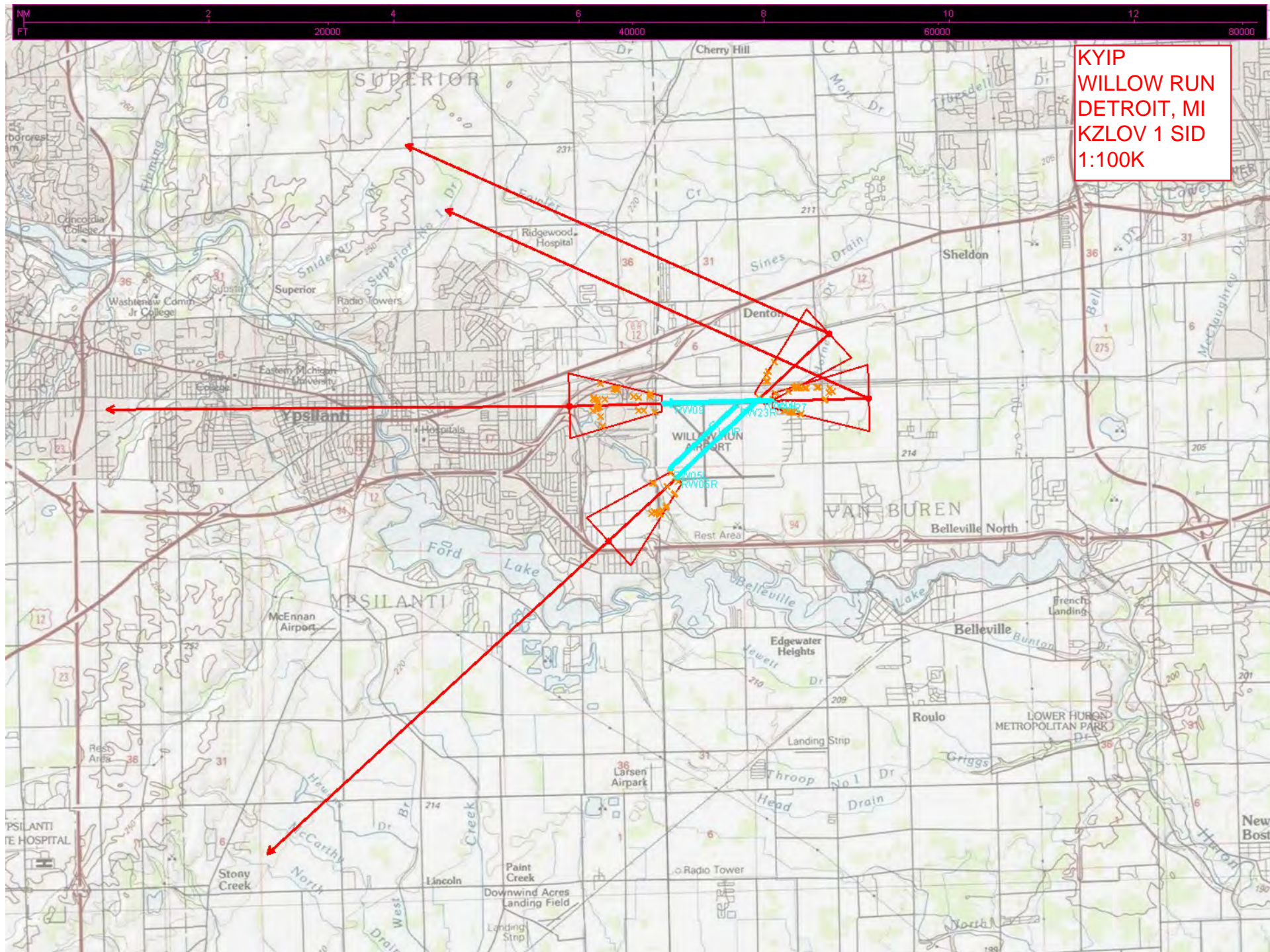
KTTF  
CUSTER  
MONROE, MI  
KZLOV 1 SID  
1:100K













**FEDERAL AVIATION ADMINISTRATION CATEGORICAL  
EXCLUSION DECLARATION**  
**Proposed KZLOV One (RNAV) SID Detroit Metropolitan Wayne County  
Airport, Romulus, MI**

**Description of Action:**

The action adds a new SID which is going to be named the KZLOV ONE (RNAV) SID. The runway transitions of this SID will be identical to the current LIDDS TWO SID and will serve the same airports. The SID will serve the following airports (as does the LIDDS TWO): CYQG, KARB, KDET, KMTC, KONZ, KPTK, KTTF, KVLL, and KYIP. The only part of the SID that is new routing is the segment from **KZLOV to WINNZ**.

**Declaration of Exclusion:**

The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to FAA Order 1050.1F, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1F.

**Basis for this Determination:**

This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1C, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. The applicable categorical exclusions is:

5-6.5 i. Establishment of new or revised air traffic control procedures conducted at 3,000 feet or more above ground level (AGL); procedures conducted below 3,000 feet AGL that do not cause traffic to be routinely routed over noise sensitive areas; modifications to currently approved procedures conducted below 3,000 feet AGL that do not significantly increase noise over noise sensitive areas; and increases in minimum altitudes and landing minima. For modifications to air traffic procedures at or above 3,000 feet AGL, the Noise Screening Tool (NST) or other FAA-approved environmental screening methodology should be applied. (ATO, AVS)

**Concurrence:**

Signature: **GREGORY L HINES** Digitally signed by GREGORY L HINES  
Date: 2021.06.11 13:10:05 -05'00'  
Environmental Protection Specialist, Operations Support Group  
Title: ATO Central Service Center, AJV-C25

**Approved By:**

Signature: \_\_\_\_\_

Title: Manager, Operations Support Group, ATO Central Service Center, AJV-C2