

COA Flight Checklist

TFRs or NOTAMs?

- FAA website: sua.faa.gov (Special Use Airspace and TFR active times)
- FAA website: tfr.faa.gov (TFR active times)
 - This website also has a tab to check for other NOTAMs
- Third Party website: Skyvector.com (Confirm layers for TFRs and “DROTAMs” are enabled)

Airspace Class?

- Basic Airspace
 - B: solid blue (large rings around a big city airport)
 - C: solid magenta (rings around a moderately big city airport)
 - D: dashed blue (ring around large general aviation airports, small passenger airports)
 - E: Normally from 1200’ AGL, but drops to 700’ AGL on soft side of shaded magenta line, and drops to surface if there is a purple dashed line surrounding an airport
 - G: surface to beginning of Class E (if not B, C, or D)
- Special Use Airspace
 - Regulatory (Prohibited & Restricted) vs nonregulatory (Other)
 - TFRs are special use airspace but are not depicted on charts
- Military Training Routes (MTRs)
 - Light grey line with VR or IR designation
 - Operations within 8NM on either side of centerline required coordination to deconflict
- Check time and airspace level reversions (if applicable)
 - Class C, D, and E (sfc) may revert, refer to current chart supplement (Skyvector.com)
 - Active times for Special Use Airspace vary (sua.faa.gov or [Skyvector](http://Skyvector.com) “regional” view)

Nearby airports with restrictions?

- Airport with active tower: UAS flight must be 5NM radius from Airport Reference Point (ARP)
 - Refer to current chart supplement (Skyvector.com)
- Airport with no tower or no active tower: UAS flight must be 3NM from ARP if the airport has an instrument approach associated with it, otherwise UAS flight must be 2NM from ARP
 - Instrument approaches associated with airport (Airnav.com)

Note: ARP can be found on Airnav.com - the lat/long can be pasted into Google Maps for analysis

Note: Uncharted heliports, seaplane bases, airports, and private airports do not apply

Weather Restrictions?

- Check Skyvector.com (weather layers must be turned on)
 - Need a ceiling (broken, overcast, or VV) of 1,000ft or better
 - Need visibility greater than 3 statute miles
 - Wind, elements, and other weather/environmental considerations for the UAS flight
- Fire Weather
 - Red Flag Warnings (Cannot fly within physical perimeters without approval)
 - Fire Weather Watch (Exercise extreme caution when operating)

Note: Information about fire weather warnings and advisories can be found at www.weather.gov/.

Flight time?

- Night operations: day is defined as 30 min prior to official sunrise until 30 min after official sunset. Operations outside these hours requires nighttime training.

NOTAM Filed? (at least 24 hours in advance)

- 1800WXbrief.com

- Correct submission formation
 - Location identified with nav aid (VOR) ID, radial, and distance
 - Can be verified under Skyvector “DROTAMs” tab or with other sources