
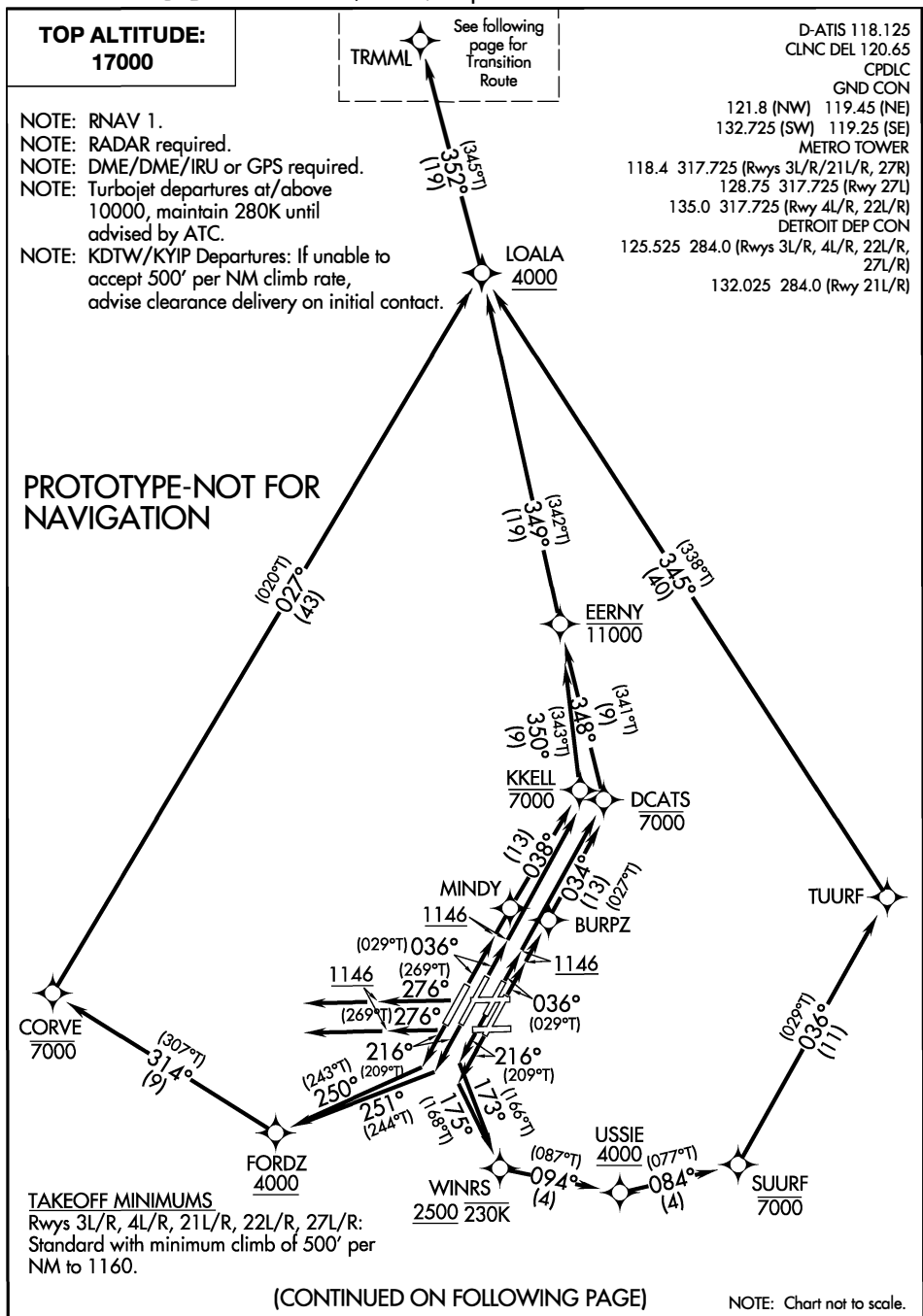


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: SID	Date Open: 10/10/2018	Task #: 2018101026052801011	Request #: 20181010260528
Procedure: SID TRMML (RNAV) TWO DETROIT MI KDTW			Airport ID: KDTW	Airport: DETROIT METROPOLITAN WAYNE COUNTY		Reimbursable #: NO
City: DETROIT	ST: MI	GPS #:	Estimated Chart Date: 08/15/2019		FICO #:	
Fac ID: N/A		Fac. Type:			Specialist: CHRISTINE BAYSE	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	12/26/2018					
QA:						
Liaison:						
Procedure Comments:			ENROUTE	Remark Type: INFORMATION		
DTW METROPLEX. ACTIVE AIRPORT AND RUNWAY DATA USED FOR KDTW. CONTACT: LONNIE EVERHART 405-954-4576 OR WARDELL HENNING 405-436-1902						

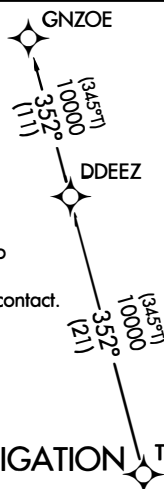
TRMML TWO DEPARTURE (RNAV) Departure Routes

DETROIT, MICHIGAN



**TOP ALTITUDE:
17000**

NOTE: RNAV 1.
 NOTE: RADAR required.
 NOTE: DME/DME/IRU or GPS required.
 NOTE: Turbojet departures at/above 10000, maintain 280K until advised by ATC.
 NOTE: KDTW/KYIP Departures: If unable to accept 500' per NM climb rate, advise clearance delivery on initial contact.



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 3L/R, 4L/R, 22L/R, 27L/R)
 132.025 284.0 (Rwy 21L/R)

PROTOTYPE-NOT FOR NAVIGATION

NOTE: Chart not to scale.

▼ DEPARTURE ROUTE DESCRIPTION SEE ADDITIONAL REQUIREMENTS IN RNAV DEPARTURE AAPP

TAKEOFF RUNWAY 3L: Climb on heading 036° to 1146, then direct to cross DCATS at or below 7000, then on track 348° to cross EERNY at or below 11000, then on track 349° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 3R: Climb on heading 036° to 1146, then direct BURPZ, then on track 034° to cross DCATS at or below 7000, then on track 348° to cross EERNY at or below 11000, then on track 349° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 4L: Climb on heading 036° to 1146, then direct MINDY, then on track 038° to cross KKELL at or below 7000, then on track 350° to cross EERNY at or below 11000, then on track 349° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 4R: Climb on heading 036° to 1146, then direct to cross KKELL at or below 7000, then on track 350° to cross EERNY at or below 11000, then on track 349° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 21L: Climb on heading 216° to intercept course 173° to cross WINRS at or above 2500 and at or below 230K, then on track 094° to cross USSIE at or above 4000, then on track 084° to cross SUURF at or below 7000, then on track 036° to TUURF, then on track 345° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 21R: Climb on heading 216° to intercept course 175° to cross WINRS at or above 2500 and at or below 230K, then on track 094° to cross USSIE at or above 4000, then on track 084° to cross SUURF at or below 7000, then on track 036° to TUURF, then on track 345° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 22L: Climb on heading 216° to intercept course 251° to cross FORDZ at or above 4000, then on track 314° to cross CORVE at or below 7000, then on track 027° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAY 22R: Climb on heading 216° to intercept course 250° to cross FORDZ at or above 4000, then on track 314° to cross CORVE at or below 7000, then on track 027° to cross LOALA at or above 4000, thence

TAKEOFF RUNWAYS 27L/R: Climb on heading 276° to 1146, then on heading 276° or as assigned for RADAR vectors to cross LOALA at or above 4000, thence

. . . . on track 352° to TRMML, then on (transition). Maintain 17000 or as assigned by ATC, expect filed altitude 10 minutes after departure.

GNZOE TRANSITION (TRMML2.GNZOE)

ATTENTION ALL USERS PAGE (AAUP)

1. **PREFLIGHT:** All aircraft capable of conducting terminal RNAV procedures should expect an RNAV SID clearance. If unable to accept the RNAV SID clearance, notify Clearance Delivery. Upon receipt of your Air Traffic Control (ATC) clearance, crosscheck the assigned RNAV SID, Departure Runway, and En Route Transition, as loaded into and depicted by your navigation system, against your clearance. Ensure that the sequencing of waypoints loaded in the FMS matches the waypoints on the appropriate chart(s). Do not modify or manually construct RNAV procedures. Ensure all transitions are loaded correctly.
2. **BEFORE TAKEOFF:** Ensure that the Departure Runway assigned on taxi, RNAV SID, and En Route Transition are depicted by your navigation system. Extra attention should be given to runway changes and revised ATC clearances. Pilots of aircraft equipped with electronic navigation map displays must verify that the aircraft symbol relative to the runway symbol, lateral track, and depicted route agree with your clearance. Pilots should ensure the waypoints sequence depicted by the navigational system matches the route depicted on the appropriate chart(s) and the altitude set in the altitude window matches the TOP ALTITUDE of the SID, unless amended by ATC. For navigation systems with ROUTE and LEGS pages, the LEGS page should be used to verify routing. If unable to comply with the RNAV SID, advise ATC prior to takeoff and request an amended clearance.
3. **LINE UP/TAKEOFF:** Pilots can expect a takeoff clearance from ATC that will provide instructions to depart the runway either via an RNAV path or via a radar vector. A RNAV path takeoff clearance will direct aircraft to fly the required RNAV path to the initial waypoint on the SID in the ATC clearance. A typical takeoff clearance, for example, will state "Delta 123, RNAV to SAAMS, Runway 22L, Cleared for Takeoff". After verifying that the correct runway and departure are loaded and that the correct lateral navigation mode is available and ready for use after takeoff, the expected pilot response is, "Delta 123, RNAV to SAAMS, Runway 22L, Cleared for Takeoff". If the takeoff clearance does not match the planned/loaded procedure, request an initial heading from tower or refuse the takeoff clearance until the discrepancy is resolved.
4. **AFTER TAKEOFF:** Unless instructed to fly a heading by the Tower, engage lateral navigation flight guidance as soon as practical and fly the departure precisely. Strict compliance with the lateral and vertical tracks and charted speed restrictions is imperative. Parallel RNAV departures must not encroach on the airspace between parallel runway centerlines without specific ATC clearance. Manually intervene if necessary to stay on track to avoid transgressing in the direction of a parallel track. If unable to comply with the SID profile, immediately notify ATC.

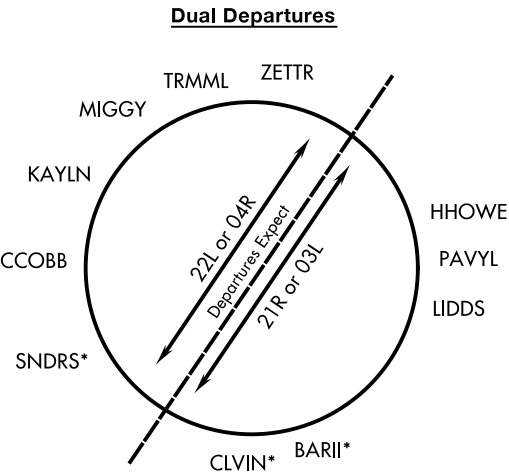
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ATTENTION ALL USERS PAGE (AAUP)

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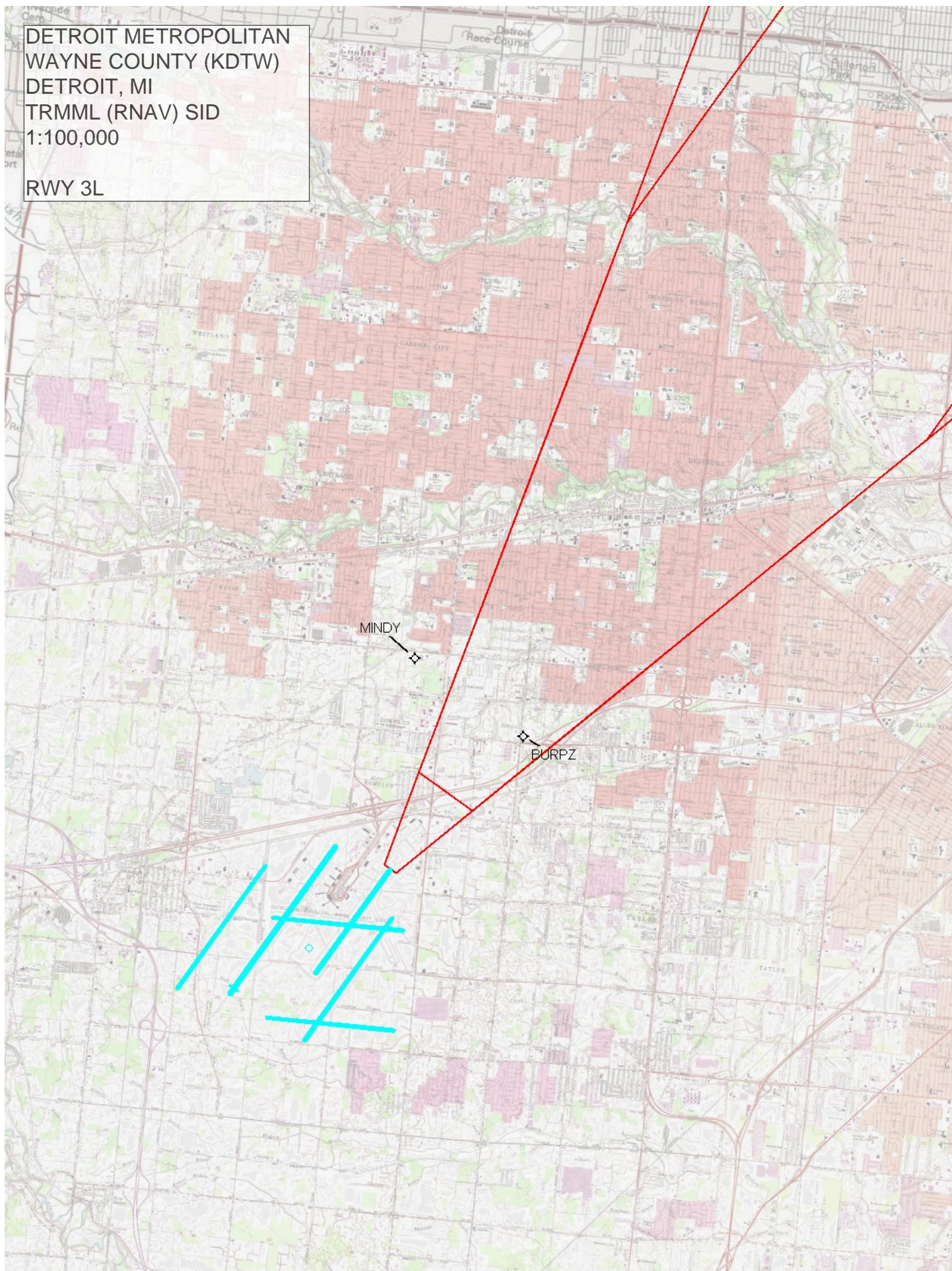
5. **SPECIFIC INFORMATION:** Detroit will utilize RNAV departures in dual runway operations all hours of the day, seven days of the week. All properly equipped aircraft should expect to fly a DETROIT RNAV DEPARTURE. Headings may be issued in lieu of an RNAV off the ground take off clearance. Pilots may anticipate a runway assignment based upon the information below, however runway assignments will be issued on initial contact with Ground Control.

Expected Runway Assignment for Dual Departure Operations

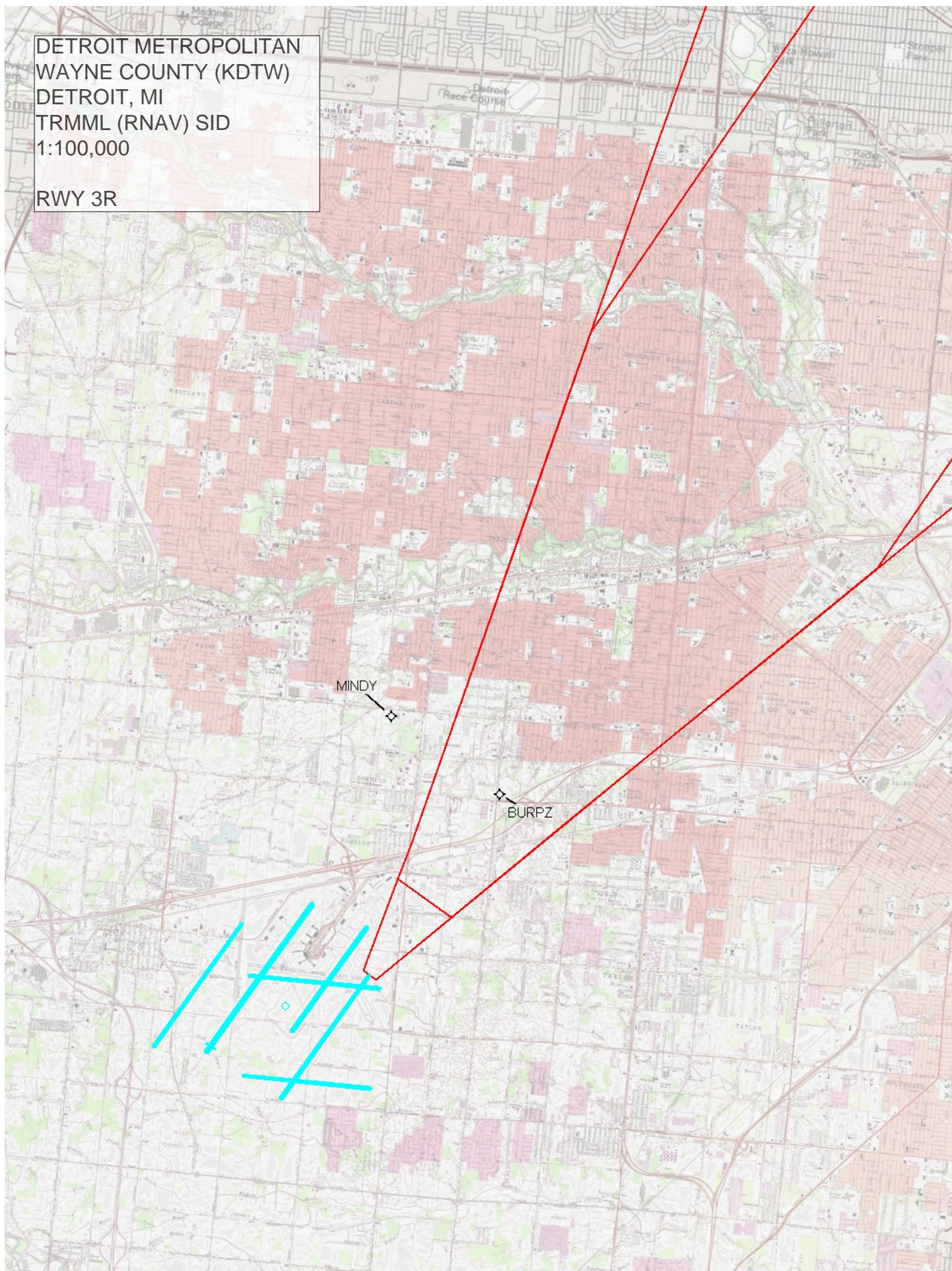


* Runway assignment may vary depending on traffic

DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000
RWY 3L

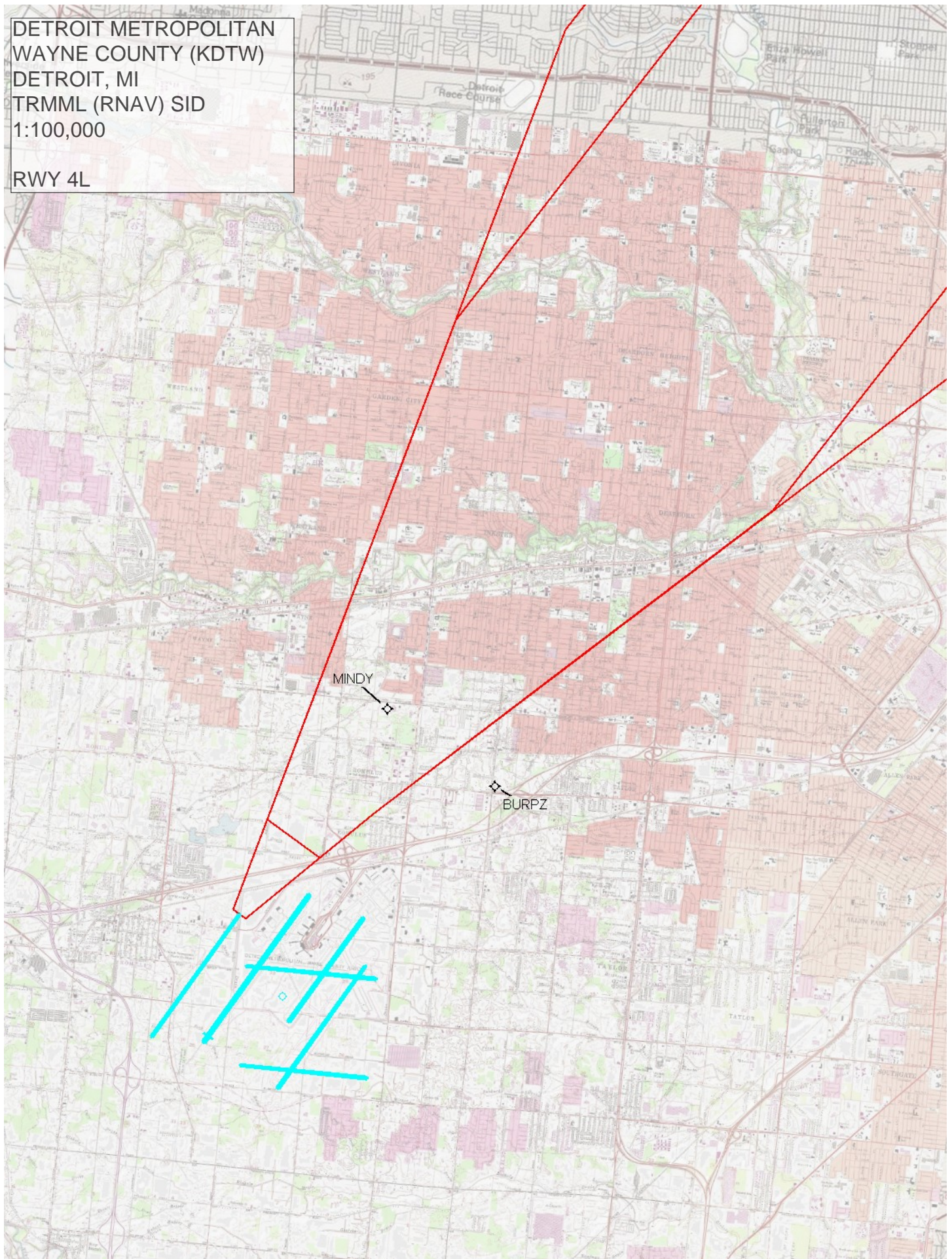


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000
RWY 3R



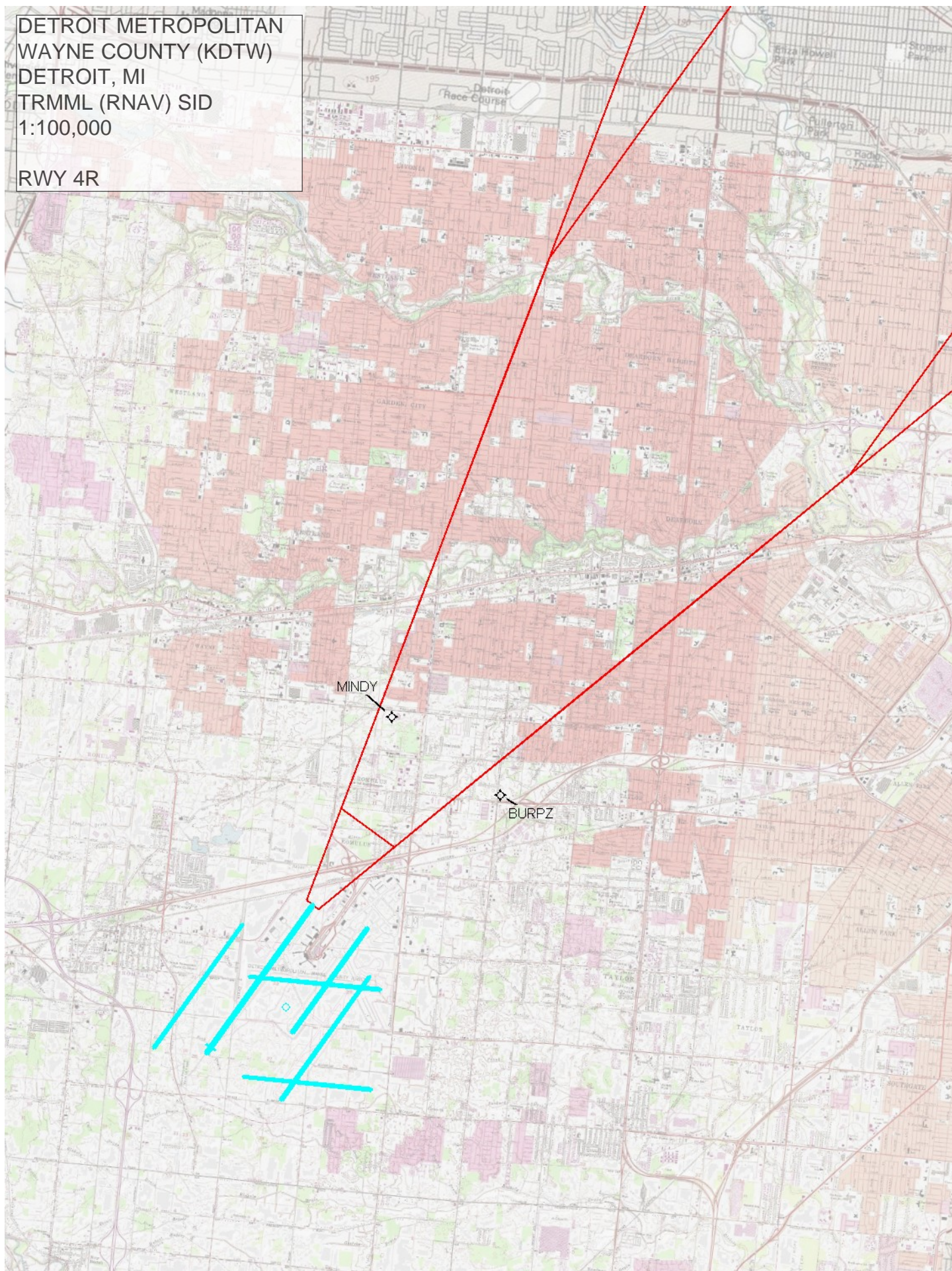
DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000

RWY 4L

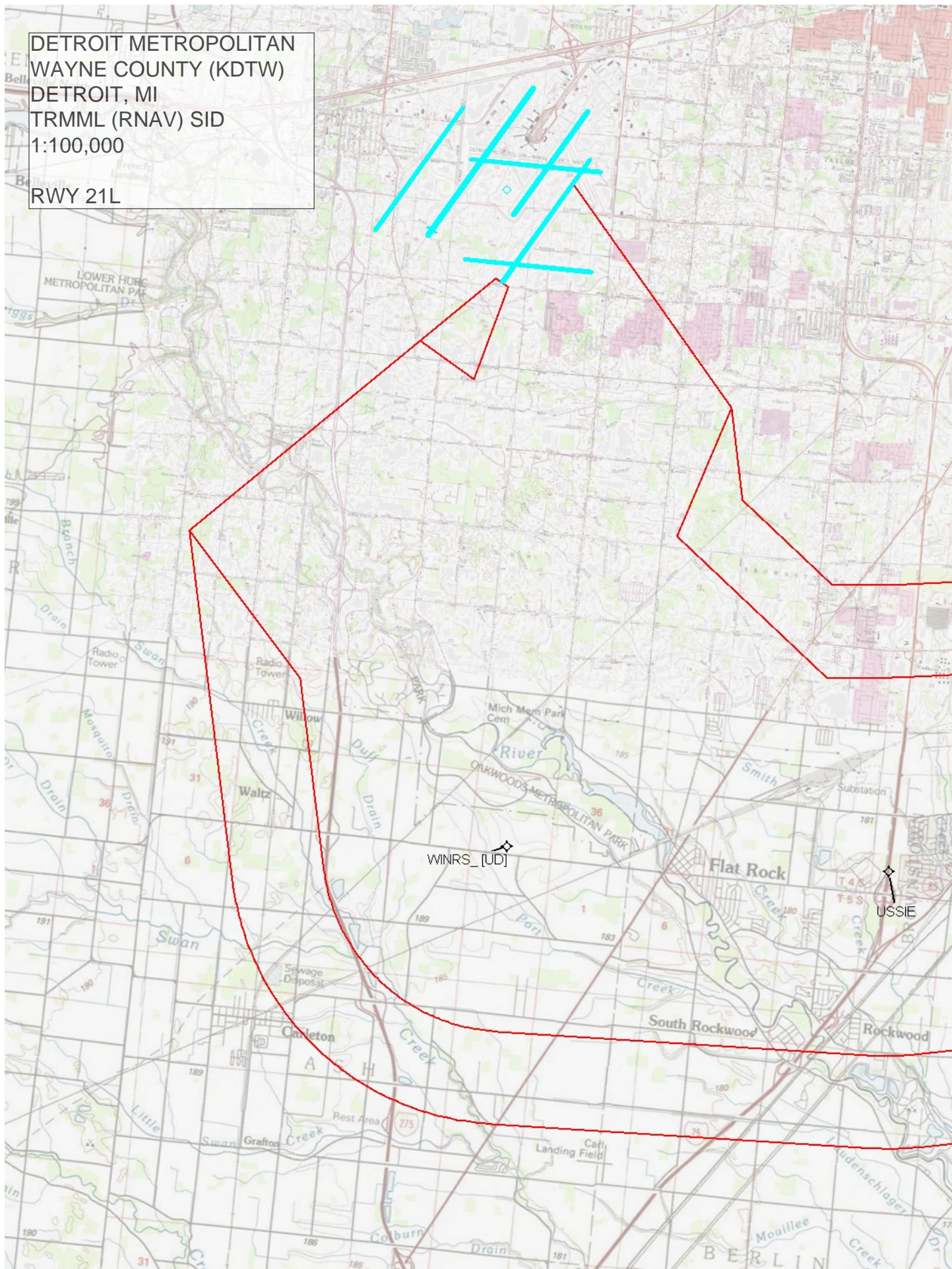


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000

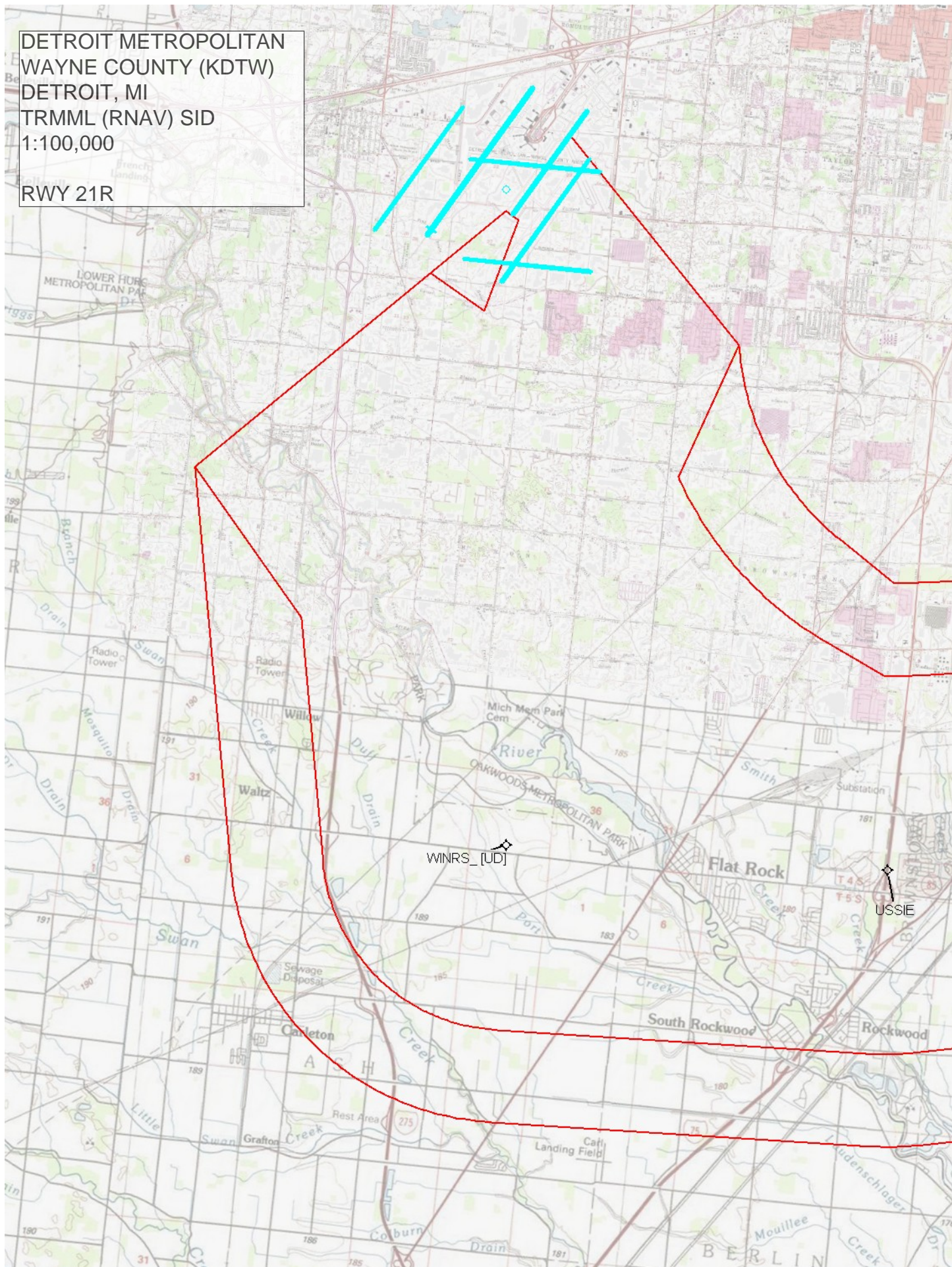
RWY 4R



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000
RWY 21L

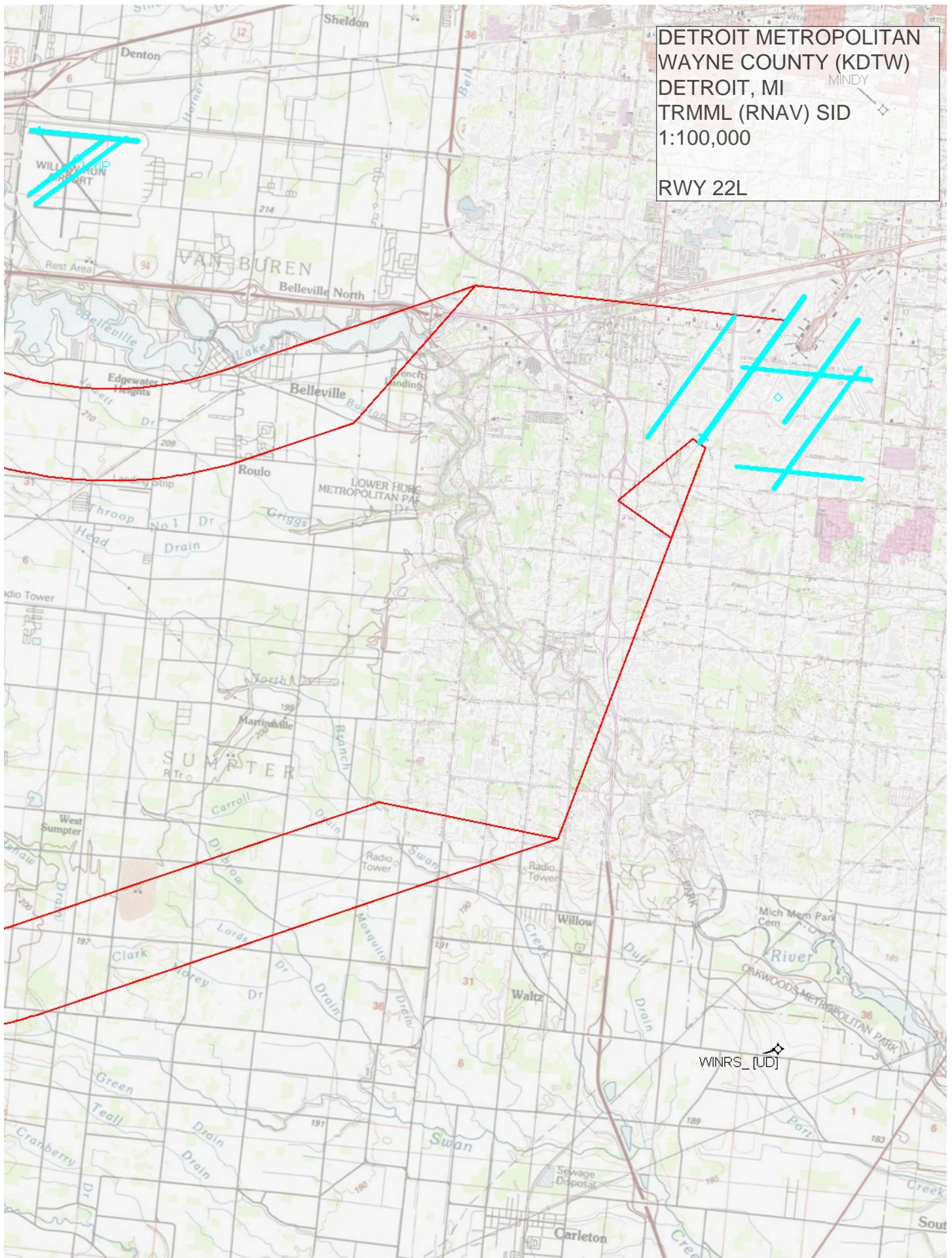


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000
RWY 21R

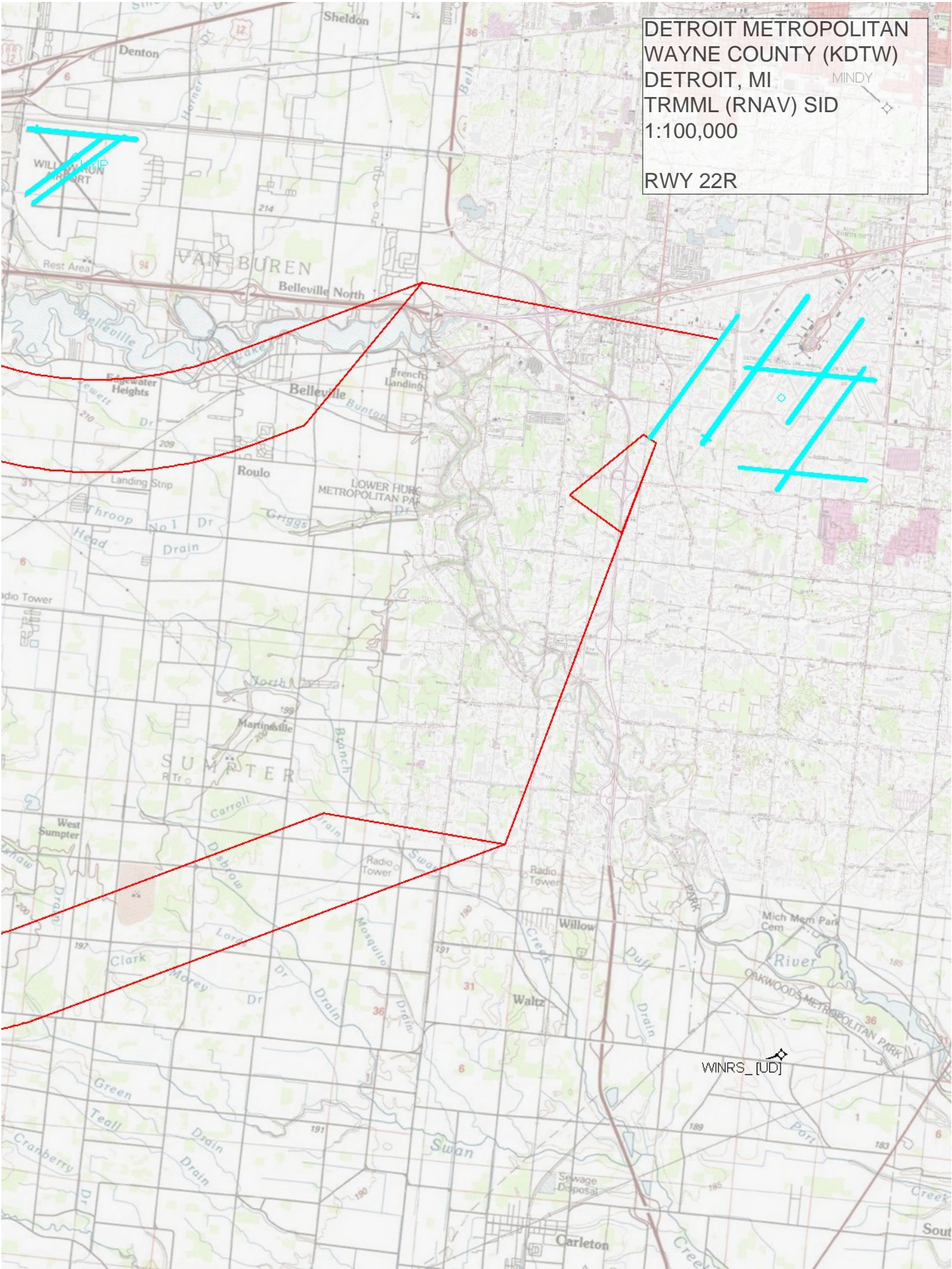


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000

RWY 22L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:100,000
RWY 22R



RWY 3L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000

RWY 4L

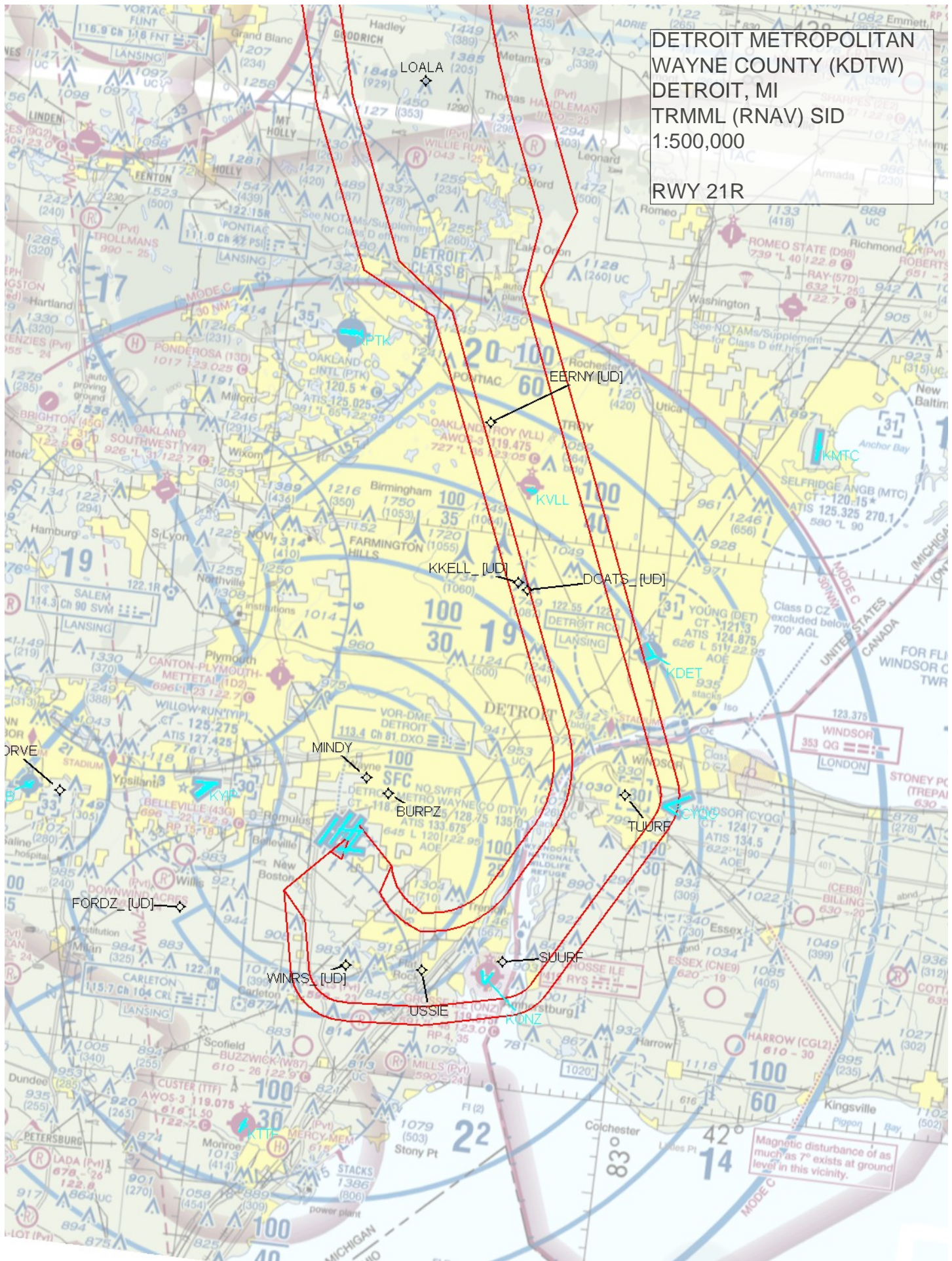


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000
RWY 4R

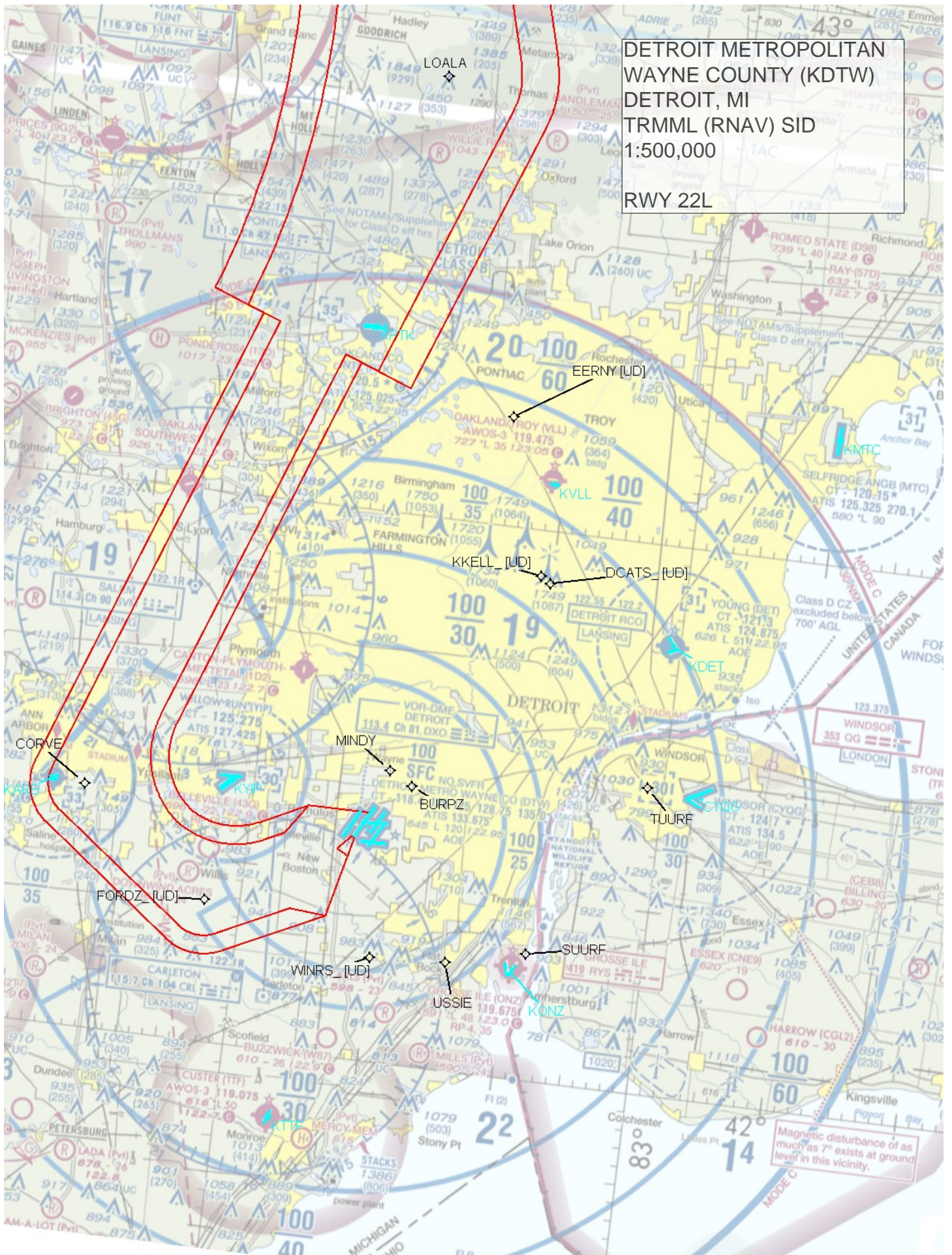
RWY 21L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000
RWY 21R



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000
RWY 22L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000
RWY 22R

DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
TRMML (RNAV) SID
1:500,000
GNZOE TRANSITION

GNZOE & DDEEZ TOWER (1649)
26-002919

DDEEZ [UDI]

TRMML [UDI]

Vector SID Controller TOWER (1849)
26-000965

LOALA