The Windy City

GA TUESDAY

The Pilot Club

“Chicago, Not In Chicago”
06/03/2025

Time: 8pm EST (0000z)
Not a TPC Member?! Click **here** to join!
Want the Thread? Click **here** to chat!



- **Suggested aircraft:** Choose a single or twin-engine plane capable of 100-150 kts.
- **Weather settings:** Adjust to your preference, though many opt for live weather with the time rolled back a few hours.

- **For GPS navigation:** Consider using moving map apps like ForeFlight, FltPlan Go, or Garmin Pilot.
- Don't forget to take photos and share them with our community on Discord.

Suggested add-ons & charts

1. Chicago Sectional //

FSX/P3d	X-Plane	MSFS 2020/24	
OshKosh Area KOSH Parking Dane-Truax	Wittman Airport (2023)	Dane-Truax (2 Years Ago) Different Scenery Below Chicago Exec **(PAYWARE)** Chicago Exec **(PAYWARE)**	**Primary Scenery**

Secondary sceneries and utilities for MSFS

Flight-specific sceneries

General

- We Love VFR - Region 2
- Global AI Ship Traffic For MSFS: GAIST Ultra Version 6
- MSFS Addons Linker
- Scenery Map from Flightsim

Flight plan

The flight plan provided here is a basic copy-and-paste version for a general overview of the route. For the detailed and actual plan, please refer to the Standard Briefing section.

KOSH KMSN KJVL KPWK

Alternative flight plan

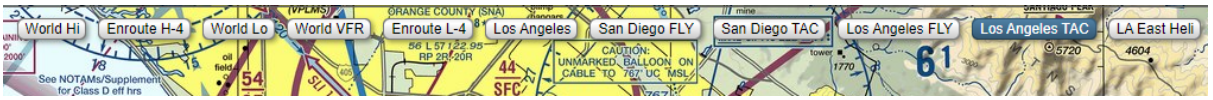
Should the weather conditions not be favorable for visual flight, here's an alternate IFR route that you can file with VATSIM. Ensure to plan for a cruising altitude of **3,000 ft**.

KOSH OSH V9 MSN V9 JVL V24 OBK KPWK

Flight simmers looking to sharpen your skills, use the briefing section and your electronic flight bag (EFB) to thoroughly visualize the route. Embrace the challenge of VFR flying by avoiding over-reliance on automated navigation - don't be "Children of the Magenta." It's crucial for the pilot to fully grasp the nuances of the flight plan and the specific regulations governing different airspaces before execution.

Treat your charts as a valuable tool for reference and understanding, rather than as a mere dependency. This approach will enhance your practical navigation skills and deepen your overall aviation knowledge.

Use the dynamic charts that are made available in SkyVector to see sectional, TAC, FLY, and other specialized charts for the area.



The City That Works

Standard briefing

OshKosh departure

Depart **Wittman Regional (KOSH)** and follow Lake Winnebago south to the town of Fond Du Lac. Then follow US-Highway-151 southwest for about 16 nautical miles to the small town of Waupun. Now head southwest (208) for 13 nautical miles or continue following US-151 to the opposite end of Beaver Dam Lake. At this point follow US-151, southwest for a total of 27 nautical miles, passing multiple points including the big neighborhood of Columbus, Sun Prairie, and to the first touch-and-go of **Dane County/Truax Field (KMSN)**.

Now head southeast (166) for 15 nautical miles passing two lakes, to the massive neighborhood of Stoughton. Head slightly east (155) for 19 nautical miles to attempt another touch-and-go at **Southern Wisconsin Regional (KJVL)**. Head southeast (128) for about 10 nautical miles to reach the neighborhood of Clinton. Then continue that heading for another 13 nautical miles to reach the small town of Harvard. Now head slightly east (114) for 18 nautical miles till you reach the end of McHenry Finally head southeast (129) through the northern heart of Chicago to reach our arrival area of **Chicago Exec Airport (KPWK)**.

Weather

Within the standard briefing, it's essential to keep track of weather conditions. Consider the following reports:

Adverse conditions

Convective
Convective SIGMETs (WST)
Convective Watches (WW)
Graphical AIRMETs

Synopsis

Weather charts
Surface Analysis
Daily US Weather Map

Current conditions

METARs
NWS RADAR Site
PIREPS
SATELLITE

En route forecast

Graphical Forecast for Aviation (GFA) Tool
Prognostic chart
Generate soundings and other Model analyses and forecasts

Destination forecast

TAFs

Wind and temps aloft (FB)

By region

Aviation notices

Special Use Airspace
NOTAM Search
Notices to Airmen

ATC delays

National Airspace System Status (FSS Command Center)

PIREPs

Creating a PIREP
Easy form for submitting PIREPs

A bit of realism

Our goal is to incorporate real-world parameters into the VFR flights. Please ensure you read and understand the procedures before your flight. If you have any questions or comments, reach out to the Flight Ops team or use the Discord thread (#gat-events) dedicated to this event.

United States Regulations

1. Read § 91.113 – Right-of-way rules: Except water operations
2. Read § 91.119 – Minimum safe altitudes: General
3. Read § 91.127 – Operating on or in the vicinity of an airport in Class E airspace
4. Read § 91.129 – Operations in Class D airspace
5. Read § 91.130 – Operations in Class C airspace
6. Read § 91.131 – Operations in Class B airspace
7. Read § 91.133 – Restricted and prohibited areas
8. Read § 91.151 – Fuel requirements for flight in VFR conditions
9. Read § 91.159 – VFR cruising altitude or flight level
10. Read § 91.179 – IFR cruising altitude or flight level
11. Read § 91.211 – Supplemental oxygen
12. Read § 91.215 – ATC transponder and altitude reporting equipment and use
13. Read AIM 7-5-6 – Flights Over Charted U.S. Wildlife Refuges, Parks, and Forest Service Areas
14. Read Special Flight Rules Area (SFRA)

Restricted airspace

- **CHICAGO CLASS BRAVO**
- Madison Class Charlie

Airport information

Spend a little time getting to know the airport, including the runway layouts and other details. Much of this information is available on Skyvector's website. You'll find links to the specific pages for each airport there.

Departure

Name	ICAO	CTAF TWR	Elevation[1]	Runways	Parking
Wittman Regional Airport	KOSH NOTAM	118.5 118.5	808 ft	09/27, 05/23 18/36, 13/31	ANY North Hanger

Wittman Regional Airport (KOSH), opened in 1927 and was renamed in 1972 to honor Steve Wittman, a pioneering air racer and aircraft designer who managed the airport for 38 years. It is best known as the site of the annual EAA AirVenture Oshkosh, the world's largest aviation gathering, during which the airport becomes the busiest in the world for one week each summer. To manage the influx of aircraft during AirVenture, the airport employs unique colored runway dots to guide pilots-a practice that originated at KOSH and has since been adopted by other major aviation events.

Touch and go

Name	ICAO	CTAF TWR	Elevation[2]	Runways
Dane County Regional /Truax Field Airport	KMSN NOTAM	119.3 119.3	886 ft	03/21, 14/32 18/36

Dane County Regional Airport (KMSN), also known as Truax Field, dating back to 1927 when the City of Madison purchased 290 acres of land for its development. The airport was constructed in 1936 as a Works Progress Administration project and played a significant role during World War II as a U.S. Army Air Corps training facility. In 1966, a new terminal building was inaugurated, and by 1974, the airport transitioned from city to county ownership.

[1] All elevations are indicated as feet mean sea level.
[2] All elevations are indicated as feet mean sea level.

Name	ICAO	CTAF TWR	Elevation[1]	Runways
Southern Wisconsin Regional Airport	KJVL NOTAM	118.8 118.8	807 ft	04/22, 14/32 16/34

Southern Wisconsin Regional Airport (KJVL), was established in April 1946 and initially served as a cargo hub for General Motors during the 1950s and early 1960s. Transitioning to commercial passenger services in the late 1960s, it hosted airlines like TWA and Northwest until 1989, after which it refocused on general aviation. The airport has also been a venue for the Southern Wisconsin AirFEST, featuring historic aircraft such as the B-24A Liberator "Diamond Lil" and performances by the Canadian Forces Snowbirds.

Arrival

Name	ICAO	CTAF TWR	Elevation[1]	Runways	Parking
Chicago Exec Airport	KPWK NOTAM	119.9 119.9	647 ft	16/34, 06/24 12/30	Southeast most FBO

Finally, **Chicago Executive Airport (KPWK)**, originally established in 1926 as Gauthier's Flying Field, began as a modest 40-acre grass airstrip. Renamed Pal-Waukee Airport in 1928-reflecting its location near Palatine Road and Milwaukee Avenue-it expanded significantly under George Priester's ownership starting in 1953, adding paved runways, lighting, and an air traffic control tower.

VATSIM

One of the goals during the flight is to have air traffic control support from real people through the VATSIM network. Register for a free account at vatsim.net and complete the new member orientation in order to join the network.

When filing a flight plan with VATSIM make sure to add the following remarks to help support the club and increase our presence on the network.

> **/RMK OPERATED BY THEPILOTCLUB.ORG**

Model matching

Whenever you encounter another pilot while flying on VATSIM, the VATSIM client looks through all the model information it found during the start-up scan, and picks the best match. If no match can be found, it will display the aircraft using your **default model**.

The client will choose a default model for you, but if you want to use a different default model, you can change it by entering a different model title in the Default Model text box on the Model Matching tab in the Settings window.

- General Aviation vPilot VMR file
- TPC Liveries Package + vPilot VMR file v.4
- Helicopter (general) vPilot VMR file v.1 + instructions

TIP: If you are not using custom model matching in FS2020 and flying GA: In vPilot change default model matching to this: **Generic Piston Single Engine Asobo 01**

General Aviation Tuesday

The purpose of this event is to get pilot's away from simply inputting waypoints and airports into their navigation system. We try to get you to read the sectional chart by following along with the text briefing. There are a couple of event formats:

1. **Cross-fire** - This format puts pilots on the same path, but each group starts out on the opposite end of the route.
2. **Real world fly-ins** - This format is our attempt to replicate real world events. It's the pilot's choice how they get to the destination.
3. **Direct** - This format is our normal routing with optional touch-and-goes. We all start around the same place and end up at the same airport.
4. **Regional tour** - This format is a series of flights where we create multiple legs in order to achieve a flight in a specific region. It follows a direct format as well.

Additional flights

Every **first Tuesday** of the month we will embark on touring the United States one state at a time. The goal is to visit the capital and/or famous landmarks of each state. Every **third Tuesday** of the month we will explore our world with a regional tour. This tour typically lasts for the rest of the year.

If you're interested in more general aviation flights the club also hosts a BUSH WEDNESDAY group flight on the **fourth Wednesday** of each month.

Flight Operations Team

VACANT	*SUNDAY-FUNDAY*
Dylan, TPC76	*GROUND CREW*
Dylan, TPC1496	*BUSH / STOL, FLY-IN THURSDAY*
Stuart B, TPC73	*FRIDAY NIGHT OPS*
VACANT	*FLIGHT OPS TEAM LEAD*
VACANT	*CHALLENGE FLIGHTS*
VACANT	*WORLD TOUR*
Andrew, TPC51	*GENERAL AVIATION*
Mike, TPC1079	*DISCOVERY FLIGHT*

For more information about this organization visit thepilotclub.org. There is also good information on the Standard Operating Procedures page. We also have a very active Discord server.

References

Links

General

1. https://chat.openai.com
2. https://my.vatsim.net/pilots/aip
3. https://www.thepilotclub.org/resources#model_matching

United States

4. https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/vfr/
5. https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/aero_guide/ - Aeronautical Chart Users' Guide
6. https://notams.aim.faa.gov/notamSearch/nsapp.html#/
7. https://www.thinkaviation.net/notams-decoded/
8. http://www.moratech.com/aviation/notam-abbrev.html
9. https://www.aviationweather.gov
10. https://www.thinkaviation.net/levels-of-vfr-ifr-explained/
11. https://aopa.org/
12. https://www.eaa.org
13. https://sua.faa.gov/sua/siteFrame.app

Canada

14. https://tc.canada.ca/en/corporate-services/acts-regulations/list-regulations/canadian-aviation-regulations-sor-96-433
15. https://tc.canada.ca/sites/default/files/2021-11/TP_15286_11x17_EN_NOV21.pdf
16. https://docs.google.com/document/d/1Dto1qX67L3uiYu6FmL5JjRGuwH488zCu4NmWMf3veKk/edit#heading=h.2iiuam69atqk
17. https://www.youtube.com/watch?v=giHaxwudS_E
18. https://mapviewer.fltplan.com/
19. https://coastaldrone.co/how-to-read-vnc-vfr-navigation-charts-the-legend/