Class E Airspace

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Types E2, E3, and E4

Aeronautical Chart Depictions

Authorization Requirements
Class E Airspace
Class E Airspace

- Generally begins where Class Golf ends
  - Typically 700ft or 1,200ft Above Ground Level
  - Unless associated with an airport surface area
- ATC authorization not required for Part 107 operations
Class E Airspace

Tower Inspections:
• §107.51(b)
  – Limits maximum altitude to 400ft Above Ground Level
• Exceptions:
  – Is flown within a 400-foot radius of a structure; and
  – Does not fly higher than 400 feet above the structure's immediate uppermost limit
No person may operate a small unmanned aircraft...within the lateral boundaries of the surface area of Class E airspace designated for an airport unless that person has prior authorization from Air Traffic Control (ATC)

(Small UAS Operating Rules) 14 CFR §107.41
Surface Class E Airspace
Surface Class E Airspace

Starts at ground level:

- **Type E4**
  - Extension to Class D or E surface area

- **Type E3**
  - Extension to a Class C surface area

- **Type E2**
  - Surface area designated for an airport
  - **AUTHORIZATION NEEDED**
Surface Class E Airspace
Surface Class E Airspace

SURFACE ECHO - E4
No ATC Authorization

SURFACE ECHO - E3
No ATC Authorization

SURFACE ECHO - E2
ATC Authorization Needed

Three different types of surface Class E airspace extensions
Surface Class E – Type E4

No ATC authorization needed (Type E4)

Magenta dashed line segregates the airspace

ATC authorization needed (Type E2)

Extension to a Class E2 surface area
Surface Class E – Type E4

No ATC authorization needed (Type E4)

Blue dashed line segregates the airspace

ATC authorization needed (Class D)

Extension to Class D airspace
Surface Class E – Type E3

No ATC authorization needed (Type E3)

ATC authorization needed (Class C)

Solid magenta line segregates the airspace

Extension to Class C airspace
Surface Class E – Type E2

ATC authorization needed (Class E2)

No dashed line segregating the airspace

Class E2 surface area
Surface Class E Airspace

UAS Facility Map

• Identifies areas where ATC authorization is required

• Controlled airspace:
  – Class B
  – Class C
  – Class D
  – Surface Class Echo – Type E2
Lake Tahoe Airport (TVL) Example

Surface Class E Airspace is segregated
Questions?