

GA Tuesday

The Pilot Club

"Under God the People Rule."

OCTOBER 18, 2022



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



- Recommend airplane: single or twin engine 100-150kts
- 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. Cheyenne sectional chart
2. Little Navmap (Open Topography Map)

FSX/P3d	X-Plane 11	MSFS 2020
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KGCC GILLETTE-CAMPBELL COUNTY AIRPORT FSX P3D (Paid)	Mount Rushmore 1.0	KHSR Hot Springs Municipal Airport - Hot Springs, South Dakota
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Flight plan

(6V0 | KHSR) - 4353N10327W - 4350N10337W - KECS - KGCC

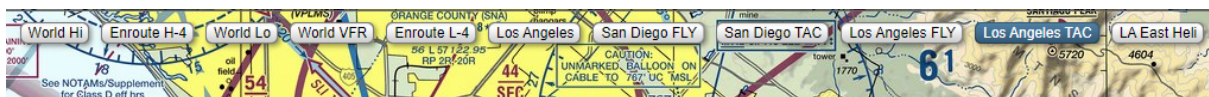
Alternative flight plan

In case the weather doesn't cooperate for a visual flight here is an IFR route you can file with VATSIM. Plan for your altitude to be **6,500-8500** ft.

(6V0 | KHSR) ZAMBI ECS V536 KGCC

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.



SOUTH DAKOTA, COYOTE STATE

US Tour

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.

Standard briefing

Hot springs municipal airport departure

We will depart **HOT SPRINGS MUNICIPAL AIRPORT (HSR)** heading north towards Wind Cave National Park, the first cave to be designated a national park anywhere in the world. Continue and fly over your first waypoint of **Custer State Park (3V0)**. Once you get close to BLACK ELK WILDERNESS AREA towards the north side will be **MOUNT RUSHMORE MONUMENT**.

Edgemont municipal airport departure

We will depart **EDGEMONT MUNICIPAL AIRPORT (6V0)** heading northeast following US-18. Once US-18 ventures east, start following STATE HIGHWAY 89 (SD89) northbound. SD89 merges with US-385 at the city of PRINGLE, continue following, but more northeastward. Fly directly over STOCKADE LAKE as a course reference. It will be another 8 nm until you reach **MOUNT RUSHMORE MONUMENT**.

Remaining legs of the flight

Once you're finished viewing the monument head southwest, roughly 8 nm to view **CRAZY HORSE MEMORIAL**.

Head west keeping I-16 to your left until we reach **MONDELL FIELD (ECS)**. This airport could be used as a touch-and-go or you can simply fly over it to our final destination. Depart following I-16 to **NORTHEAST WYOMING REGIONAL AIRPORT (GCC)**..

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. [§ 91.159 VFR cruising altitude or flight level](#)
2. [§ 91.215 ATC transponder and altitude reporting equipment and use](#)
3. [§ 91.133 Restricted and prohibited areas](#)

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

Name	ICAO	Elevation ¹	Runways
Hot Springs Municipal Airport	KHSR NOTAM	3,150 ft	01/19, 06/24

Name	ICAO	Elevation ²	Runways
Edgemont Municipal Airport	6V0 NOTAM	3,593 ft	12/30, 16/34

Touch and go

Name	ICAO	Elevation ¹	Runways
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¹ All elevations are indicated as feet mean sea level.

² All elevations are indicated as feet mean sea level.

Mondell Field Airport	KECS NOTAM	4,177 ft	14/32
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Arrival

Name	ICAO	Elevation ¹	Runways
Northeast Wyoming Regional Airport	KGCC NOTAM	4,365 ft	16/34, 03/21

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

Flight Ops General Aviation Team

- Paul, TPC25
- Miguel, TPC83
- Marc, TPC444
- Willy, TPC306

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

1. https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/vfr/

2. <https://notams.aim.faa.gov/notamSearch/nsapp.html#/>
3. <https://www.thinkaviation.net/notams-decoded/>
4. <https://www.aviationweather.gov/briefing>
5. <https://sloganshub.org/south-dakota-slogans/>