

# GA TUESDAY

## *The Pilot Club*

*"Don't Make Me Take off my Bible Belt"*

**DECEMBER 27, 2022**



**CROSS-FIRE EVENT**

Not a TPC Member?! Click [here](#) to join!



- Recommend airplane: single or twin engine 110 - 130 kts
- Set the weather as you like. Most use live weather with time set back a few hours.
- Moving map GPS: ForeFlight, FltPlan Go, Garmin Pilot.
- Bring your camera and share your pictures in our Discord.

## **Suggested add-ons & charts**

1. Atlanta sectional chart
2. Cincinnati sectional chart

FSX/P3d	X-Plane 11	MSFS 2020
<a href="#">FSX Tri-Cities Regional Airport Scenery</a>	<a href="#">Mc Ghee Tyson</a>  <a href="#">KAVL (Asheville, NC) of the Future 1.0.2</a>  <a href="#">Asheville Regl</a>  <a href="#">Tri Cities Rgnl Tn Va</a>	<a href="#">KTYS-McGhee-Tyson</a>  <a href="#">KAVL RWY+TXWY Fixes, Apron Enhancements, Night Lighting (Asheville, NC, USA) [SU11]</a>

## Flight plan

This event utilizes a cross-fire route. Two groups of pilots will fly from opposite ends of the flight. Choose your direction and try not to crash into oncoming airplanes.

### WESTBOUND

KTRI KGCY KAVL 57NC KTYS

### EASTBOUND

KTYS 57NC KAVL KGCY KTRI

## Alternative flight plan

In case the weather doesn't cooperate for a visual flight here is an IFR route you can file with VATSIM.

### WESTBOUND (8,000 ft)

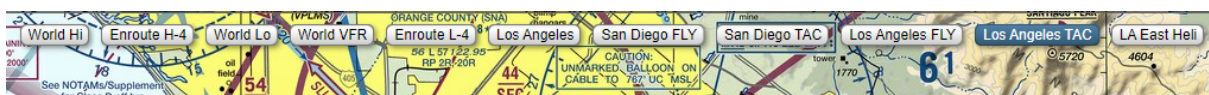
KTRI DCT AFTEN V136 SOT V185 PENCE DCT  
KTYS

### EASTBOUND (9,000 ft)

KTYS DCT AUBRY V136 SOT V136 AFTEN  
DCT KTRI

Use the briefing section to visualize the route in your electronic flight bag (EFB). The challenge of VFR is to not become *Children of the Magenta*. The Flight Ops team wants you to understand the flight plan and special rules with certain airspace; then execute the plan. Use your charts as reference instead of a crutch.

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



# The Great Smoky Mountains

## Standard briefing

### West departure

Depart **TRI-CITIES REGIONAL AIRPORT (TRI)** and head southwest for roughly 25 nm keeping the power lines on your right and the railroad on your left until you pass over GREENVILLE. Turn south and travel 17 nm until you reach HOT SPRINGS.

Head southeast, through the valley following the railroad until you reach ASHEVILLE. Continue south in case you want to do a touch-and-go at **ASHEVILLE REGIONAL AIRPORT (AVL)**. Head north back to ASHEVILLE, turn west at the left fork in the road towards CANTON.

Continue following the road southwest, through the valley, until you reach DILLSBORO. Turn northwest and follow the railroad roughly 6 nm until you see a lake on your left-hand side. Turn west for a touch-and-go at **SOSSAMON FIELD AIRPORT (57NC)**.

Continue heading west through the valley for 25 nm until you arrive at CALDERWOOD DAM. Turn north and head 19 nm to our destination at **MC GHEE TYSON AIRPORT (TYS)**.

### East departure

Depart **MC GHEE TYSON AIRPORT (TYS)** and head south of MARYVILLE. Follow the power lines about 20 nm to CALDERWOOD DAM. Turn east and navigate through the valley for a touch-and-go at **SOSSAMON FIELD AIRPORT (57NC)**.

Once you are past BRYSON CITY take the right fork of the highway/river/railroad. Take the left fork at DILLSBORO and continue to navigate the valley until you reach CANTON. Head east following the railroad and take the right fork at ASHEVILLE. You can do a touch-and-go at **ASHEVILLE REGIONAL AIRPORT (AVL)** if you want.

Head northwest about 13 nm to the north end of ASHEVILLE then turn slightly west. Follow the railroad through the valley for roughly 18 nm to HOT SPRINGS. Continue north about 17 nm for a touch-and-go at **GREENEVILLE MUNICIPAL AIRPORT (GCY)**. Turn northeast and head about 25 nm, keeping the highways on your left and right side, to our destination at **TRI-CITIES REGIONAL AIRPORT (TRI)**.

### Weather

As part of the standard briefing, weather conditions should be monitored. Here's a list of reports to consider:

## 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

[GFA Tool](#)

[Low Level SIGWX Progs](#)

### Destination forecast

[TAF decoder](#)

[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)

## A bit of realism

We aim to interject real world parameters to the VFR flights. Read and understand the procedures prior to flight. Any questions or comments contact the Flight Ops team.

1. Read [§ 91.133 – Restricted and prohibited areas](#)
2. Read [§ 91.129 – Operations in Class D airspace](#)
3. Read [§ 91.130 – Operations in Class C airspace](#)
4. Read [§ 91.159 – VFR cruising altitude or flight level](#)
5. Read [§ 91.179 – IFR cruising altitude or flight level](#)
6. Read [§ 91.215 – ATC transponder and altitude reporting equipment and use](#)

### Restricted airspace

- Class Charlie of Mc Ghee Tyson Airport
- Class Charlie of Asheville Regional Airport
- Class Delta of Tri-Cities Airport
- Snowbird MOA
- Great Smoky Mountains National Park

## Airport information

Take a few minutes to become familiar with the airport, the runway diagrams, etc. Most of the information can be found on Skyvector's site. Each airport links to their respective pages.

## Departure/Arrival

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Mc Ghee Tyson Airport</a>	KTYS <a href="#">NOTAM</a>	986 ft	05R/23L, 05L/23R

**McGhee Tyson Airport** is a public/military airport 12 miles south of Knoxville, Tennessee. It is named for United States Navy pilot Charles McGhee Tyson, who was killed in World War I. Owned by the Metropolitan Knoxville Airport Authority, it is served by several major airlines and employs about 2,700 people.

## Touch and go

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Sossamon Field Airport</a>	57NC <a href="#">NOTAM</a>	1,940 ft	10/28

**Sossamon Field Airport** is a private airport.

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Asheville Regional Airport</a>	KAVL <a href="#">NOTAM</a>	2,164 ft	17/35

**Asheville Regional Airport** is a Class C airport near Interstate 26 near the town of Fletcher, 9 miles south of downtown Asheville, North Carolina. It is owned by the Greater Asheville Regional Airport Authority. The Federal Aviation Administration (FAA) National Plan of Integrated Airport Systems for 2019–2023 categorized it as a small-hub primary commercial service facility. In 2019 it served an all-time record number of passengers for the airport, 1,616,762, an increase of 43% over 2018 and the sixth consecutive year of record traffic.

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Greeneville Municipal Airport</a>	KGCY <a href="#">NOTAM</a>	1,608 ft	05/23

**Greeneville Municipal Airport** is a public airport located two miles north of the central business district of Greeneville, Tennessee. It is owned by the Town of Greeneville.

## Arrival/Departure

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<sup>1</sup> All elevations are indicated as feet mean sea level.

Name	ICAO	Elevation <sup>1</sup>	Runways
<a href="#">Tri-Cities Airport TN/VA</a>	KTRI <a href="#">NOTAM</a>	1,519 ft	09/27, 05/23

In the mid-1930s Johnson City's airfield and Kingsport's airstrip were deemed not practical for expansion. Bristol, Johnson City, and Kingsport cooperated with Sullivan County to build an airport on 323 acres in Sullivan County, between the three cities. In September 1937, two small runways, a terminal building, and aircraft hangar had been built and the airport saw its first airliner, an American Airlines DC-2. On November 5, 1937, McKellar Field, now known as **Tri-Cities Airport TN/VA**, was dedicated by Senator Kenneth McKellar.

## 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](https://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**

## 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.

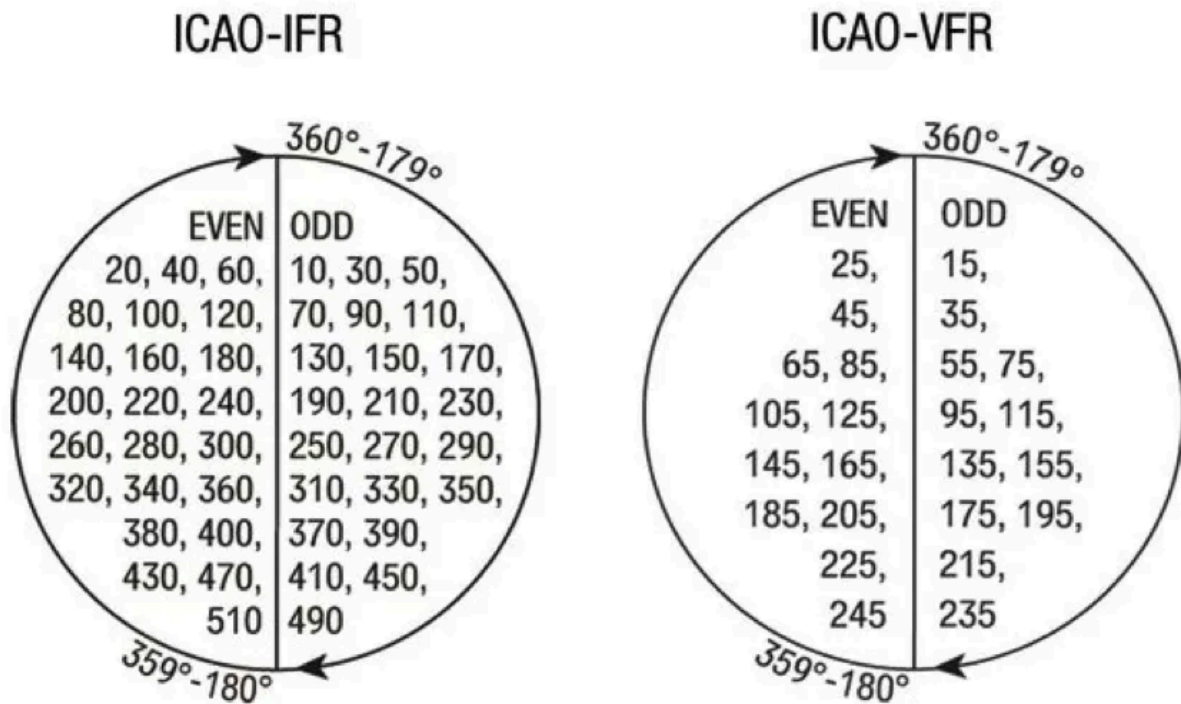
## Flight Ops General Aviation Team

- Marc, TPC444
- Willy, TPC306

For more information about this organization visit [thepilotclub.org](https://thepilotclub.org). There is also good information on the [Standard Operating Procedures](#) page. We also have a very active Discord server.

## Tools

Figure T.1: Altitudes based on flight rules



Note. VFR flights can only go to the maximum altitude of 17,500 ft.

## References

1. [https://www.faa.gov/air\\_traffic/flight\\_info/aeronav/digital\\_products/vfr/](https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/vfr/)
2. <https://notams.aim.faa.gov/notamSearch/nsapp.html#/>
1. <https://tfmlearning.faa.gov/publications/atpubs/NTM/not0503.html>
3. <https://www.thinkaviation.net/notams-decoded/>
1. <http://www.moratech.com/aviation/notam-abbrev.html>
4. <https://www.aviationweather.gov/briefing>
5. <https://wsdot.wa.gov/travel/aviation/airports-list/ranger-creek>