
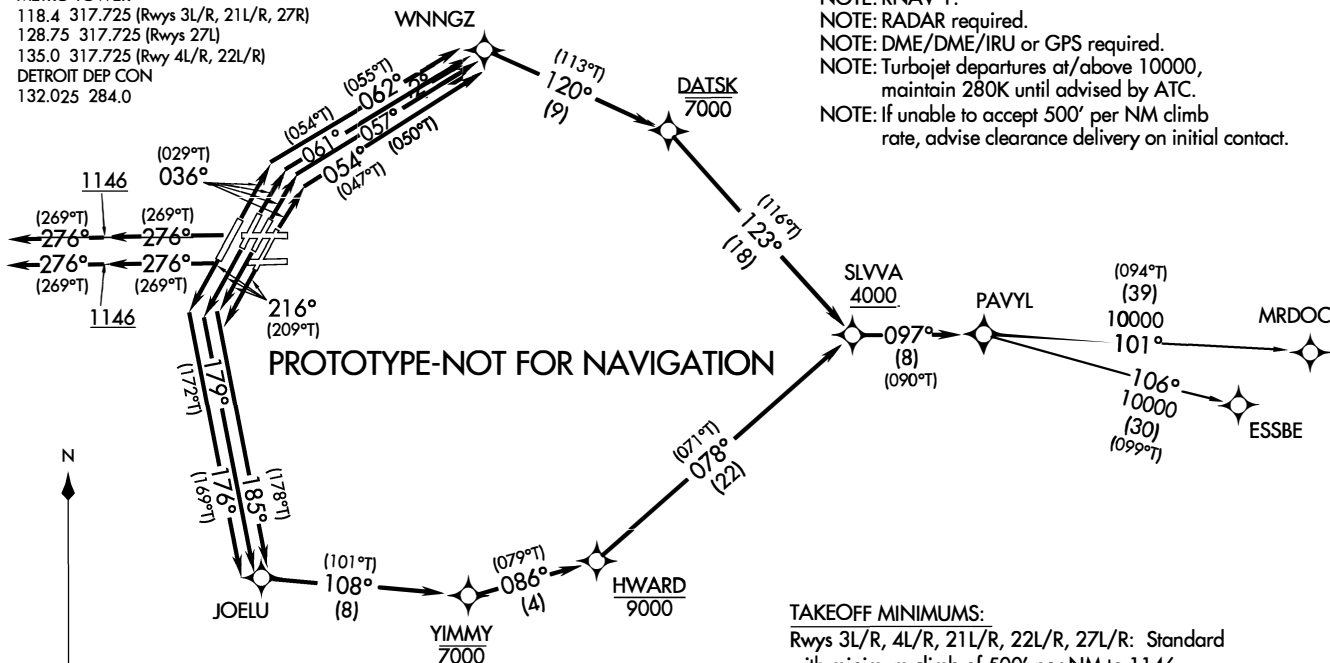


Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: SID	Date Open: 10/10/2018	Task #: 2018101026052801009	Request #: 20181010260528
Procedure: SID PAVYL (RNAV) TWO DETROIT MI KDTW			Airport ID: KDTW	Airport: DETROIT METROPOLITAN WAYNE COUNTY		Reimbursable #: NO
City: DETROIT	ST: MI	GPS #:	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						

TOP ALTITUDE:
17000

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 (Rwys 27L)
135.0 317.725 (Rwy 4L/R, 22L/R)
DETROIT DEP CON
132.025 284.0

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: If unable to accept 500' per NM climb
rate, advise clearance delivery on initial contact.



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

NOTE: Chart not to scale.

(NARRATI EVON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION**SEE ADDITIONAL REQUIREMENTS IN RNAV DEPARTURE AAUP**

TAKEOFF RUNWAY 3L: Climb on heading 036° to intercept course 057° to WNNGZ, then on track 120° to cross DATSK at or below 7000, then on track 123° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAY 3R: Climb on heading 036° to intercept course 054° to WNNGZ, then on track 120° to cross DATSK at or below 7000, then on track 123° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAY 4L: Climb on heading 036° to intercept course 062° to WNNGZ, then on track 120° to cross DATSK at or below 7000, then on track 123° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAY 4R: Climb on heading 036° to intercept course 061° to WNNGZ, then on track 120° to cross DATSK at or below 7000, then on track 123° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAYS 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 078° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAY 22L: 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 078° to cross SLVVA at or above 4000, thence....

TAKEOFF RUNWAY 22R: Climb on heading 216° to intercept course 176° 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 078° to cross SLVVA at or above 4000, thence....

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

....on track 097° to PAVYL, then on (transition). Maintain 17000 or as assigned by

ATC, expect filed altitude 10 minutes after departure.

ESSBE TRANSITION (PAVYL2.ESSBE)

MRDOC TRANSITION (PAVYL2.MRDOC)

PROTOTYPE-NOT FOR NAVIGATION

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.

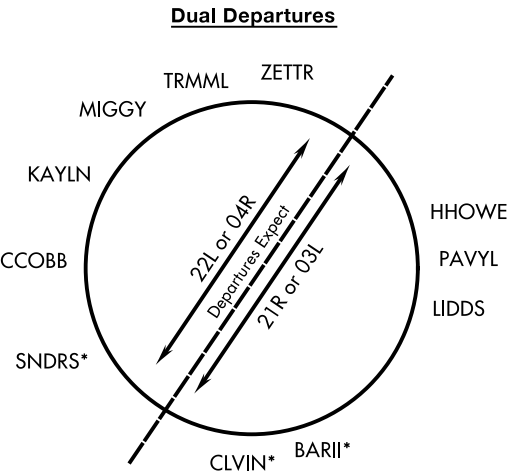
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ATTENTION ALL USERS PAGE (AAUP)

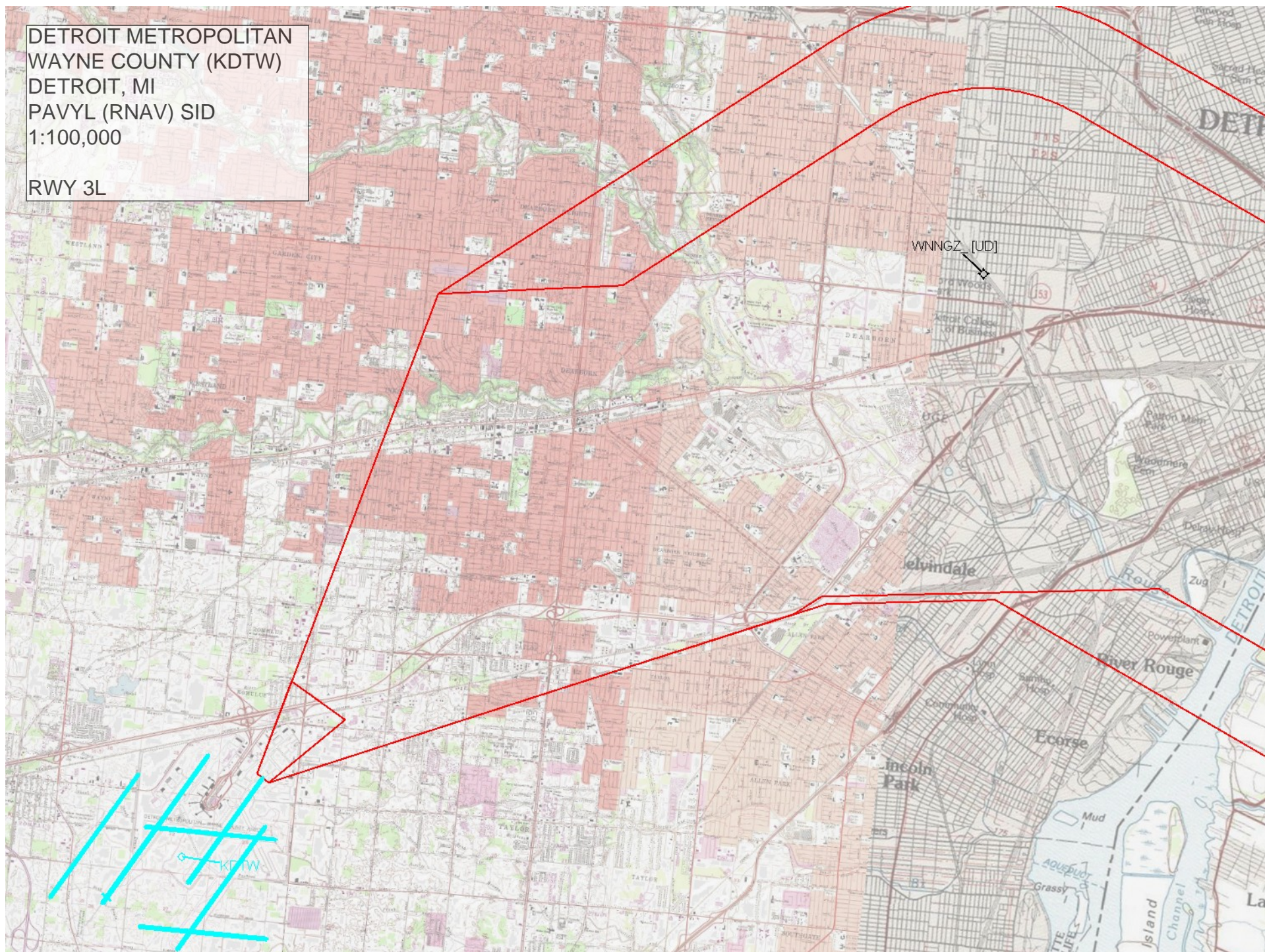
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5. **SPECIFIC INFORMATION:** Detroit will utilize RNAV departures in dual runway operations all hours of the day, seven days of the week. All properly equipped aircraft should expect to fly a DETROIT RNAV DEPARTURE. Headings may be issued in lieu of 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.

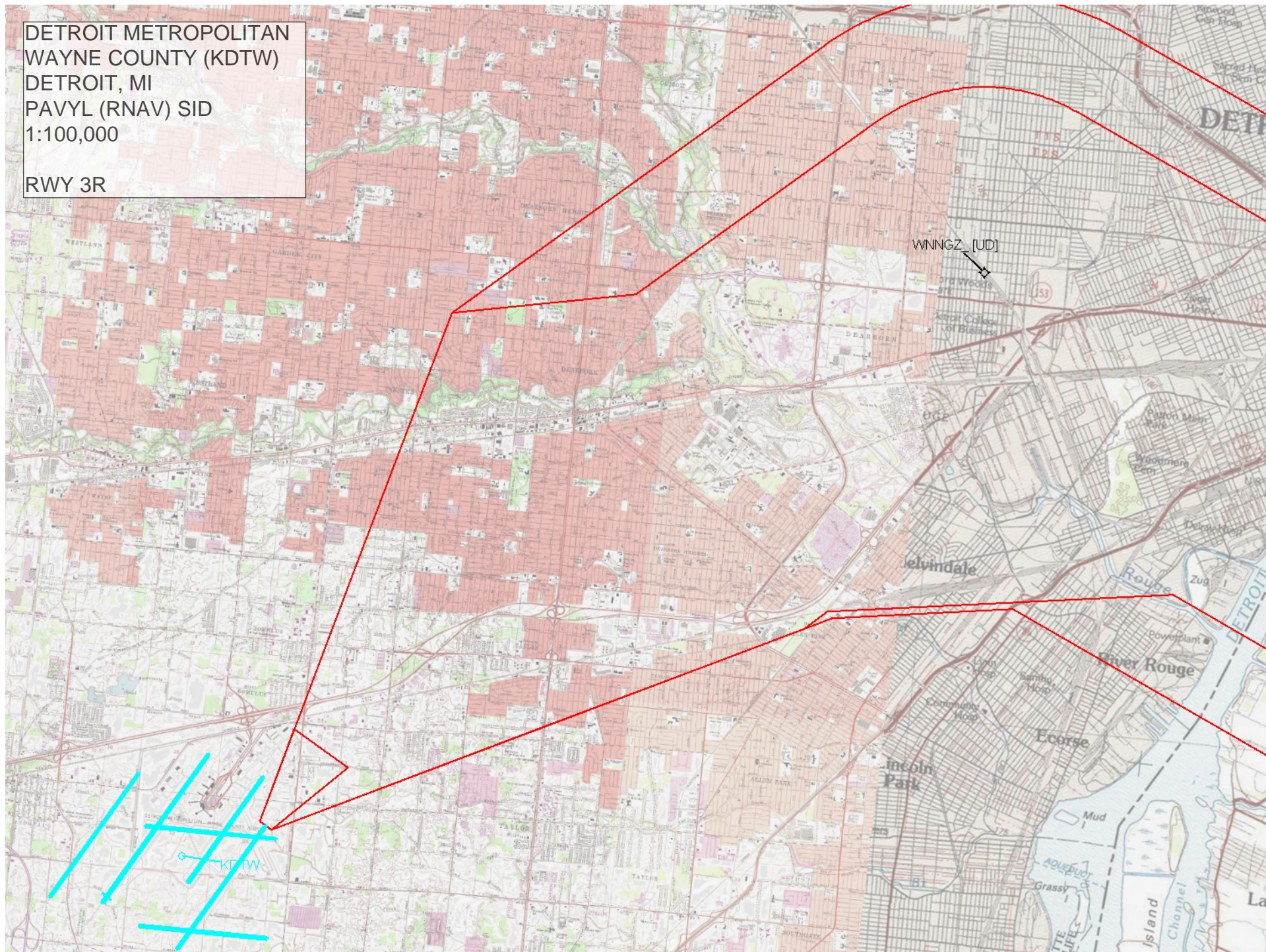
Expected Runway Assignment for Dual Departure Operations



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

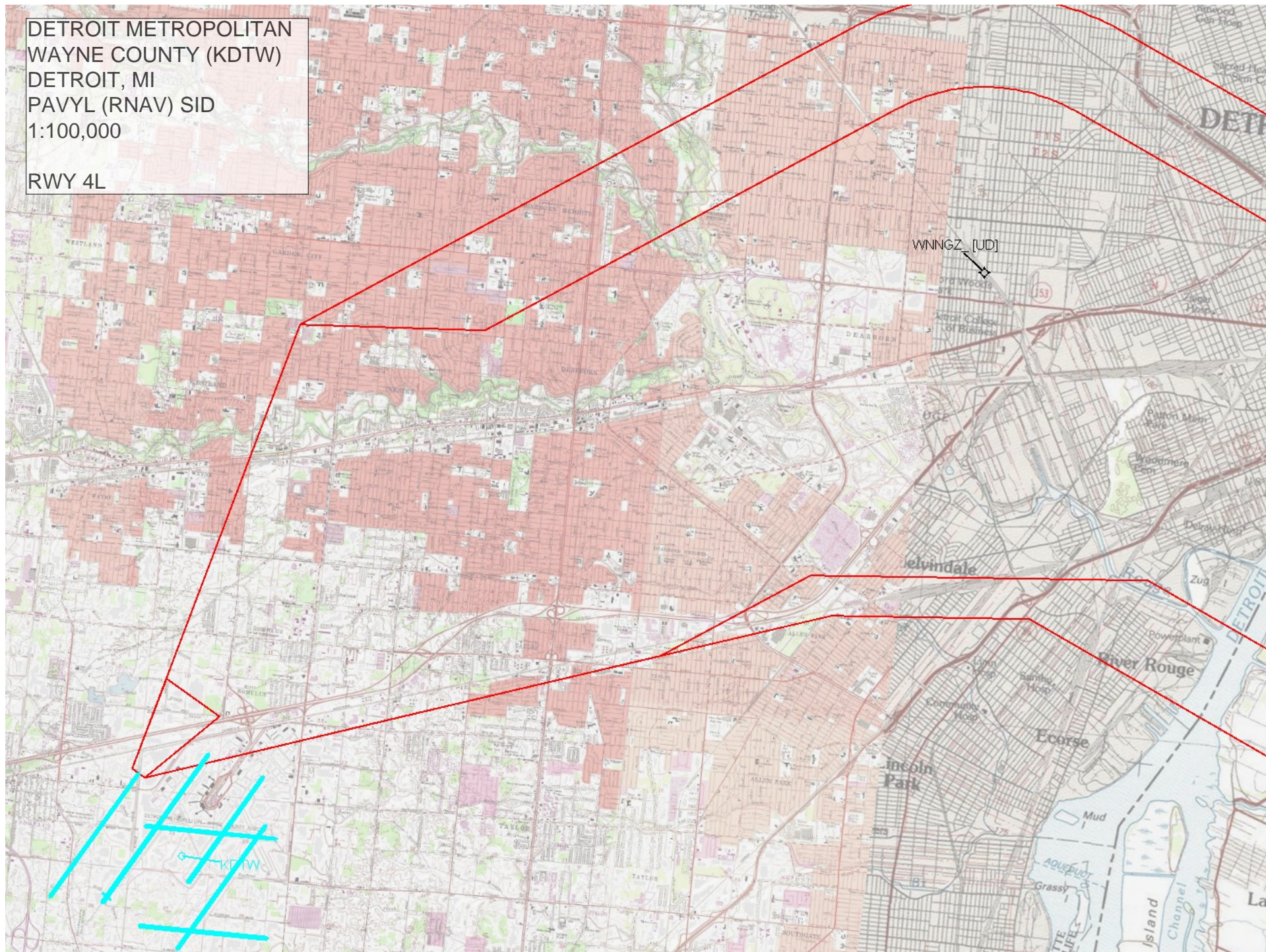


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000
RWY 3R

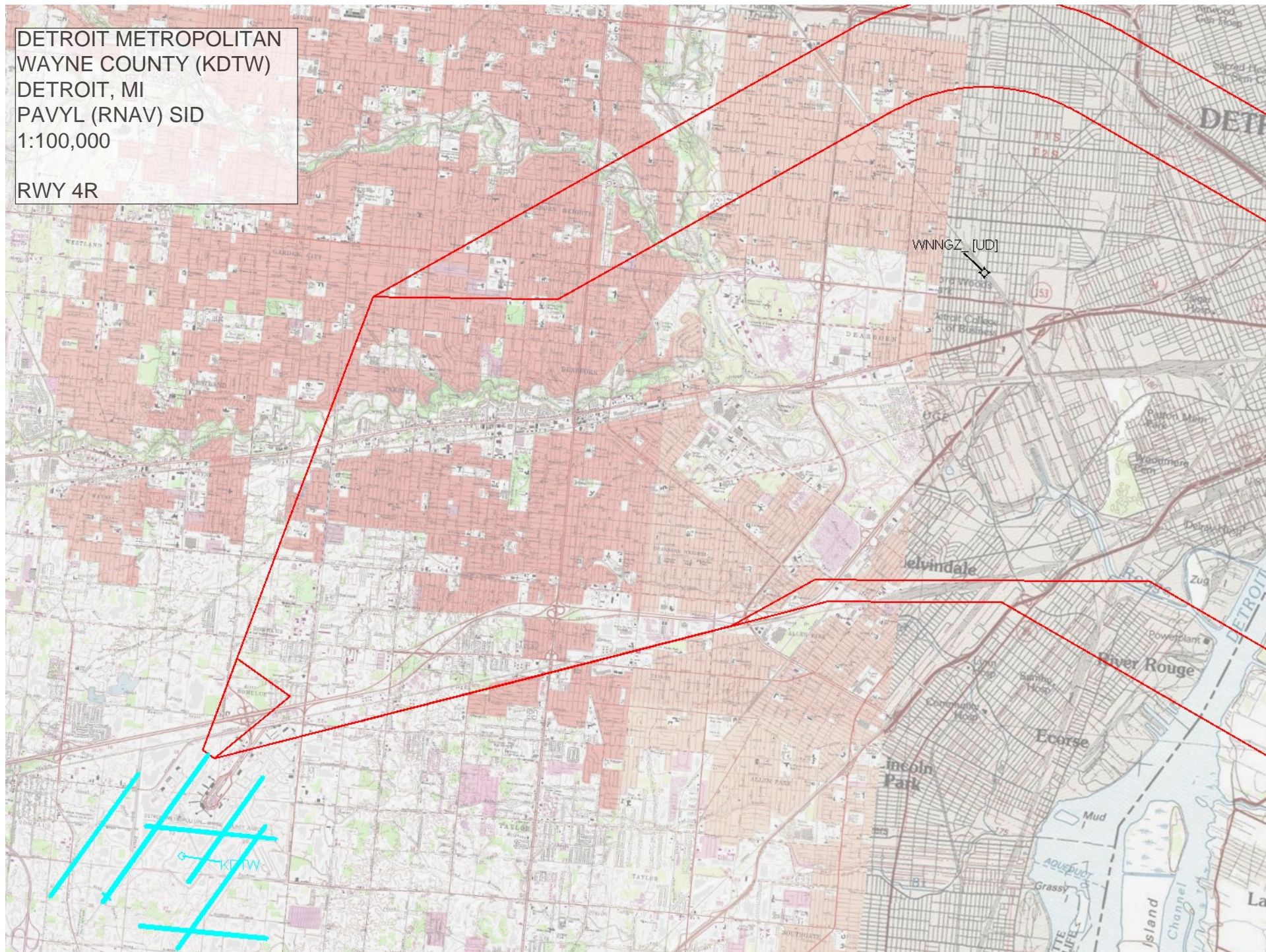


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000

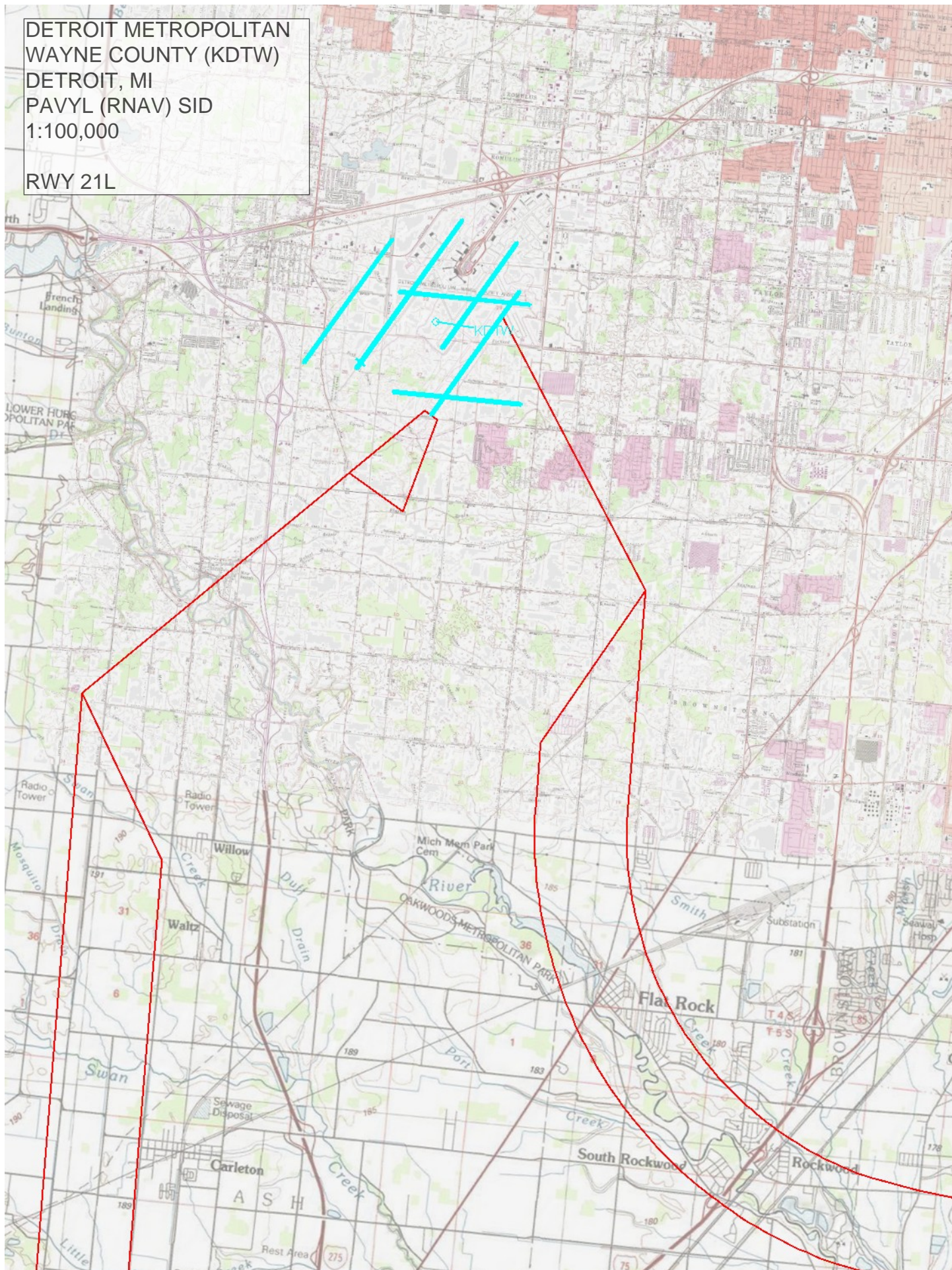
RWY 4L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000
RWY 4R

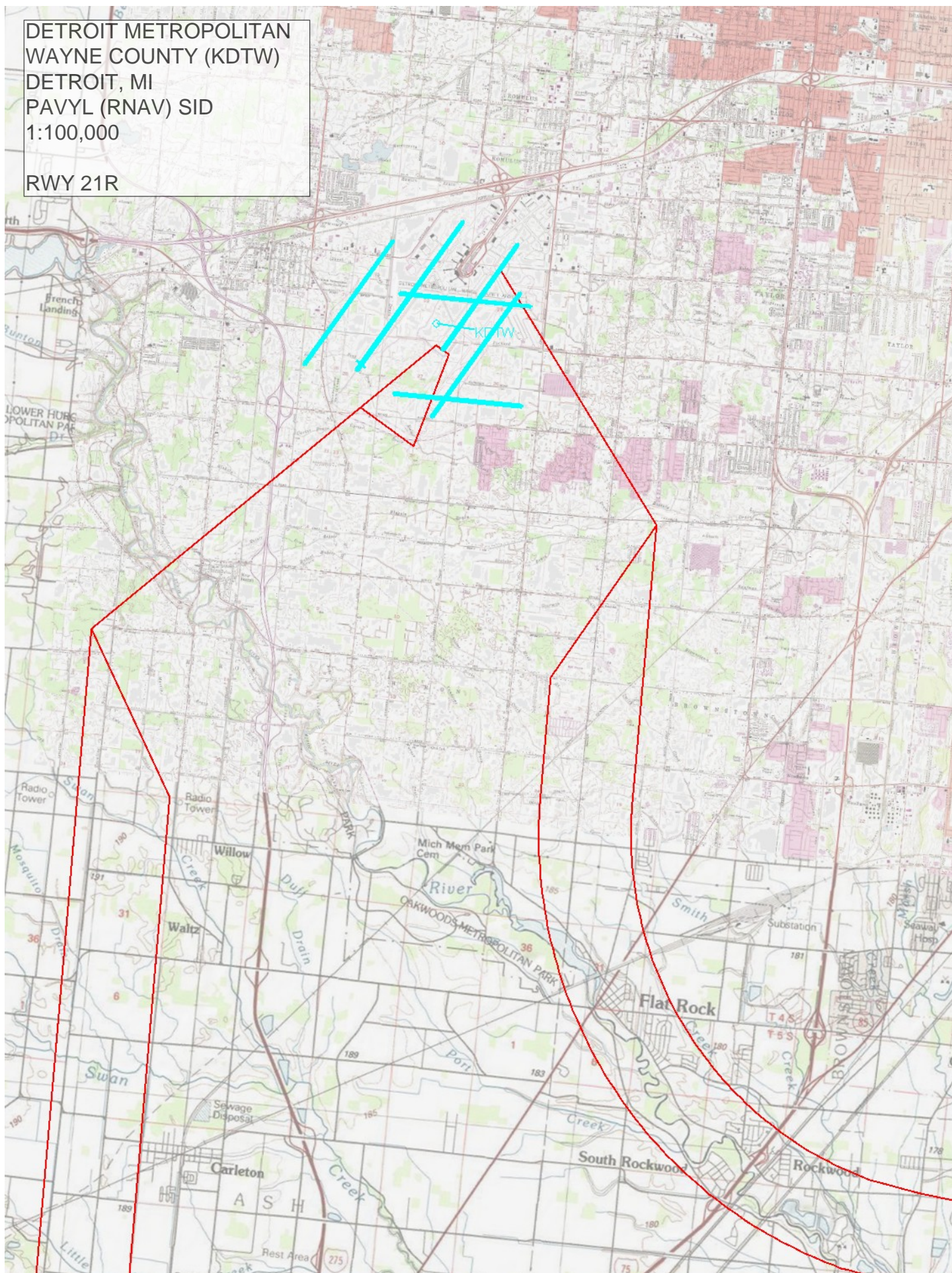


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000
RWY 21L



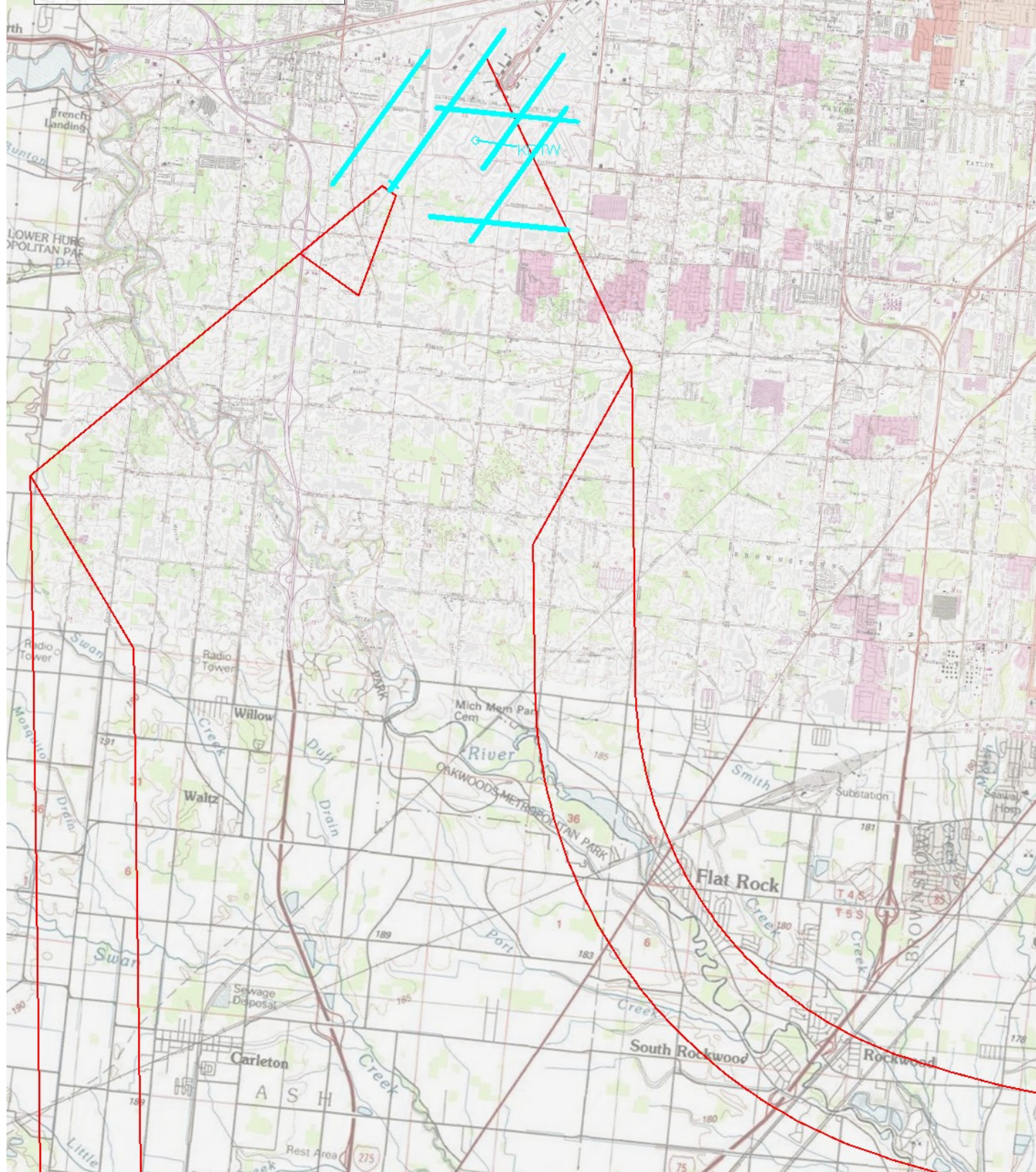
DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000

RWY 21R



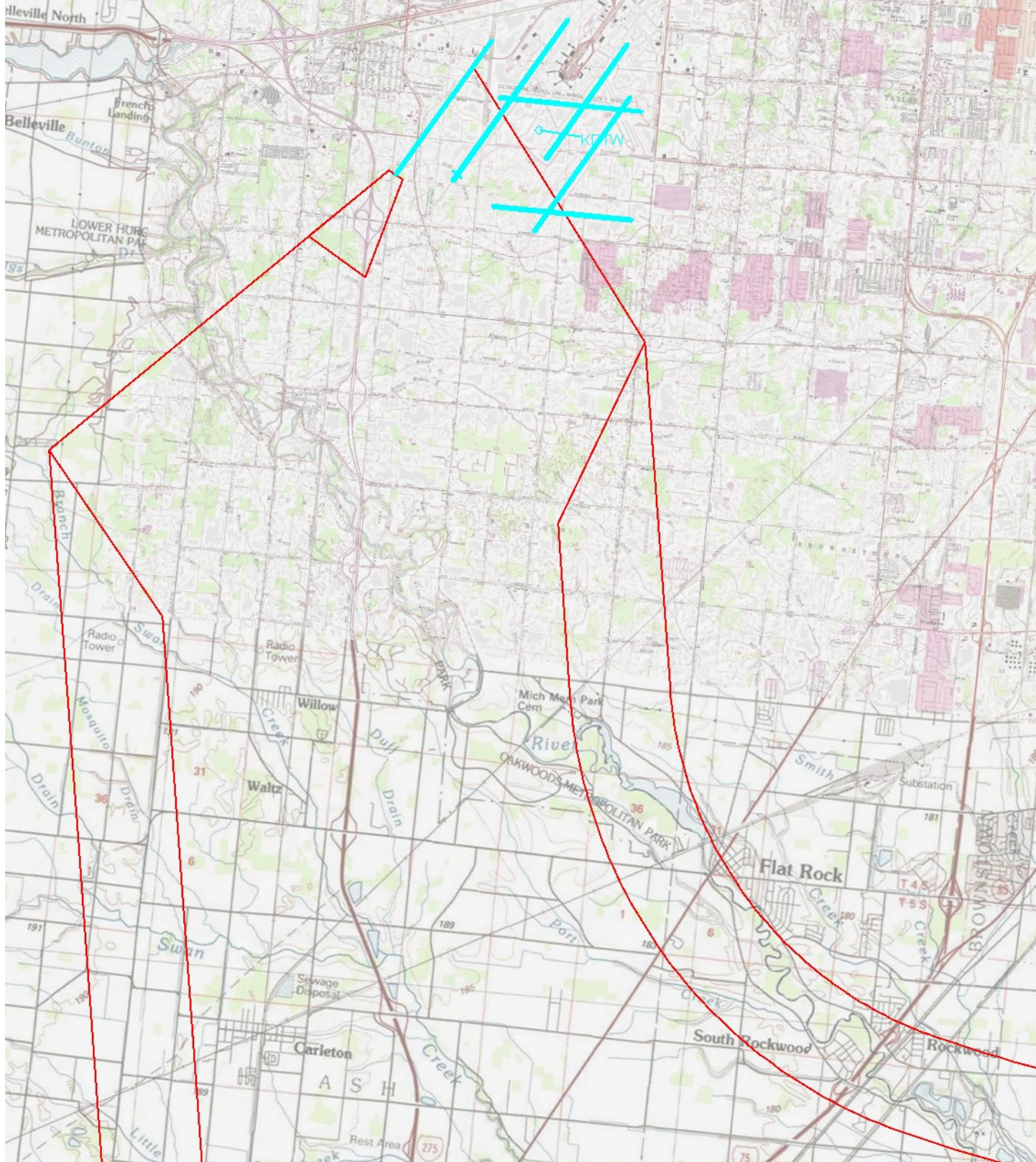
DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:100,000

RWY 22L



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

RWY 22R



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)

DETROIT, MI

PAVYL (RNAV) SID

1:500,000

RWY 3L



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:500,000
RWY 3R



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

DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)

DETROIT, MI

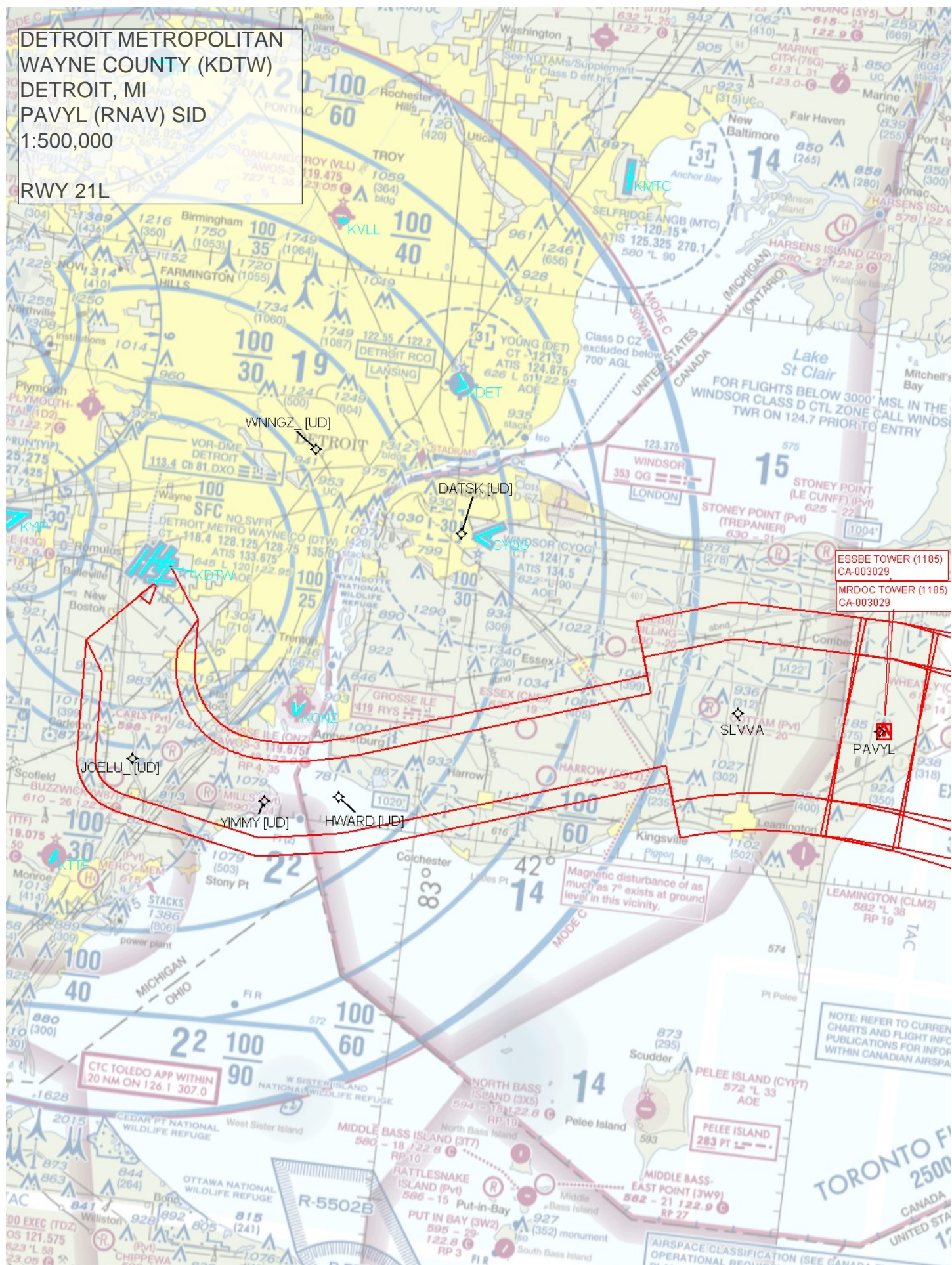
PAVYL (RNAV) SID

1:500,000

RWY 4R



RWY 21L

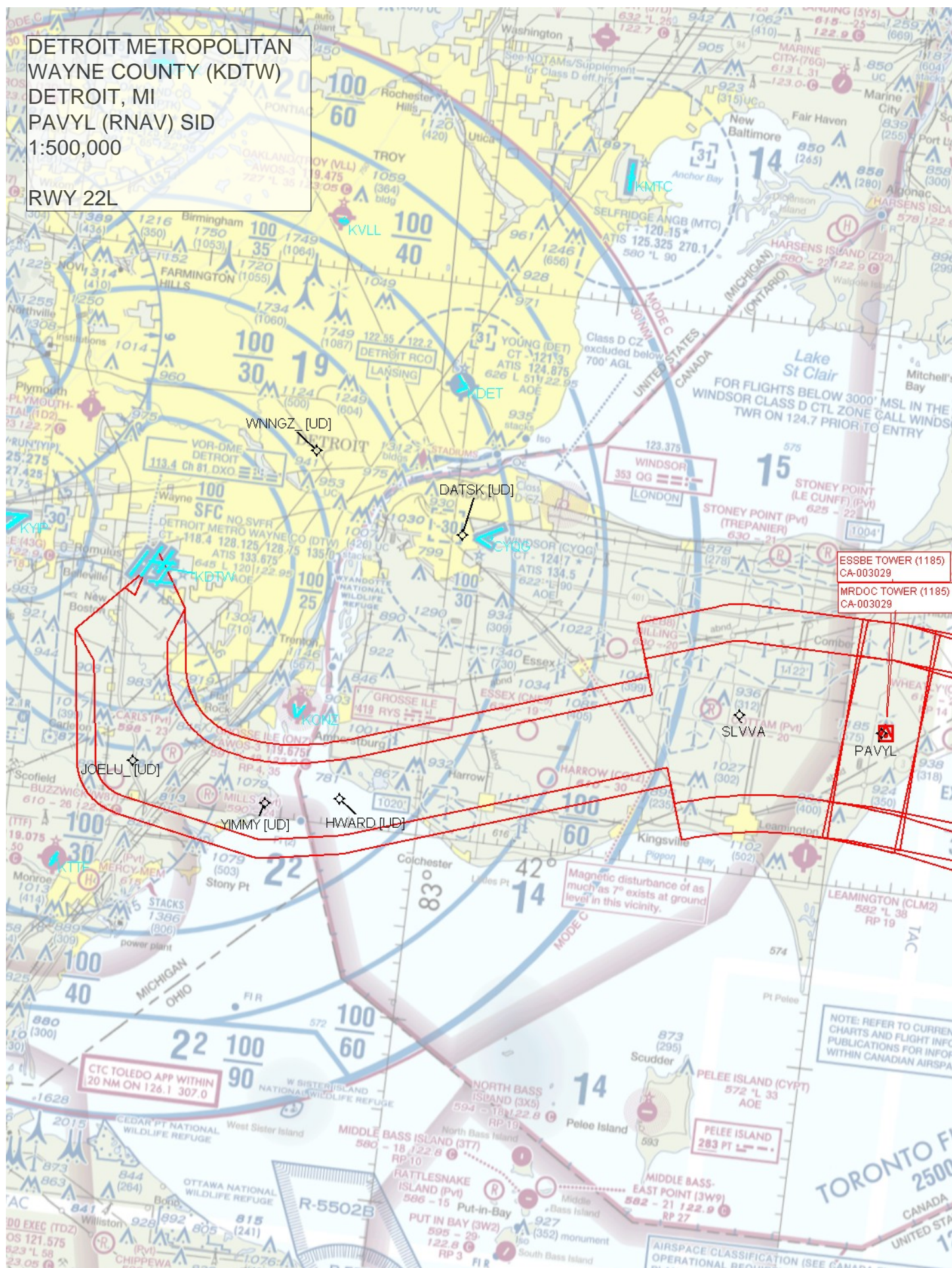


RWY 21R

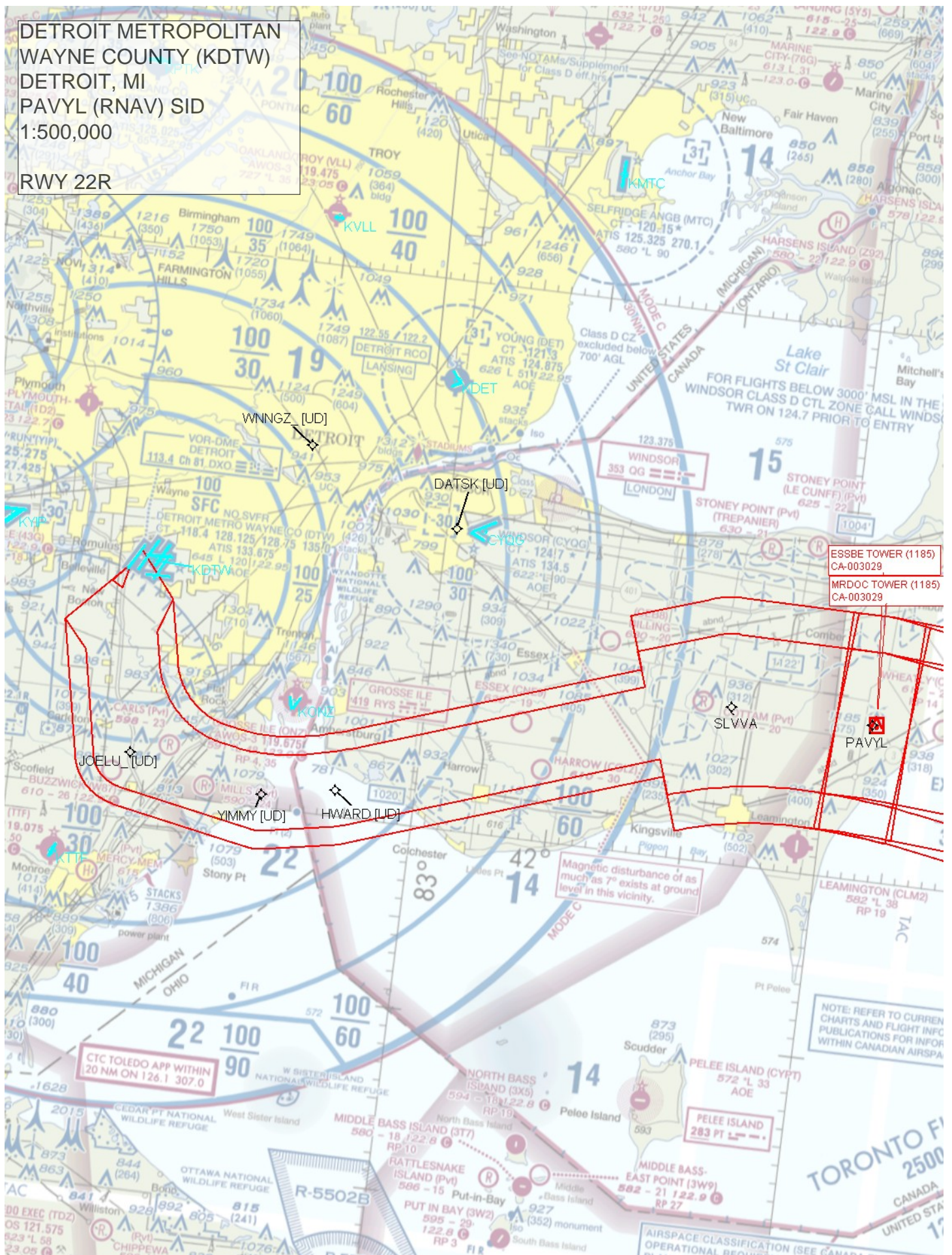


DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)
DETROIT, MI
PAVYL (RNAV) SID
1:500,000

RWY 22L



RWY 22R



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

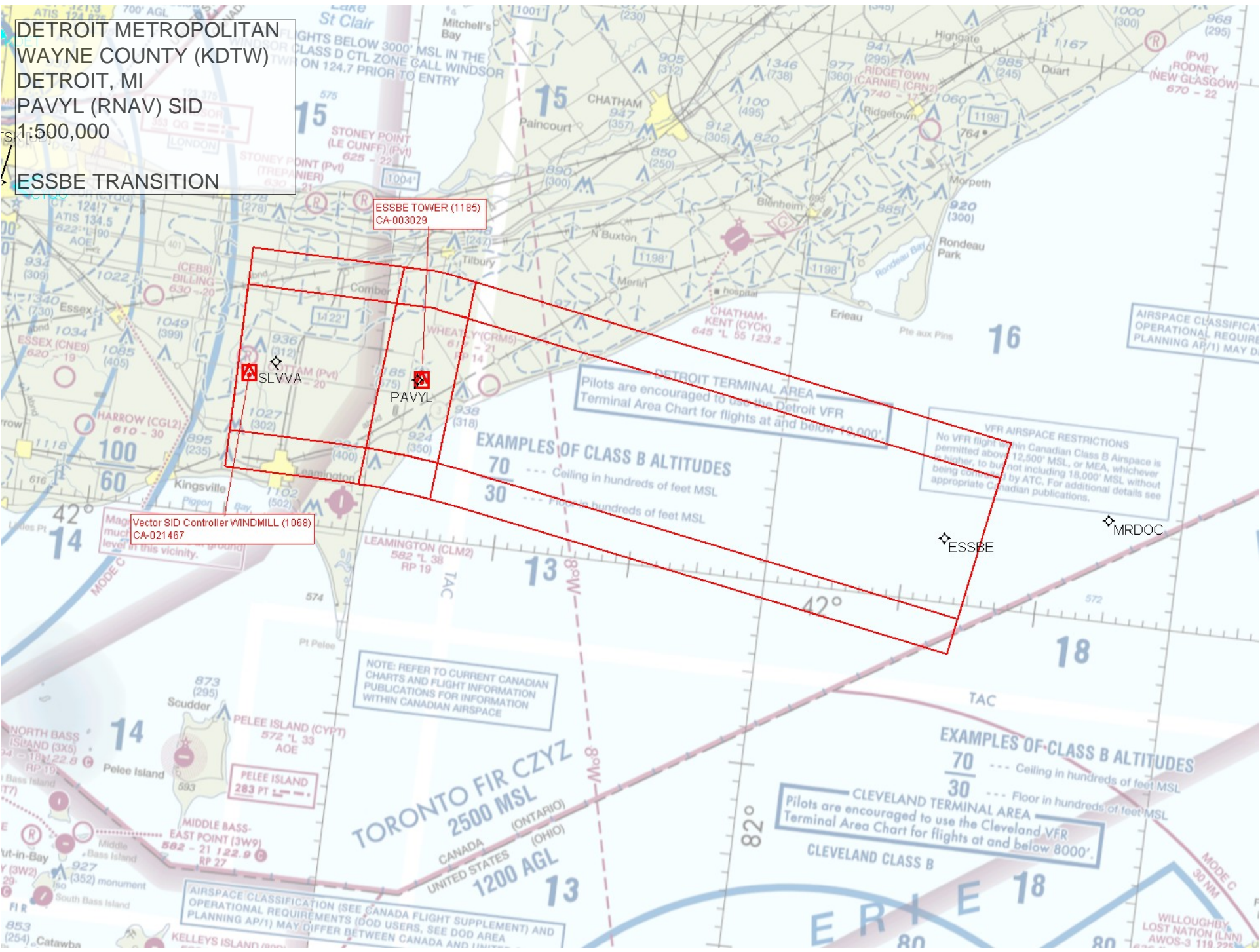
ESSBE TRANSITION

ESSBE TOWER (1185)
CA-003029

SLVVA

PAVYL

Vector SID Controller WINDMILL (1068)
CA-021467



DETROIT METROPOLITAN
WAYNE COUNTY (KDTW)

DETROIT, MI

PAVYL (RNAV) SID

1:100,000

MRDOC TRANSITION

