

PRINT, CUT & STUDY

Real two-sided flashcards you can clip to your kneeboard — question on the front, answer on the back. Print once and you have the whole deck in your flight bag.

- 1 Print **double-sided** (book-style). Use heavier paper or card stock if you have it.
set to **flip on the LONG edge**
- 2 Check one sheet first — the answer should line up behind its question. If it doesn't, switch your printer to flip on the long edge and reprint.
- 3 Cut along the dashed lines. A paper cutter is fastest; scissors work fine.
- 4 Shuffle, quiz yourself, and set aside the ones you know. Round-corner punch optional.



STUDY THESE ONLINE, FREE

Same cards, tap-to-flip, with shuffle and progress tracking — great between lessons.

flightperformancecalc.com/flashcards.html

CLASS A

Q

Class A airspace — altitudes and rules?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 01

CLASS B

Q

Class B — shape, altitudes, and how you enter.

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 02

CLASS B

Q

Equipment and pilot requirements for Class B?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 03

CLASS C

Q

Class C — dimensions and entry requirement?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 04

CLASS C

Q

When is two-way radio communication "established"?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 05

CLASS D

Q

Class D — dimensions and entry?

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AIRSPACE · 06

CLASS E

Q

What is Class E airspace?

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AIRSPACE · 07

CLASS G

Q

What is Class G airspace?

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AIRSPACE · 08

CLASS B

A

Surrounds the nation's busiest airports; surface to about 10,000 ft MSL, shaped like an upside-down wedding cake. You must receive a specific clearance — "cleared into the Bravo" — before entering.

AIRSPACE · 02

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS A**

A

18,000 ft MSL up to and including FL600. IFR only — an instrument rating and an ATC clearance are required. No VFR flight.

AIRSPACE · 01

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS C**

A

Around airports with a tower, radar approach control, and moderate traffic. Typically surface–4,000 ft AGL: a 5 NM inner core and a 10 NM outer shelf (1,200–4,000 AGL). Two-way radio communication must be ESTABLISHED before entry.

AIRSPACE · 04

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS B**

A

Two-way radio, a Mode C transponder, and ADS-B Out. At least a private certificate — or a student/sport/recreational pilot with the required endorsement (student solo is prohibited at ~12 of the busiest Class B airports).

AIRSPACE · 03

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS D**

A

Surrounds a towered airport (no radar service by the tower). Roughly surface to 2,500 ft AGL and about 4 NM radius, tailored to the instrument approaches. Two-way radio communication must be established.

AIRSPACE · 06

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS C**

A

When ATC replies using your call sign. "N123, standby" = established (you may enter). "Aircraft calling, standby" without your call sign = NOT established — remain clear.

AIRSPACE · 05

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS G**

A

Uncontrolled airspace — from the surface up to the overlying Class E floor. ATC has no authority there, and VFR weather minimums are the lowest. Common in remote and low-altitude areas.

AIRSPACE · 08

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS E**

A

Controlled airspace that isn't A, B, C, or D. Floors are commonly 700 ft AGL (magenta shading), 1,200 ft AGL (blue shading), or the surface; it extends up to but not including 18,000 ft MSL. No clearance is needed for VFR.

AIRSPACE · 07

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

SPECIAL USE

Q

Prohibited vs Restricted areas?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 09

SPECIAL USE

Q

What is an MOA (Military Operations Area)?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 10

SPECIAL USE

Q

Warning Area vs Alert Area?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 11

EQUIPMENT

Q

Where are a transponder and ADS-B Out required (91.215 / 91.225)?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 12

EQUIPMENT

Q

What is the Mode C Veil?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 13

SPEED

Q

Maximum speed below 10,000 ft MSL?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 14

SPEED

Q

Speed limit beneath a Class B shelf or in a VFR corridor through Class B?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 15

SPEED

Q

Speed limit within 4 NM of a Class C or D primary airport at or below 2,500 ft AGL?

[FLIGHTPERFORMANCECALC.COM](https://flightperformancecalc.com)

AIRSPACE · 16

SPECIAL USE

A

Airspace that separates military training from IFR traffic. VFR flight through an active MOA is legal without a clearance, but use extreme caution and request advisories; verify whether it is active.

AIRSPACE · 10

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SPECIAL USE**

A

Prohibited (P-): flight is banned entirely (e.g., P-56 over the U.S. Capitol/White House). Restricted (R-): invisible hazards such as artillery or missiles — you may transit only with the controlling agency's permission, and only when it is not "hot."

AIRSPACE · 09

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**EQUIPMENT**

A

In Class A, B, and C; above the lateral limits of Class B or C up to 10,000 ft MSL; within the Mode C Veil (30 NM of a Class B primary airport); and generally at and above 10,000 ft MSL (except at or below 2,500 ft AGL).

AIRSPACE · 12

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SPECIAL USE**

A

Warning Area (W-): hazardous activity starting 3 NM or more offshore over international waters. Alert Area (A-): high volume of pilot training or unusual activity — every pilot shares equal responsibility for see-and-avoid.

AIRSPACE · 11

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SPEED**

A

250 knots indicated airspeed (KIAS).

AIRSPACE · 14

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**EQUIPMENT**

A

A 30 NM radius ring around a Class B primary airport, within which a Mode C transponder and ADS-B Out are required from the surface upward.

AIRSPACE · 13

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SPEED**

A

200 knots indicated airspeed (KIAS).

AIRSPACE · 16

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SPEED**

A

200 knots indicated airspeed (KIAS).

AIRSPACE · 15

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

CHARTS

Q

How are Class B, C, D, and surface Class E drawn on a sectional?

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AIRSPACE · 17

CHARTS

Q

What do the fuzzy magenta and fuzzy blue vignettes mean?

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AIRSPACE · 18

CHARTS

Q

What is a TRSA?

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AIRSPACE · 19

SVFR

Q

What is Special VFR and where can you get it?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 20

TFR

Q

What is a TFR and why check for them?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 21

MINIMUMS

Q

What airspace does the "3-152" cloud-clearance rule cover?

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)

AIRSPACE · 22

SERVICES

Q

What service does Class C provide that Class D does not?

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AIRSPACE · 23

CLASS B

Q

What certificate does a student pilot need to enter certain Class B airports?

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AIRSPACE · 24

CHARTS

A

Fuzzy magenta shading = Class E floor begins at 700 ft AGL. Fuzzy blue shading = Class E floor begins at 1,200 ft AGL. The airspace is on the shaded side of the line.

AIRSPACE · 18

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CHARTS**

A

Class B = solid blue lines. Class C = solid magenta lines. Class D = dashed blue lines. Class E to the surface = dashed magenta lines.

AIRSPACE · 17

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SVFR**

A

An ATC clearance to fly VFR in controlled airspace to the surface below normal VFR minimums (at least 1 SM visibility, clear of clouds), within the lateral limits at/below the airspace. Not offered at some busy airports; night SVFR requires an instrument rating and a properly equipped aircraft.

AIRSPACE · 20

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CHARTS**

A

Terminal Radar Service Area — overlays certain Class D/E airports and offers radar sequencing and separation. Participation is voluntary but recommended; depicted with solid gray lines.

AIRSPACE · 19

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**MINIMUMS**

A

Class C, D, and E below 10,000 ft MSL: 3 SM visibility, 500 ft below, 1,000 ft above, and 2,000 ft horizontal from clouds.

AIRSPACE · 22

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**TFR**

A

A Temporary Flight Restriction — published by NOTAM around hazards, VIP movement, major sporting events, or disasters. Check NOTAMs before every flight; busting a TFR risks interception and enforcement action.

AIRSPACE · 21

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**CLASS B**

A

A logbook endorsement for that specific Class B airspace after ground and flight training. At about a dozen of the busiest Class B airports (listed in 91.131), student solo operations are prohibited entirely.

AIRSPACE · 24

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)**SERVICES**

A

Class C has radar approach control providing sequencing and separation from IFR traffic plus traffic advisories to VFR aircraft. A Class D tower sequences runway traffic but does not provide radar separation itself.

AIRSPACE · 23

[FLIGHTPERFORMANCECALC.COM](https://www.flightperformancecalc.com)