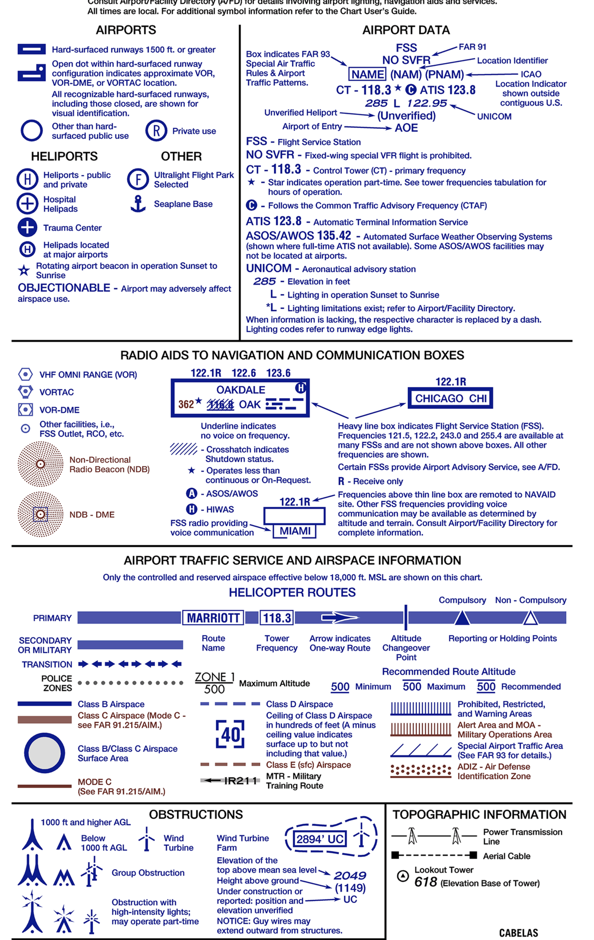
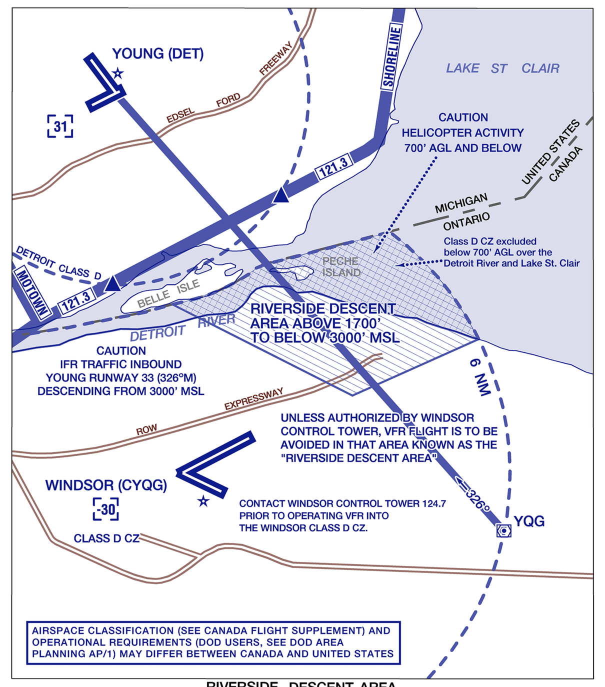
HELICOPTER ROUTE CHART
DETROIT
LEGEND

Consult Airport/Facility Directory (A/FD) for details involving airport lighting, navigation aids and services. All times are local. For additional symbol information refer to the Chart User's Guide.





RIVERSIDE DESCENT AREA
WINDSOR, ONTARIO

EXAMPLES OF CLASS B ALTITUDES

70 --- Ceiling in hundreds of feet MSL
30 --- Floor in hundreds of feet MSL

Class G Airspace within the United States extends up to 14,500 feet MSL. At and above this altitude all airspace is within Class E Airspace, excluding the airspace less than 1500 feet above the terrain and certain special use airspace areas.

Features normally used as checkpoints for controlling VFR traffic are emphasized on this series of charts so they may be readily identified.

Example: POWER PLANT

The name shown is that used by the controlling personnel and is not necessarily the official name of the feature.

DETROIT HELICOPTER

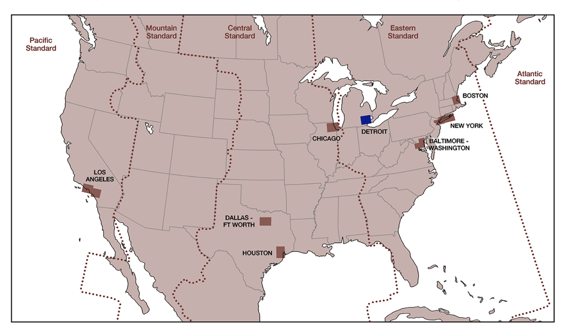
HELICOPTER ROUTE CHART SCALE 1:125,000

Federal Aviation Administration

2ND EDITION EFFECTIVE 0901Z **3 APR 2014**
Chart will become OBSOLETE FOR USE IN NAVIGATION upon publication of the next edition. See Dates of Latest Editions

Includes airspace amendments effective **3 APR 2014**
and all other aeronautical data received by **6 FEB 2014**

Information on this chart will change; consolidated updates of chart changes are available every 56 days in the AIRPORT/FACILITY DIRECTORY Chart Bulletin section (online at http://aeronav.faa.gov). Also consult appropriate NOTICES TO AIRMEN (NOTAMs) and other FLIGHT INFORMATION PUBLICATIONS (FLIPs) for the latest changes.



PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE SPECIFICATIONS AND AGREEMENTS, APPROVED BY: DEPARTMENT OF DEFENSE * FEDERAL AVIATION ADMINISTRATION

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace.

FAA Product ID: HELDET
NSN 7641015286487
NGA REF. NO. HELOXDETROIT
EFF. DATE 14093

REGULATIONS REGARDING FLIGHTS OVER CHARTED NATIONAL PARK SERVICE AREAS, U.S. FISH AND WILDLIFE SERVICE AREAS, AND U.S. FOREST SERVICE AREAS

The landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service or U.S. Forest Service without authorization from the respective agency. Exceptions include: 1) when forced to land due to an emergency beyond the control of the operator, 2) at officially designated landing sites, or 3) on approved official business of the Federal Government.
All aircraft are requested to maintain a minimum altitude of 2,000 feet above the surface of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas and Scenic Riverways administered by the National Park Service; National Wildlife Refuges, Big Game Refuges, Game Ranges and Wildlife Ranges administered by the U.S. Fish and Wildlife Service; and Wilderness and Primitive areas administered by the U.S. Forest Service. FAA Advisory Circular (AC) 91-36, "Visual Flight Rules (VFR) Flight Near Noise-Sensitive Areas," defines the surface as: the highest terrain within 2,000 feet laterally of the route of flight, or the upper-most rim of a canyon or valley.
Federal regulations also prohibit airdrops by parachute or other means of persons, cargo, or objects from aircraft on lands administered by the three agencies without authorization from the respective agency. Exceptions include: 1) emergencies involving the safety of human life, or 2) threat of serious property loss.

Boundary of National Park Service areas, U.S. Fish and Wildlife Service areas, and U.S. Forest Service Wilderness and Primitive areas.

DESCRIPTION OF ROUTES AND ALTITUDES

ALL ROUTES MAY BE ALTERED AT PILOT'S REQUEST OR AS DIRECTED BY ATC. ROUTE ALTITUDES ARE MAXIMUM.

BELLEVILLE: NOVI TO BELLEVILLE VIA I-275.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY DETROIT METRO WAYNE CO TOWER.

CITY BYPASS: ANN ARBOR TO GRAND RIVER AVE VIA M-14 AND I-96.
ALTITUDES: AT OR BELOW 1500 FEET MSL.

CROSSTOWN: NOVI TO LAKE ST. CLAIR VIA 1-96 AND I-696.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY DETROIT METRO WAYNE CO TOWER.

DEARBORN: SOUTHFIELD TO I-75 VIA GOLD BLDG. SOUTHFIELD FREEWAY (M-39) TO FORD WORLD HEADQUARTERS (GLASS HOUSE) TO FORD FACTORY.
ALTITUDES: AT OR BELOW 1500 FEET MSL.

DETROIT METRO: WYANDOTTE TO DETROIT METRO WAYNE CO AIRPORT VIA GODDARD ROAD.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY DETROIT METRO WAYNE CO TOWER.

M-59 CROSSTOWN: HOWELL TO MT. CLEMENS VIA M-59.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY OAKLAND CO INTL TOWER OR SELFRIDGE ANGB TOWER.

MIDDLEBELT: FLAT ROCK TO METRO AIRPORT VIA MIDDLEBELT ROAD.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY DETROIT METRO WAYNE CO TOWER.

MOTOWN: PONTIAC SILVERDOME TO DOWNTOWN DETROIT VIA I-75 AND WOODWARD AVE (M-10).
ALTITUDES: AT OR BELOW 1500 FEET MSL.

SHORELINE: MT. CLEMENS TO MONROE VIA THE SHORELINE SOUTH AND I-75.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY YOUNG TOWER.

SPARTAN: HOWELL TO DOWNTOWN DETROIT VIA I-96 NOVI THEN GRAND RIVER AVE (M-5).
ALTITUDES: AT OR BELOW 1500 FEET MSL.

WILLOW RUN: ANN ARBOR TO DETROIT METRO WAYNE CO AIRPORT VIA I-94.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY ANN ARBOR TOWER, WILLOW RUN TOWER OR DETROIT METRO WAYNE CO TOWER.

WOLVERINE: BRIGHTON (M-59) TO DUNDEE VIA US-23 THRU ANN ARBOR.
ALTITUDES: AT OR BELOW 1500 FEET MSL UNLESS OTHERWISE AUTHORIZED BY ANN ARBOR TOWER.

CAUTION
PILOTS ARE REQUESTED TO SELF ANNOUNCE ON 123.025 2 MILES PRIOR TO CROSSING ANY ROUTE.

ALL ROUTES ARE RECOMMENDED ROUTES WHICH PILOTS MAY EXPECT TO RECEIVE WHEN AUTHORIZED TO OPERATE IN THE CLASS B AIRSPACE. UNLESS OTHERWISE INDICATED, ALTITUDES WILL BE ASSIGNED WHEN CONTACTING AIR TRAFFIC CONTROL. HELICOPTER ROUTE AND ALTITUDE ASSIGNMENTS DO NOT RELIEVE PILOTS FROM THEIR DUTY TO COMPLY WITH FAR 91.119 AND 135.203(b). PILOTS ARE EXPECTED TO REQUEST AN ALTERNATE CLEARANCE IF NECESSARY FOR COMPLIANCE.

CONTROL TOWER FREQUENCIES ON DETROIT HELICOPTER ROUTE CHART

Airports with control towers are indicated on the face of the chart by the letters CT followed by the primary VHF local control frequency (ies). Information for each tower is listed in the table below. Operational hours are local time. The primary VHF and UHF local control frequencies are listed. An asterisk (*) indicates the part-time tower frequency is remoted to a collocated full-time FSS for use as Airport Advisory Service (AAS) during hours the tower is closed. The primary VHF and UHF ground control frequencies are listed.
Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are primary arrival VHF/UHF frequencies. All ATIS frequencies are listed in the table below. ATIS operational hours may differ from tower operational hours.
"MON-FRI" indicates Monday through Friday.
O/T indicates other times.

CONTROL TOWER	OPERATES	TWR FREQ	GND CON	ATIS
ANN ARBOR	0800-2000	120.3	121.6	134.55
DETROIT METRO WAYNE CO	CONTINUOUS	118.4 (EAST) 135.0 (WEST) 317.725	119.25 (SE) 119.45 (NE) 121.8 (NW) 132.72 (SW)	133.675
OAKLAND CO INTL	0600-2400	120.5	121.9	125.025
SELFRIDGE ANGB	0730-2300 EXC HOL	120.15 225.4	128.3 275.8	125.325 270.1
WILLOW RUN	CONTINUOUS	125.275 256.9	121.75	127.425
WINDSOR	0630-2230	124.7	121.7	134.5
YOUNG	CONTINUOUS	121.3 257.8	121.85	124.875

CLASS B, CLASS C, TRSA, AND SELECTED APPROACH CONTROL FREQUENCIES

FACILITY	FREQUENCIES	SERVICE AVAILABILITY
DETROIT CLASS B	127.5 239.275 (NW/NE) 134.3 239.275 (SE) 118.95 239.275 (SW) 126.85 ABOVE 3000' MSL (EAST) PRIOR TO ENTERING CANADIAN CLASS D CTL ZONE OR BELOW 3000' MSL CONTACT WINDSOR TOWER ON 124.7	CONTINUOUS
SELFRIDGE ANGB	119.6 318.2 O/T 127.7 290.425 CLEVELAND CNTR	0700-2300

CAUTION: ROUTES DEPICTED AND ALTITUDES ASSIGNED DO NOT PROVIDE OBSTACLE CLEARANCE PROTECTION. PILOTS ARE RESPONSIBLE FOR SEEING AND AVOIDING TERRAIN AND OBSTACLES. THIS CHART DOES NOT DEPICT COMPLETE OBSTACLE INFORMATION DUE TO THE HIGH CONCENTRATION OF OBJECTS IN THE AREA. OBSTACLES AND OTHER FEATURES SUCH AS POWER TRANSMISSION LINES AND PROMINENT STRUCTURES ARE DEPICTED FOR LANDMARK VALUE ONLY.

ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF).
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).
Example: 12,500 feet .... 12^5

CAUTION: This chart is primarily designed for VFR navigational purposes and does not purport to indicate the presence of all power transmission and telecommunication lines, terrain or obstacles which may be encountered below reasonable and safe altitudes.

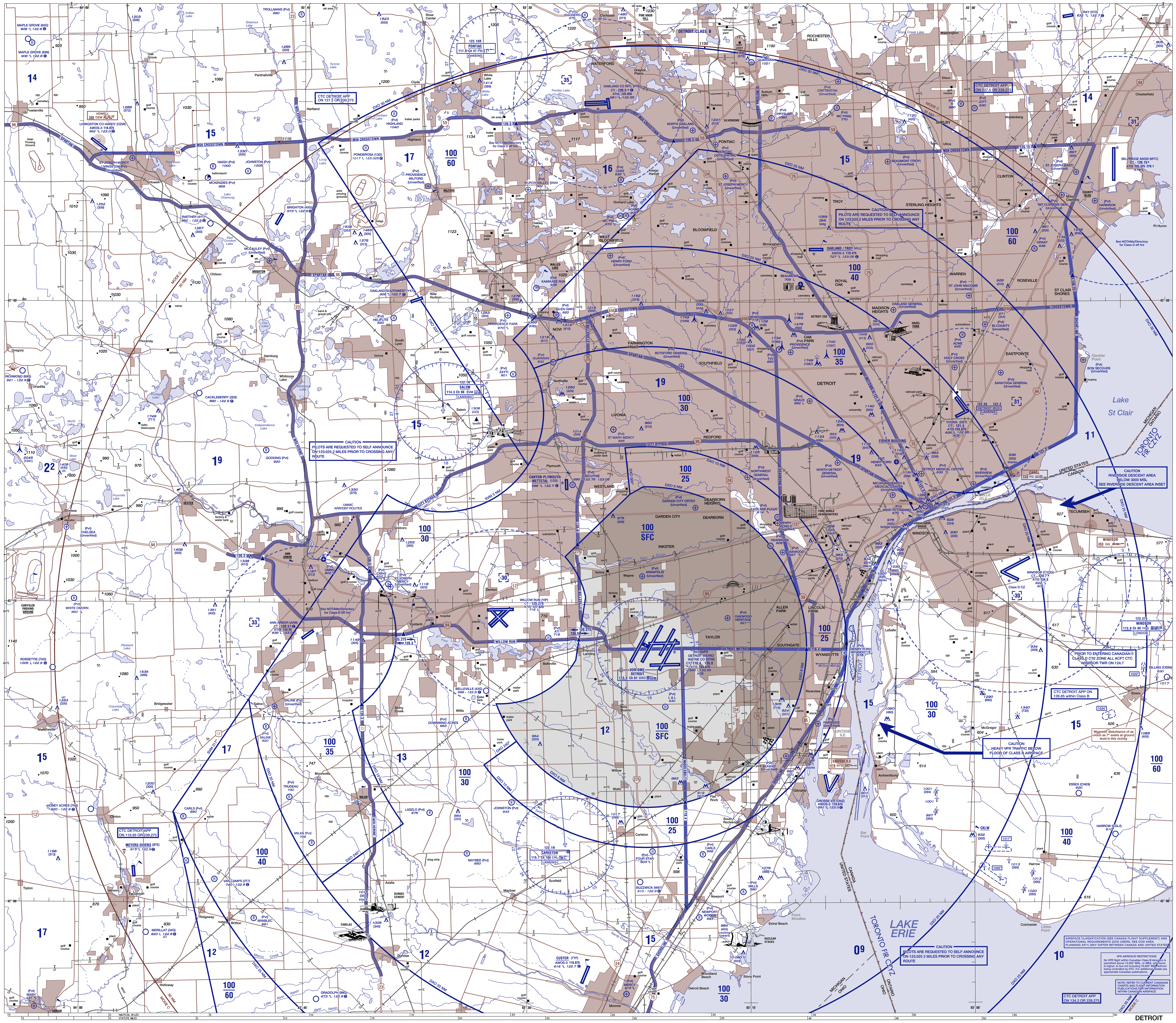
REPORTING CHART ERRORS
You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. Telephone toll free at 1-800-626-3677, or email us at 9-AMC-Aerochart@faa.gov. Frequently asked questions (FAQs) are answered on our website at http://aeronav.faa.gov. See the FAQs prior to contact via toll free number or email. Where delineation of data is required, such information should be depicted clearly and accurately on a current chart, and a replacement copy will be returned. Mail to: FAA, AeroNav Products, SSMC-4 Sta. #4503, 1305 East West Highway, Silver Spring, MD 20910-3281.

NORTH AMERICAN AEROSPACE DEFENSE COMMAND (NORAD) PROCEDURES
All aircraft operating in the U.S. national airspace, if capable, will maintain a listening watch on guard frequencies VHF 121.5 or UHF 243.0. It is incumbent upon all aviators to know and understand their responsibilities if intercepted. Review "AIM" section 5-6-2 for intercept procedures. Additionally, if U.S. military fighter jets intercept an aircraft and flares are dispensed in the area of that aircraft, aviators will pay strict attention, contact air traffic control immediately on the local frequency or on VHF guard 121.5 or UHF 243.0 and follow the interceptor visual ICAO signals. Be advised that non-compliance may result in the use of force.

FOR PROCUREMENT:
Contact an Authorized FAA Chart Sales Agent.
Visit our website at http://aeronav.faa.gov for an agent near you.
For digital products, contact FAA, AeroNav Products at 1-800-638-8972.

NOTE: REFER TO CURRENT CANADIAN CHARTS AND FLIGHT INFORMATION PUBLICATIONS FOR INFORMATION WITHIN CANADIAN AIRSPACE.

Lambert Conformal Conic Projection Standard Parallels 33° and 45°
Horizontal Datum: North American Datum of 1983 (World Geodetic System 1984)

AIRSPACE CLASSIFICATION (SEE CANADA FLIGHT SUPPLEMENT) AND OPERATIONAL REQUIREMENTS (DOD USERS, SEE DOD AREA PLANNING AP/1) MAY DIFFER BETWEEN CANADA AND UNITED STATES

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