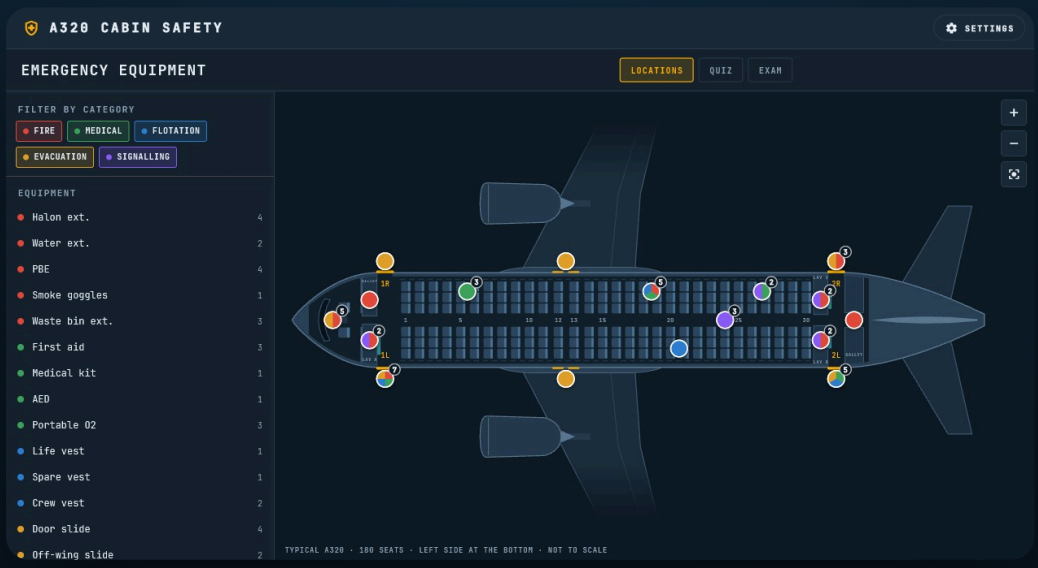
OVERDRIVE INTERACTIVE

AIRBUS A320 · CABIN · EMERGENCY EQUIPMENT

A320 Cabin Safety

Equipment Sources & A320 Conformance



Version 1.0 · Android tablet / phone · Windows PC

Where every item on the chart came from and how sure it is.

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

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SECTION 01

About this Report

This report lists the 45 items of emergency equipment in A320 Cabin Safety, the source each one was checked against, and how closely the cabin follows the real Airbus A320.

45	7	33	5
items	AIRBUS DOC	REGULATION	TYPICAL

Status labels

Label	Meaning
AIRBUS DOC	Shown in the public Airbus A320 Aircraft Characteristics document [1].
REGULATION	The item and its number are required by the cited regulation. Where the rule does not fix the exact place, the comment says so.
TYPICAL	Common airline practice; not taken from an official document.

Important limits

NO AIRLINE MANUAL

Airline Cabin Crew Operating Manuals, Safety and Emergency Procedures manuals and on-board equipment charts are owned by each airline and were not available. Exact stowage places inside the cabin therefore follow typical practice. A qualified cabin crew instructor should review the chart against the airline they teach for.

PHILIPPINE RULES

CAAP rules (PCAR Part 7) were not checked line by line. They follow ICAO Annex 6 and are close to the FAA and EASA rules used here.

Source numbers in square brackets, for example [2], refer to the list in Section 07.

SECTION 02

Where the Data Came From

The chart was built, then checked against public sources and corrected.

Stage	Source	What it gave
1. Aircraft and cabin	Airbus A320 AC [1]	Length, width, engines, tailplane; door and overwing exit stations; the typical 180-seat cabin with 5 attendant seats, 2 galleys and 3 lavatories; escape slides; cockpit escape rope.
2. Required equipment	US 14 CFR Part 121 and Part 25 [2]-[8]	Which items must be carried, how many for 180 seats and 5 attendant seats, and where the rules fix the place (flight deck, galleys, near extinguishers, at attendant seats, forward and rearmost).
3. European comparison	EASA Air OPS [9] [10]	First aid kit numbers and the AED recommendation.
4. Stowage places	Typical practice	Exact overhead bin and crew station places where no public source fixes them.

SECTION 03

The Aircraft and the Cabin

Every measurement and cabin feature on the chart, compared with the Airbus document.

Feature	In the app	Airbus AC	Status
Overall length	37.57 m	[1] 2-2-0	AIRBUS DOC
Fuselage width	3.95 m, drawn 1.3x wider so the seats are readable	[1] 2-2-0	AIRBUS DOC
Engine centreline	5.75 m from the aircraft centreline	[1] 2-2-0	AIRBUS DOC
Tailplane span	12.45 m	[1] 2-2-0	AIRBUS DOC
Forward doors 1L / 1R	5.04 m from the nose	[1] 2-7-0	AIRBUS DOC
Overwing exits, 2 each side	14.43 m and 15.28 m from the nose	[1] 2-7-0	AIRBUS DOC
Aft doors 2L / 2R	29.53 m from the nose	[1] 2-7-0	AIRBUS DOC
Typical cabin	180 seats, 6 abreast, 28/29 in pitch	[1] 2-4-1	AIRBUS DOC
Attendant seats / galleys / lavatories	5 / 2 / 3	[1] 2-4-1	AIRBUS DOC
Attendant seats forward / aft	2 (double seat on lavatory A) / 3 (double and single on the aft lavatories)	[1] 2-4-1 plan view	AIRBUS DOC
Forward galley (right), lavatory A (left)	Ahead of the forward doors	[1] 2-4-1	AIRBUS DOC
Aft lavatories D / E and aft galley	Lavatories ahead of the aft doors; galley behind them, in two parts	[1] 2-4-1	AIRBUS DOC
Escape slides	4 door slides + 2 dual-lane off-wing slides	[1] 2-8-0	AIRBUS DOC
Cockpit emergency exit	Sliding window with escape rope	[1] 2-8-0	AIRBUS DOC

NAMES

Door names 1L/1R/2L/2R, lavatory letters A/D/E and exit rows 12 and 13 are common airline conventions; the Airbus document says forward and aft passenger/crew doors. Row numbers differ between airlines.

SECTION 04

Item by Item

All 45 items, by category, with the basis for each.

Item	Qty	Location	Basis	Source and comment
FIRE				
Fire Extinguisher (Halon)	1	Flight deck	REGULATION	[2] 121.309(c): one extinguisher on the flight deck.
Protective Breathing Equipment	1	Flight deck	REGULATION	[5] 121.337(b)(9)(ii): one PBE on the flight deck.
Smoke Goggles	2	Flight deck	TYPICAL	- Stowed with the flight crew oxygen masks.
Fire Extinguisher (Water)	1	Forward galley	REGULATION	[2] 121.309(c): one extinguisher for each galley. Water type typical.
Waste Bin Fire Extinguisher	1	Lavatory A (forward)	REGULATION	[8] 25.854(b): automatic extinguisher for each waste receptacle.
Fire Extinguisher (Halon)	1	Door 1L crew station	REGULATION	[2] 121.309(c): 3 cabin extinguishers for 61-200 seats. Exact place typical.
Protective Breathing Equipment	1	Door 1L crew station	REGULATION	[5] 121.337(b)(9)(iii): within 3 ft of each required cabin extinguisher.
Fire Extinguisher (Halon)	1	Mid-cabin overhead bin	REGULATION	[2] As above. Exact place typical.
Protective Breathing Equipment	1	Mid-cabin overhead bin	REGULATION	[5] As above.
Waste Bin Fire Extinguisher	1	Lavatory D (aft left)	REGULATION	[8] As above.
Waste Bin Fire Extinguisher	1	Lavatory E (aft right)	REGULATION	[8] As above.
Fire Extinguisher (Halon)	1	Door 2R crew station	REGULATION	[2] As above. Exact place typical.
Protective Breathing Equipment	1	Door 2R crew station	REGULATION	[5] As above.
Fire Extinguisher (Water)	1	Aft galley	REGULATION	[2] As above.
MEDICAL				
Portable Oxygen Bottle	1	Door 1L crew station	TYPICAL	- Portable oxygen for first aid and crew mobility.
Automated External Defibrillator	1	Forward overhead bin	REGULATION	[3] [10] Required by the FAA, recommended by EASA. Place typical.

Emergency Medical Kit	1	Forward overhead bin	REGULATION	[3] One emergency medical kit. Place typical.
First Aid Kit	1	Forward overhead bin	REGULATION	[3] [9] FAA: 3 kits for 151-250 seats (EASA: 2 for 101-200). Places typical.
First Aid Kit	1	Mid-cabin overhead bin	REGULATION	[3] [9] As above.
Portable Oxygen Bottle	1	Mid-cabin overhead bin	TYPICAL	- As above.
First Aid Kit	1	Aft overhead bin	REGULATION	[3] [9] As above.
Portable Oxygen Bottle	1	Door 2L crew station	TYPICAL	- As above.
FLOTATION				
Crew Life Vest	2	Door 1L crew station	REGULATION	[6] [1] One per attendant seat; 2 forward seats in the Airbus layout.
Spare and Infant Life Vests	10	Mid-cabin overhead bin	TYPICAL	- Spare and infant vests.
Passenger Life Vest	180	Under every passenger seat	REGULATION	[6] 121.339: a life preserver for each occupant on over-water flights.
Crew Life Vest	3	Door 2L crew station	REGULATION	[6] [1] One per attendant seat; 3 aft seats in the Airbus layout.
EVACUATION				
Crash Axe	1	Flight deck	REGULATION	[2] 121.309(e): a crash axe. Place typical.
Escape Rope	2	Flight deck	AIRBUS DOC	[1] AC 2-8-0: cockpit window opening with the escape rope.
Escape Slide (Door 1L)	1	Door 1L crew station	AIRBUS DOC	[1] AC 2-8-0: one escape slide at each passenger/crew door.
Flashlight	2	Door 1L crew station	REGULATION	[4] [1] 121.310(n): within reach of each attendant seat.
Megaphone	1	Door 1L crew station	REGULATION	[2] 121.309(f): above 99 seats, one at the forward end.
Escape Slide (Door 1R)	1	Door 1R	AIRBUS DOC	[1] As above.
Off-wing Escape Slide (Left)	1	Overwing exits, left	AIRBUS DOC	[1] AC 2-8-0: dual-lane off-wing slides in the wing-to-fuselage fairings.
Off-wing Escape Slide (Right)	1	Overwing exits, right	AIRBUS DOC	[1] As above.
Escape Slide (Door 2L)	1	Door 2L crew station	AIRBUS DOC	[1] As above.
Flashlight	3	Door 2L crew station	REGULATION	[4] [1] As above.

Megaphone	1	Door 2L crew station	REGULATION	[2] 121.309(f): one at the rearmost location.
Escape Slide (Door 2R)	1	Door 2R crew station	AIRBUS DOC	[1] As above.
SIGNALLING				
Lavatory Smoke Detector	1	Lavatory A (forward)	REGULATION	[8] 25.854(a): a smoke detector in each lavatory.
Exit Signs	1	Cabin aisle and ceiling	REGULATION	[4] 121.310(b)-(c): exit signs on independent emergency lighting.
Fasten Seat Belt and No Smoking Signs	1	Cabin aisle and ceiling	REGULATION	[7] 121.317: Fasten Seat Belt and No Smoking signs.
Floor Path Marking	1	Cabin aisle and ceiling	REGULATION	[4] 121.310(c)(3): floor proximity escape path marking.
Portable Emergency Locator Transmitter	1	Aft overhead bin	REGULATION	[6] 121.339: survival-type ELT for over-water flights. Place typical.
Lavatory Smoke Detector	1	Lavatory D (aft left)	REGULATION	[8] As above.
Lavatory Smoke Detector	1	Lavatory E (aft right)	REGULATION	[8] As above.

SECTION 05

Quantity Checks

The numbers required for a 180-seat cabin with 5 attendant seats. These checks are also run by the app's automatic tests, so a later change cannot break them unnoticed.

Rule	Required	In the app	Status
First aid kits, 151-250 seats [3]	3 (EASA [9]: 2 for 101-200)	3	MATCHES
Hand fire extinguishers, 61-200 seats [2]	3 in the cabin + 1 flight deck + 1 per galley	5 in the cabin + 1 flight deck	MATCHES
PBE [5]	1 flight deck + 1 by each required cabin extinguisher	1 + 3	MATCHES
Megaphones, more than 99 seats [2]	2 (forward and rearmost)	2	MATCHES
Flashlights, 5 attendant seats [4]	5	5	MATCHES
Lavatory smoke detectors / waste bin extinguishers, 3 lavatories [8]	3 / 3	3 / 3	MATCHES
Escape slides [1]	4 door + 2 off-wing	4 door + 2 off-wing	MATCHES

SECTION 06

Corrections Made

Changes made to the equipment data during this check.

Before	After	Source
Four door pairs and mid-cabin lavatories (closer to an A321)	Two door pairs, four overwing exits, lavatories A, D and E	[1]
Doors at 6.45 m and 32.1 m from the nose	5.04 m and 29.53 m; overwing exits 14.43 / 15.28 m (rows 12 and 13)	[1]
2 first aid kits	3 first aid kits	[3]
3 forward and 2 aft attendant seats (a seat on the forward galley)	2 forward (double seat on lavatory A) and 3 aft, as in the Airbus plan view; flashlights and crew vests follow (2 forward, 3 aft)	[1] [4]
Aft galley drawn as one block	Two galley units with a gap, as in the Airbus plan view	[1]
AED called an airline option	Required by the FAA, recommended by EASA	[3] [10]

SECTION 07

References

Public sources used. All were read on 12 November 2026.

1. Airbus, A320 Aircraft Characteristics - Airport and Maintenance Planning (AC), issue Sep 30/85, rev. May 01/17. Sections 2-2-0, 2-4-1, 2-7-0, 2-8-0.
   skybrary.aero/bookshelf/airbus-a320-airplane-characteristics-aiport-planning-ac-01-may-2017
2. US 14 CFR 121.309 - Emergency equipment.
   law.cornell.edu/cfr/text/14/121.309
3. US 14 CFR Part 121, Appendix A - First aid kits, emergency medical kits and AED.
   law.cornell.edu/cfr/text/14/appendix-A_to_part_121
4. US 14 CFR 121.310 - Additional emergency equipment.
   law.cornell.edu/cfr/text/14/121.310
5. US 14 CFR 121.337 - Protective breathing equipment.
   law.cornell.edu/cfr/text/14/121.337
6. US 14 CFR 121.339 - Emergency equipment for extended over-water operations.
   law.cornell.edu/cfr/text/14/121.339
7. US 14 CFR 121.317 - Passenger information requirements.
   law.cornell.edu/cfr/text/14/121.317
8. US 14 CFR 25.854 - Lavatory fire protection.
   law.cornell.edu/cfr/text/14/25.854
9. EU Regulation 965/2012 (Air OPS) CAT.IDE.A.220 First-aid kit, and AMC1 CAT.IDE.A.220.
   regulatorylibrary.caa.co.uk/965-2012/Content/Regs/09680_CATIDEA220_First-aid_kit.htm
10. EASA FAQ: defibrillators on board European aeroplanes.
    easa.europa.eu/faq/19169

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.

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