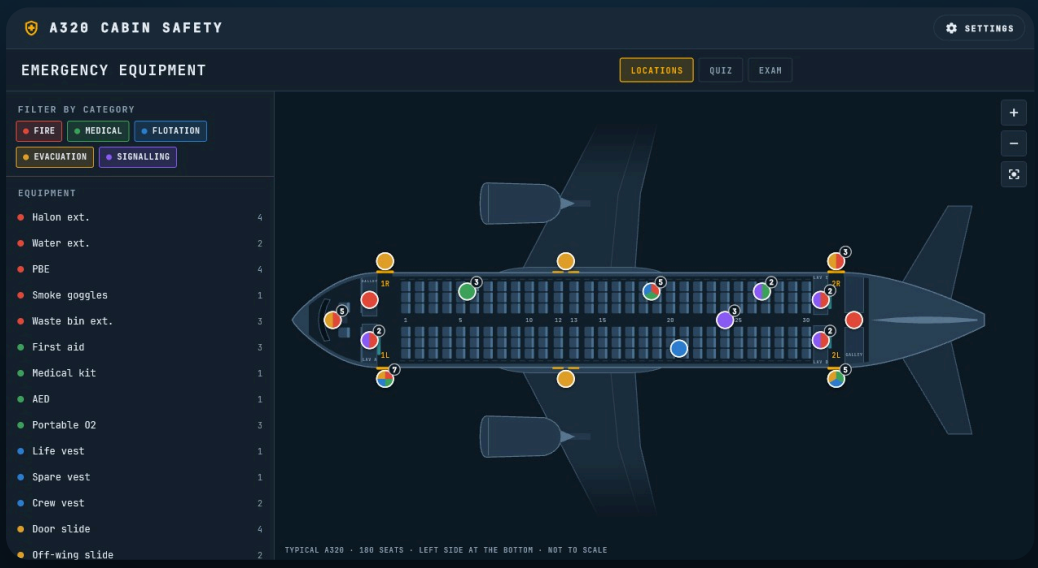
OVERDRIVE INTERACTIVE

AIRBUS A320 · CABIN · EMERGENCY EQUIPMENT

A320 Cabin Safety

Instructor Guide



Version 1.0 · Android tablet / phone · Windows PC

Classroom set-up, a ready lesson, the quiz and exam, the answer key and an assessment checklist.

For familiarization and training purposes only. Always follow the airline's own equipment chart and procedures.

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HOW TO USE THIS GUIDE

Chapters 1 to 3 prepare the class. Chapter 4 is a ready lesson, chapter 5 gives talking points, chapter 7 is the full answer key taken from the app itself, and chapter 8 is a checklist you can print for each student.

CHAPTER 01

About A320 Cabin Safety

A320 Cabin Safety helps cabin crew students learn what emergency equipment an A320 carries and where it is stowed, before they see the real cabin.

What students learn

- The layout of a typical A320 cabin: doors 1L/1R and 2L/2R, four overwing exits, three lavatories, two galleys, five attendant seats.
- The 45 items of emergency equipment on the chart, in five categories, and where each is stowed.
- Which items sit together at each crew station.

Fire · Medical · Flotation · Evacuation · Signalling

TYPICAL LAYOUT ONLY

A320 Cabin Safety shows a typical A320-200 single-class cabin of 180 seats. The kind, number and stowage of emergency equipment differ between airlines and between aircraft. The airline's approved manuals and its on-board equipment chart always take precedence.

NOT AN APPROVED DEVICE

A320 Cabin Safety is not approved by the FAA, EASA, CAAP or any civil aviation authority and is not part of any aircraft or airline system. "A320" is a trademark of Airbus; Overdrive Interactive is independent and not affiliated with Airbus or any airline.

BEFORE THE CLASS

Compare the chart with the equipment chart of the airline you teach for. The *Sources & Conformance* report shows which items come from the Airbus document, which from regulations, and which are typical practice. Tell students where your airline differs.

CHAPTER 02

Classroom Set-up and Licenses

Each device needs its own license code.

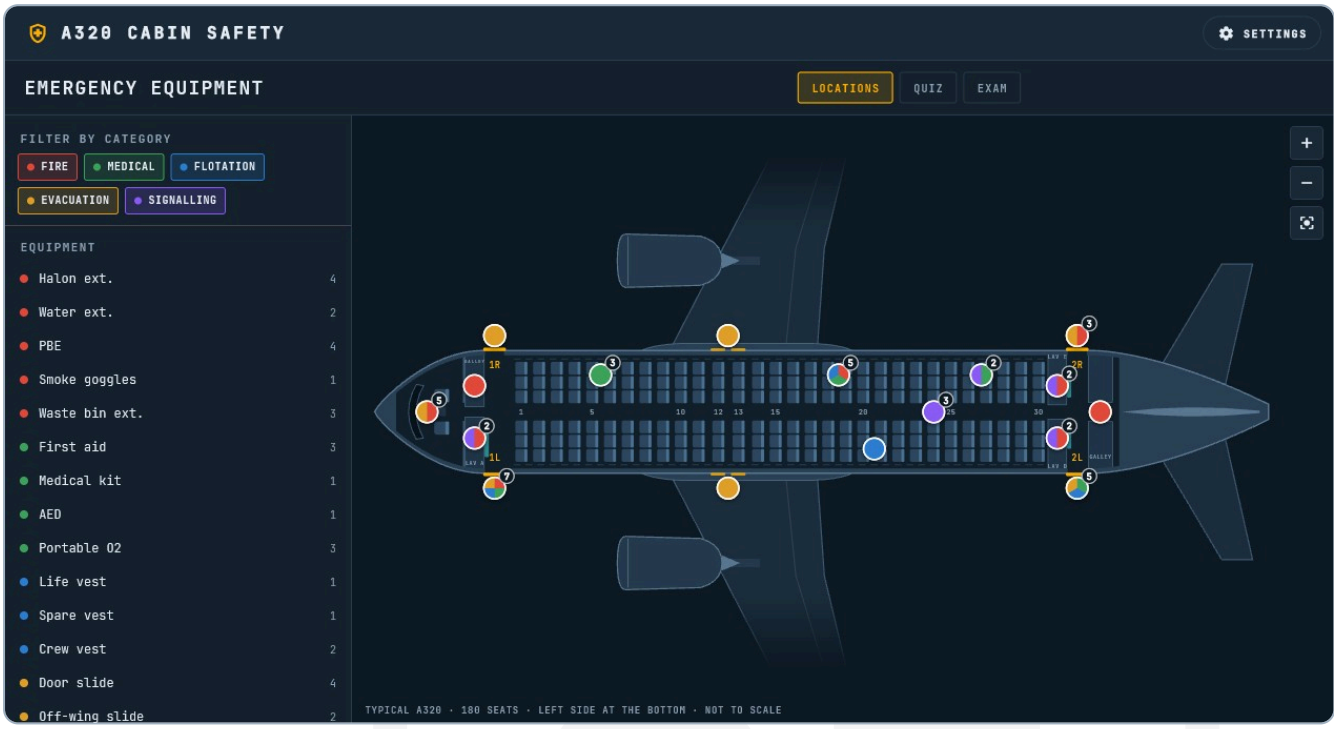
1. Install the app on each tablet or PC (User Manual, chapter 2).
2. Give each device a code (`SAFETY-xxxxxxxx`) from the admin page. Codes are case-sensitive.
3. Activate each device once while online; after that no internet is needed.

Situation	What to do
Student reinstalls on the same device	Open the app online and tap `CHECK AGAIN`; no new code is needed.
Student moves to a new device	Press **Release** on the code in the admin page, then enter the same code on the new device.
Code used by mistake	Do not give it to someone else; release it or give a new code.

CHAPTER 03

Reading the Chart

Start every class by orienting the students on the chart.



The chart: nose on the left, the aircraft's left side at the bottom

On the chart	Meaning
Nose on the left	The flight deck is at the far left; the aft galley at the right.
Bottom edge	The aircraft's left side: doors 1L and 2L, the left overwing exits, lavatories A and D.
Amber bars	Doors (1L, 1R, 2L, 2R) and the four overwing exits (rows 12 and 13).
Teal blocks	Attendant seats: a double seat forward on lavatory A, and three aft (a double on lavatory E, a single on lavatory D).
Marker colours / number	Categories stowed there / how many items.

CHAPTER 04

Lesson Plan (45 minutes)

A ready lesson for one class; each student needs a device or works in pairs.

Time	Activity	Tip
5 min	Orientation: nose, left and right, doors, overwing exits, attendant seats.	Ask: where is door 2R?
10 min	Walk the cabin from the flight deck to the aft galley, opening each marker.	Students name the items before you tap.
10 min	Category drills: show one category at a time with the filters.	Ask when each item is used.
5 min	One QUIZ round per student (practice).	Feedback on each drop.
10 min	One EXAM per student.	Note the percentage.
5 min	Review the wrong answers on the chart.	Use the highlight in the EQUIPMENT list.

CHAPTER 05

Discussion Points by Category

Talking points for the category drills.

Fire

Halon extinguishers for most fires, water for paper and cloth. A smoke hood (PBE) sits within 3 ft of every required cabin extinguisher. Each lavatory waste bin has its own automatic extinguisher, and each lavatory a smoke detector.

Medical

First aid kits versus the emergency medical kit (opened by a doctor or qualified person). When to use portable oxygen. The AED: required for US airlines, recommended in Europe.

Flotation

A life vest under each seat on over-water flights, spare and infant vests in the overhead bin, a crew vest at each attendant seat.

Evacuation

Door slides inflate only when the door is armed. The two off-wing slides serve the overwing exits. Megaphones forward and aft. A flashlight at each attendant seat. Escape ropes at the flight deck windows. The crash axe.

Signalling

Exit signs and floor path marking work on their own power. Lavatory smoke detectors. The portable ELT for over-water flights. Fasten Seat Belt and No Smoking signs.

CHAPTER 06

QUIZ and EXAM

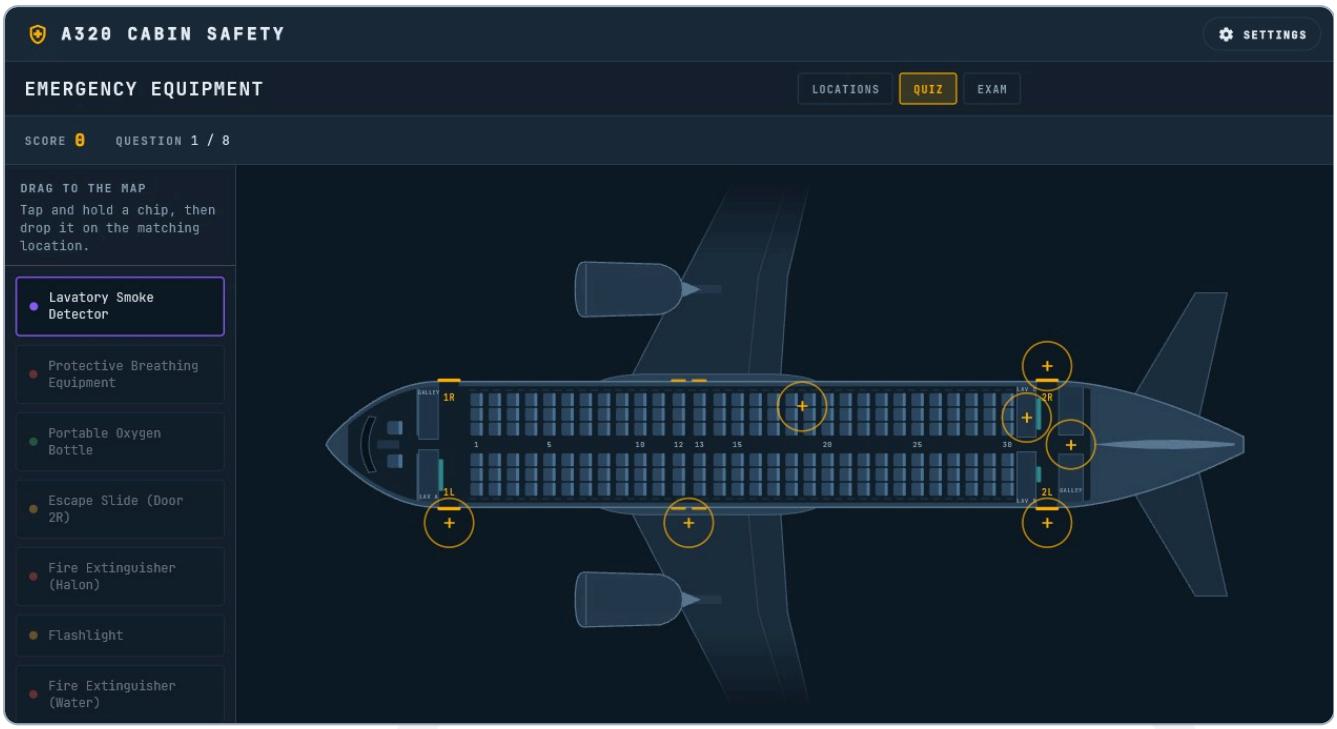
QUIZ is for practice, EXAM is for assessment. Both pick items at random and never ask for the same kind of item twice in a round.

	QUIZ (practice)	EXAM (assessment)
Items	8	10
Order	One at a time, in the given order	Any order; answers can be changed before SUBMIT
Targets	Only the locations of that round's items	All 17 locations (no hint)
Feedback	Right or wrong on each drop; answer shown after 2 misses	Nothing until SUBMIT
Score	10 / 5 / 0 points, maximum 80	Number right out of 10 and a percentage
Kept on the device	Best quiz score	Best exam percentage

MORE THAN ONE RIGHT PLACE

An item stowed in several places (for example the four halon extinguishers or the three first aid kits) is right at any of them. The result screens list every correct place.

QUIZ scoring



QUIZ: only the locations of that round's items are shown as targets

Rule	Detail
Items per round	8, chosen at random; only the current one can be dragged.
First try right	10 points
Second try right	5 points
Wrong twice	0 points; the answer is shown
Maximum	80 points; the best score is kept on the device

EXAM



EXAM RESULT: score, percentage, best score and every answer

SUGGESTED PASS MARK

80% in the EXAM (8 of 10). Adjust it to your school's rules. Watch the student's screen when they submit: the result is not stored as a report, only the best percentage on that device.

CHAPTER 07

Answer Key

All 45 items on the chart, by location, from the flight deck to the aft galley.

Location	Item	Qty	Note
Flight deck	Crash Axe	1	Flight deck; used to open panels to reach a hidden fire.
	Escape Rope	2	Above the flight deck side windows, one on each side.
	Fire Extinguisher (Halon)	1	Flight deck, within reach of both pilots.
	Protective Breathing Equipment	1	Smoke hood in the flight deck, used to fight a fire in smoke.
	Smoke Goggles	2	With the pilots' oxygen masks; they protect the eyes in smoke.
Forward galley	Fire Extinguisher (Water)	1	Forward galley, for a class A fire such as paper, cloth or wood.
Lavatory A (forward)	Lavatory Smoke Detector	1	Ceiling of lavatory A; sets off a smoke warning in the cabin and the flight deck.
	Waste Bin Fire Extinguisher	1	Under the basin of lavatory A; discharges by itself when the waste bin gets too hot.
Door 1L crew station	Crew Life Vest	2	Forward crew station, one for each of the 2 forward attendant seats.
	Escape Slide (Door 1L)	1	Packed in the lower part of door 1L; inflates when the armed door is opened. Some airlines fit slide/rafts for flights over water.
	Fire Extinguisher (Halon)	1	Forward crew station, next to the double attendant seat at door 1L.
	Flashlight	2	Within reach of each of the 2 forward attendant seats; checked during the pre-flight.
	Megaphone	1	Forward crew station, used to give commands over the noise of an evacuation.
	Portable Oxygen Bottle	1	Forward crew station; for first aid, or for crew moving about after a decompression.
	Protective Breathing Equipment	1	Smoke hood at the forward crew station, stowed with the halon extinguisher.
Door 1R	Escape Slide (Door 1R)	1	Packed in the lower part of door 1R; inflates when the armed door is opened.
Forward overhead bin	Automated External Defibrillator	1	Forward overhead bin. Required on US (FAA) airliners and recommended by EASA; check the airline's own chart.

	Emergency Medical Kit	1	Forward overhead bin; opened only by a doctor or another qualified person.
	First Aid Kit	1	Forward overhead bin, marked with a white cross.
Overwing exits, left	Off-wing Escape Slide (Left)	1	Dual-lane slide stowed in the left wing-to-fuselage fairing; it takes passengers from the two left overwing exits off the wing.
Overwing exits, right	Off-wing Escape Slide (Right)	1	Dual-lane slide stowed in the right wing-to-fuselage fairing; it takes passengers from the two right overwing exits off the wing.
Mid-cabin overhead bin	Fire Extinguisher (Halon)	1	Mid-cabin overhead bin, so a fire anywhere in the cabin is within reach.
	First Aid Kit	1	Mid-cabin overhead bin, marked with a white cross.
	Portable Oxygen Bottle	1	Mid-cabin overhead bin; for first aid, or for crew moving about after a decompression.
	Protective Breathing Equipment	1	Smoke hood in the mid-cabin overhead bin, next to the halon extinguisher.
	Spare and Infant Life Vests	10	Mid-cabin overhead bin, for infants and to replace an unserviceable vest.
Under every passenger seat	Passenger Life Vest	180	One under every passenger seat on aircraft that fly over water; checked during the pre-flight cabin check.
Cabin aisle and ceiling	Exit Signs	1	Above every exit and along the cabin ceiling; they stay lit on their own power.
	Fasten Seat Belt and No Smoking Signs	1	Above the seat rows; switched on from the flight deck.
	Floor Path Marking	1	Strips along the aisle floor that lead to the exits when smoke hides the ceiling signs.
Aft overhead bin	First Aid Kit	1	Aft overhead bin, marked with a white cross.
	Portable Emergency Locator Transmitter	1	Aft overhead bin on aircraft that fly over water; taken out after a ditching, it transmits on 406 MHz.
Lavatory D (aft left)	Lavatory Smoke Detector	1	Ceiling of lavatory D; sets off a smoke warning in the cabin and the flight deck.
	Waste Bin Fire Extinguisher	1	Under the basin of lavatory D; discharges by itself when the waste bin gets too hot.
Lavatory E (aft right)	Lavatory Smoke Detector	1	Ceiling of lavatory E; sets off a smoke warning in the cabin and the flight deck.
	Waste Bin Fire Extinguisher	1	Under the basin of lavatory E; discharges by itself when the waste bin gets too hot.
Door 2L crew station	Crew Life Vest	3	Aft crew stations, one for each of the 3 aft attendant seats.

	Escape Slide (Door 2L)	1	Packed in the lower part of door 2L; inflates when the armed door is opened.
	Flashlight	3	Within reach of each of the 3 aft attendant seats; checked during the pre-flight.
	Megaphone	1	Aft crew station, used to give commands over the noise of an evacuation.
	Portable Oxygen Bottle	1	Aft crew station; for first aid, or for crew moving about after a decompression.
Door 2R crew station	Escape Slide (Door 2R)	1	Packed in the lower part of door 2R; inflates when the armed door is opened.
	Fire Extinguisher (Halon)	1	Aft crew station, next to the double attendant seat at door 2R.
	Protective Breathing Equipment	1	Smoke hood at the aft crew station.
Aft galley	Fire Extinguisher (Water)	1	Aft galley, for a class A fire such as paper, cloth or wood.

CHAPTER 08

Assessment Checklist

Print one page per student. Tick each item the student shows without help.

Student: _____ Date: _____

	The student	Remarks
☐	Names the doors (1L, 1R, 2L, 2R) and the overwing exits on the chart	
☐	Says where the attendant seats are	
☐	Locates every halon extinguisher and its PBE	
☐	Locates the first aid kits, emergency medical kit and AED	
☐	Explains when to use portable oxygen	
☐	Locates the life vests (passenger, spare / infant, crew)	
☐	Explains door slides and the off-wing slides	
☐	Locates megaphones and flashlights	
☐	Names the flight deck emergency equipment	
☐	Explains lavatory smoke detectors and waste bin extinguishers	
☐	Scores 80% or more in the EXAM (8 of 10)	

Instructor: _____ Signature: _____

CHAPTER 09

Limitations and Important Notice

What the app does not do.

- It shows one typical cabin; it does not reproduce a specific airline or aircraft.
- It does not teach how to use the equipment, only where it is and what it is for.
- It does not replace the airline's training, manuals or practical drills.

TYPICAL LAYOUT ONLY

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