GA TUESDAY

The Pilot Club

"Nil Sine Numine"

DECEMBER 6, 2022 **US TOUR: COLORADO, PART 1**

Not a TPC Member?! Click here to join!



- Recommend airplane: single or twin engine 100-150 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. Denver sectional chart

FSX/P3d	X-Plane 11	MSFS 2020

	KSAF, KGNT, KONM V2 1.0.3	Santa Fe Municipal Airport (KSAF)

Flight plan

KSAF TAS ALS 4V1 KPUB

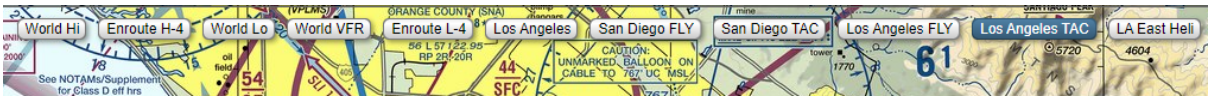
Alternative flight plan

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 **15,000** ft.

KSAF DCT POAKE V83 TAS ALS V83 GOSIP V83 HUNER DCT KPUB

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.



ROCKY MOUNTAIN EMPIRE!

Standard briefing

Santa Fe Municipal departure

Depart **SANTA FE MUNICIPAL AIRPORT (SAF)** and head north. Keep the highway I-85 and I-285 on your starboard until it intersects with another highway. Then you can keep the

highway on your port side and continue moving north-northeast until you reach **TAOS VORTAC (TAS)**.

Los Alamos departure

Depart **LOS ALAMOS AIRPORT (LAM)** and head northeast. Keep the major highway on your starboard until you reach the base of SAN ANTONIO MOUNTAIN. Then head north to **TAOS VORTAC (TAS)**.

Remaining legs of the flight

Once you reach TAS, continue heading north. Keep I-285 and SAN ANTONIO MOUNTAIN on your port side for roughly 44 nm until you reach **ALAMOSA VORTAC (ALS)**. At that point you have the option to travel northwest for a touch-and-go at **SAN LUIS VALLEY REGIONAL / BERGMAN FIELD AIRPORT (ALS)**.

Head east following the railroad through in-between NORTH LA VETA PASS and CULEBRA PEAK to **SPANISH PEAKS AIRFIELD (4V1)**. Head north following the railroad and keeping highway I-85 on your port side to our destination at **PUEBLO MEMORIAL AIRPORT (PUB)**.

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 § 91.113 – Right-of-way rules: Except water operations
2. Read § 91.133 – Restricted and prohibited areas
3. Read § 91.155 – Basic VFR weather minimums
4. Read § 91.159 – VFR cruising altitude or flight level
5. Read § 91.179 – IFR cruising altitude or flight level
6. Read § 91.211 – Supplemental oxygen
7. Read § 91.215 – ATC transponder and altitude reporting equipment and use

Restricted areas

- La Veta High MOA

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
Santa Fe Municipal Airport	KSAF NOTAM	6,348 ft	02/20, 15/33, 10/28

Santa Fe Municipal Airport serves the greater Santa Fe and Los Alamos areas. The airport is the second busiest commercial airport in New Mexico behind the Albuquerque International Sunport. It is one of the highest in elevation in the United States at 6,348 feet above sea level.

Name	ICAO	Elevation[2]	Runways
Los Alamos Airport	KLAM NOTAM	7,170 ft	09/27

Los Alamos Airport was built in 1947 by the Atomic Energy Commission as part of Los Alamos Scientific Laboratory, but the federal government transferred the facility to county ownership in 2008. The airport employs a non-standard traffic pattern. All takeoffs,

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

regardless of wind conditions, are to the east on runway 9. All landings, regardless of wind, are to the west on runway 27.

Touch and go

Name	ICAO	Elevation[1]	Runways
San Luis Valley Regional / Bergman Field Airport	KALS NOTAM	7,539 ft	02/20

San Luis Valley Regional / Bergman Field Airport was conceived in 1939 and construction began later that year. It was opened in early 1941. It is now owned by the City and County of Alamosa and is named for Carl A. Bergman, a local businessman and initial supporter of the airport. The first airline flights were Monarch DC-3s in 1946–47.

Arrival

Name	ICAO	Elevation[1]	Runways
Pueblo Memorial Airport	PUB NOTAM	4,729 ft	08R/26L, 17/35, 08L/26R

Built in 1941 as the **Pueblo Army Air Base**, it was used as an advanced flying school to train B-17 Flying Fortress and B-24 Liberator four engine heavy bomber crews. It was under the command of the United States Army Air Forces Second Air Force 360th Army Air Force Base Unit.

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**

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. 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://tfmlearning.faa.gov/publications/atpubs/NTM/not0503.html
5. http://www.moratech.com/aviation/notam-abbrev.html
6. https://www.aviationweather.gov/briefing
7. https://sloganshub.org/colorado-slogans/