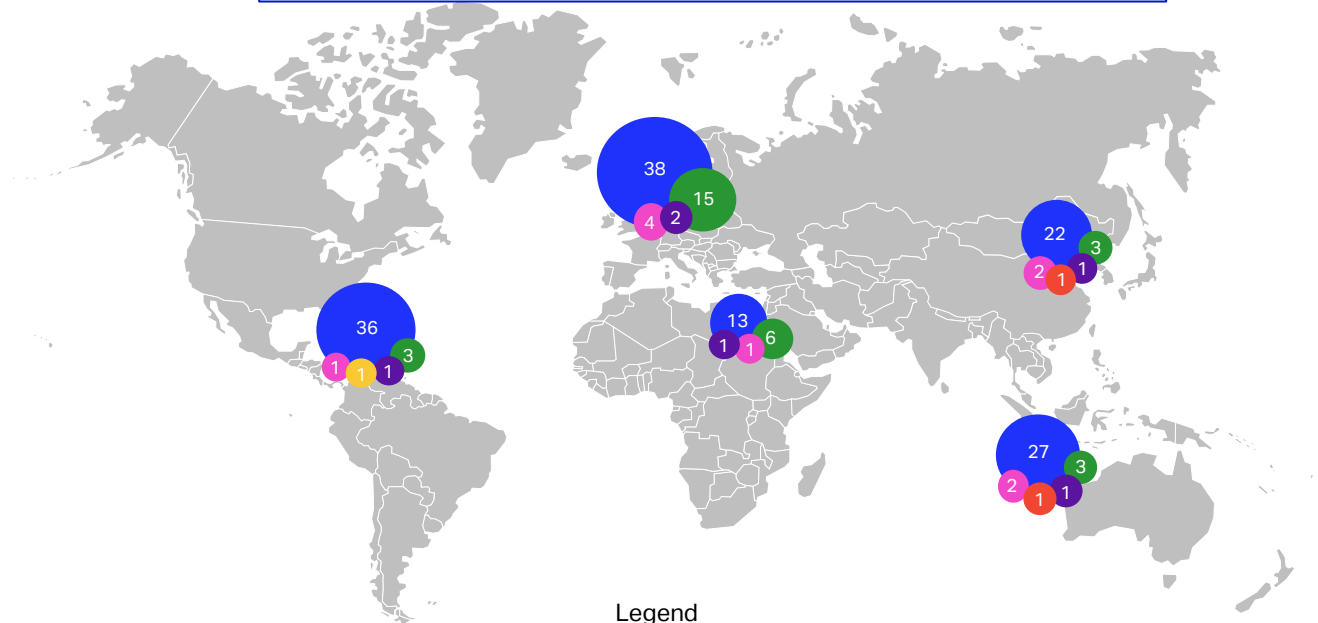# Use of Electronic Documents on Board and in Aircraft Technical Operations
IATA study (August 2023)

Reference for list of documents carried on board - ICAO Doc. 8335 Manual of Procedures for Operations Inspection, Certification and Continued Surveillance, Part IV. Continuing Safety Oversight of the Operator by the State of the Operator, Attachment A 8, with certain exclusions and additions.
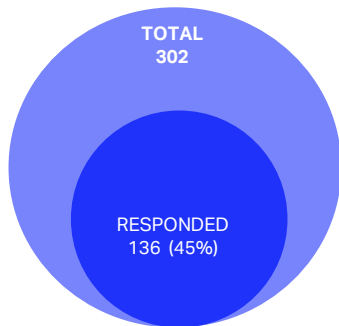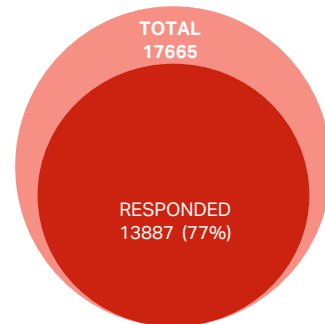
Respondent population

Legend

	Africa & Middle East	Asia Pacific	China & North Asia	Europe	The Americas	TOTAL
🔵 IATA Airline (i.e. AOC Holder)	13	27	22	38	36	136
🟣 Non-IATA Airline (i.e. AOC Holder)	1	2	2	4	1	10
🟢 MRO / Repair Station (i.e. Part 145 Certificate Holder)	6	3	3	15	3	30
🟪 Aircraft Ground Handling Organization	1	1	1	2	1	6
🔴 Supplier / Trader (of aviation parts)		1	1			2
🟡 OEM (of aircraft or engines or other aviation equipment / parts)					1	1
TOTAL	21	34	29	59	42	185

IATA airline representation

TOTAL 302
RESPONDED 136 (45%)

By IATA airline membership, # of airlines

TOTAL 17665
RESPONDED 13887 (77%)

By IATA airline fleet, # of aircraft
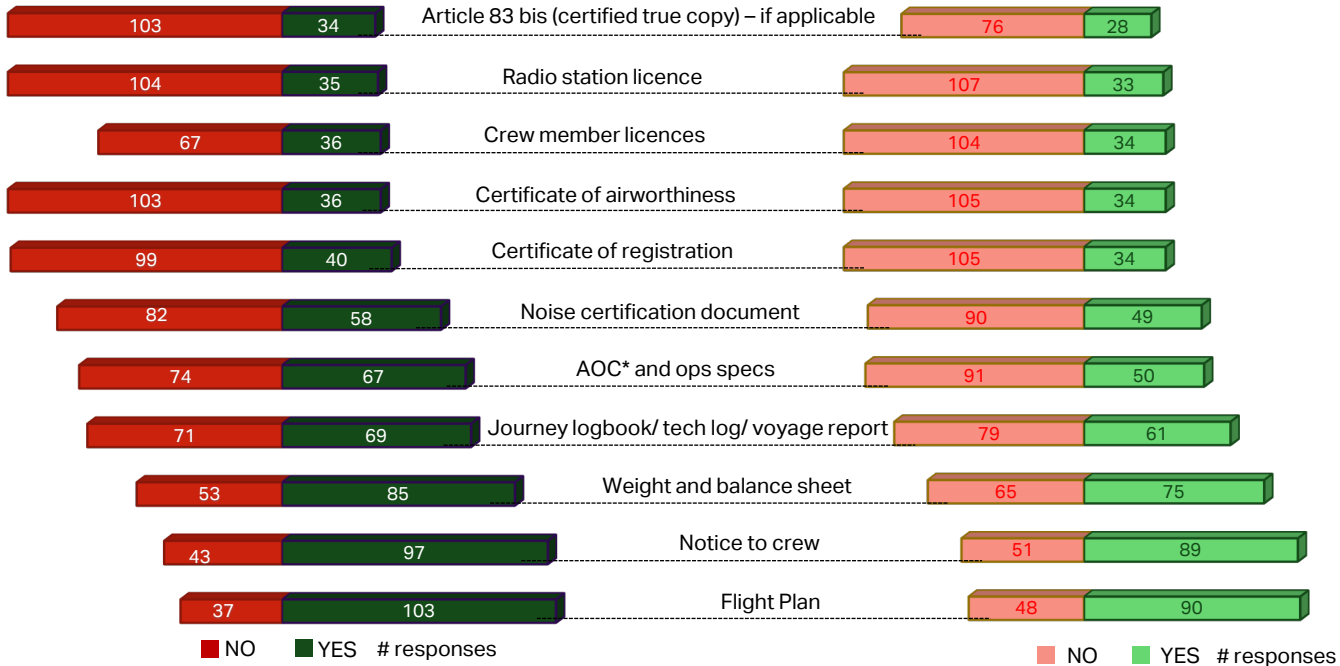(narrowbody, widebody, regional jet)

Use of Electronic Documents on Board and in Aircraft Technical Operations
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Carriage of documents in electronic format on board

Our Civil Aviation Authority **allows carrying** the following documents on board of the aircraft in electronic format

We carry the following documents on board of the aircraft in electronic format at least on one or more fleets

Document	NO (left)	YES (left)	NO (right)	YES (right)
Article 83 bis (certified true copy) – if applicable	103	34	76	28
Radio station licence	104	35	107	33
Crew member licences	67	36	104	34
Certificate of airworthiness	103	36	105	34
Certificate of registration	99	40	105	34
Noise certification document	82	58	90	49
AOC* and ops specs	74	67	91	50
Journey logbook/ tech log/ voyage report	71	69	79	61
Weight and balance sheet	53	85	65	75
Notice to crew	43	97	51	89
Flight Plan	37	103	48	90

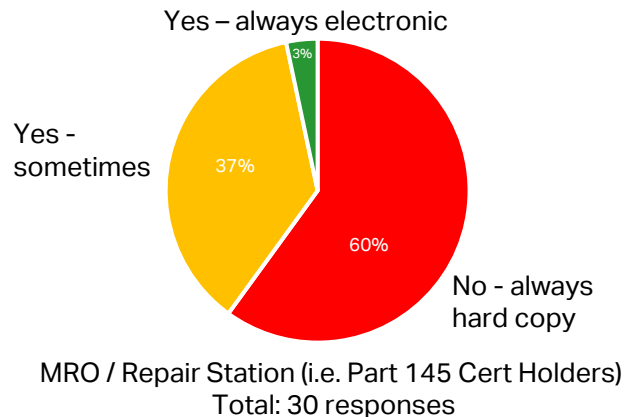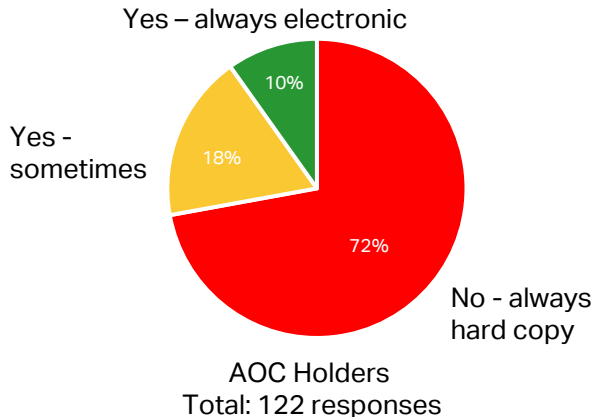■ NO   ■ YES   # responses   ■ NO   ■ YES   # responses

*AOC - Air Operators Certificate (AOC) (certified true copy) and operations specifications (copy)

<u>Note 1:</u> question applicable to AOC Holders, total - 143 responses

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ARC - Airworthiness Release Certificates

Does your organization use (i.e. accept and/or issue) Airworthiness Release Certificates (ARC) in real electronic format (i.e. other format than a digitized image/copy of the paper based original source ARC document) ?
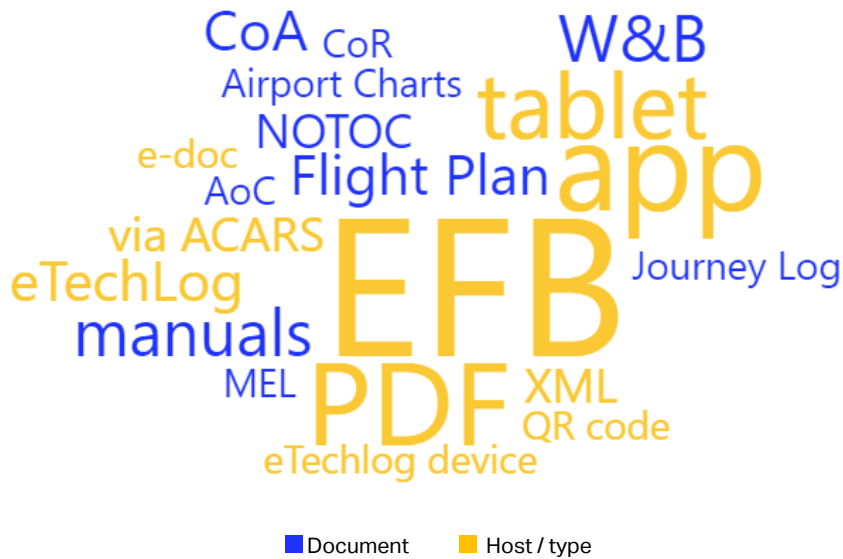

AOC Holders
Total: 122 responses

- Yes – always electronic: 10%
- Yes - sometimes: 18%
- No - always hard copy: 72%

MRO / Repair Station (i.e. Part 145 Cert Holders)
Total: 30 responses

- Yes – always electronic: 3%
- Yes - sometimes: 37%
- No - always hard copy: 60%

IATA Digital Aircraft Operations, 2023. dao@iata.org

Use of Electronic Documents on Board and in Aircraft Technical Operations
IATA study (August 2023)

Type of documents and host application for e-format
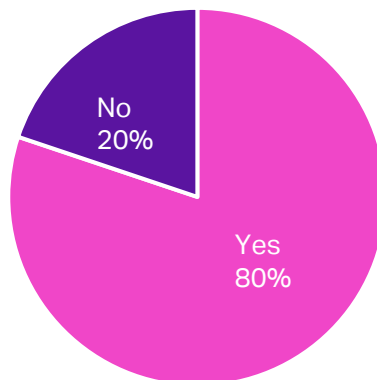

■ Document   ■ Host / type

Note 2 : size of the word corresponds to number of mentions. As an example, the most mentioned tool was EFB, the most mentioned document was Weight and Balance. Total mentions – 78 words

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Cybersecurity

In those cases of implementing the electronic format for the documents (if any) did your company consult with cybersecurity team or cybersecurity experts?

No
20%

Yes
80%

Total: 172 responses