TITLE LINK LEADS TO INFO ON KUWOHI / CLINGMANS DOME

US Landmarks
Clingmans Dome

GA TUESDAY

The Pilot Club

Landmark Idea by Stephen TPC341
09/30/25

Time: 8pm EST (0000z)
Flight Style - Landmark
Not a TPC Member?! Click here to join!
Want the Thread? Click here to chat!
Pic given by **Stephen TPC341**

- **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.

READ BRIEFING CAREFULLY



Suggested add-ons & charts

1. Atlanta Sectional //

READ BRIEFING CAREFULLY

FSX/P3d	X-Plane	MSFS 2020/24	
Tyson	Tyson (2022)	Tyson (23) Tyson (22-25)	**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.

SEMI ROUTE, PILOT'S DEPARTURE DISCRETION TO KTYS

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.



READ BRIEFING CAREFULLY

The Great Smoky Mountains

Standard briefing

PILOTS DEPARTURE DISCRETION SOUTHEAST OF KLQK

Depart your own way and head towards the small town of **Bryson City**. At this point head north (354) for 8 nautical miles which will take you to the **Tower at Kuwohi / Clingmans Dome**, where you will be doing a very small 360 around the tower. Next head north (002) for 9 nautical miles to reach the housing town for Kuhowi–Gatlinburg. After Gatlinburg, head slightly west (349) for 9 nautical miles to reach Sevierville. Now follow **US-441** westbound for around 10 nautical miles till you reach the intersection of 441-411, in Seymour. Follow **US-411**, south for around 13 nautical miles till the start of Maryville. Finally turn northwest towards the arrival airport of **Mc Ghee Tyson Airport (KTYS)**.

Skyvector Route without Departure

352618N0832722W 353348N0832920W 354254N0833008W 355125N0833325W 355241N0834447W 354616N0835647W KTYS

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

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

READ BRIEFING CAREFULLY

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

- Knoxville 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.

Arrival

Name	ICAO	CTAF TWR	Elevation[1]	Runways	Parking
Mc Ghee Tyson Airport	KTYS NOTAM	N/A 121.2	986 ft	05L/23R 05R/23L	Eastern GA

McGhee Tyson Airport (KTYS) opened in 1937 after Knoxville bought land in Blount County to build a larger airfield, replacing its original airport in what's now West Knoxville. It played big roles in WWII and the Cold War—hosting Air Force facilities, adding long runways, and eventually becoming a joint civil-military airport that also houses a Tennessee Air National Guard refueling wing.

READ BRIEFING CAREFULLY

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.
5. **Landmark** - This format gives pilots the opportunity to have their own route at the start of the flight. Then they transition into the set route given in the briefing. Taking a 360 around the sight of the week, then heading to destination.

READ BRIEFING CAREFULLY

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*
• Jacob, TPC117	*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/

READ BRIEFING CAREFULLY

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/