



DANGEROUS GOODS General Knowledge



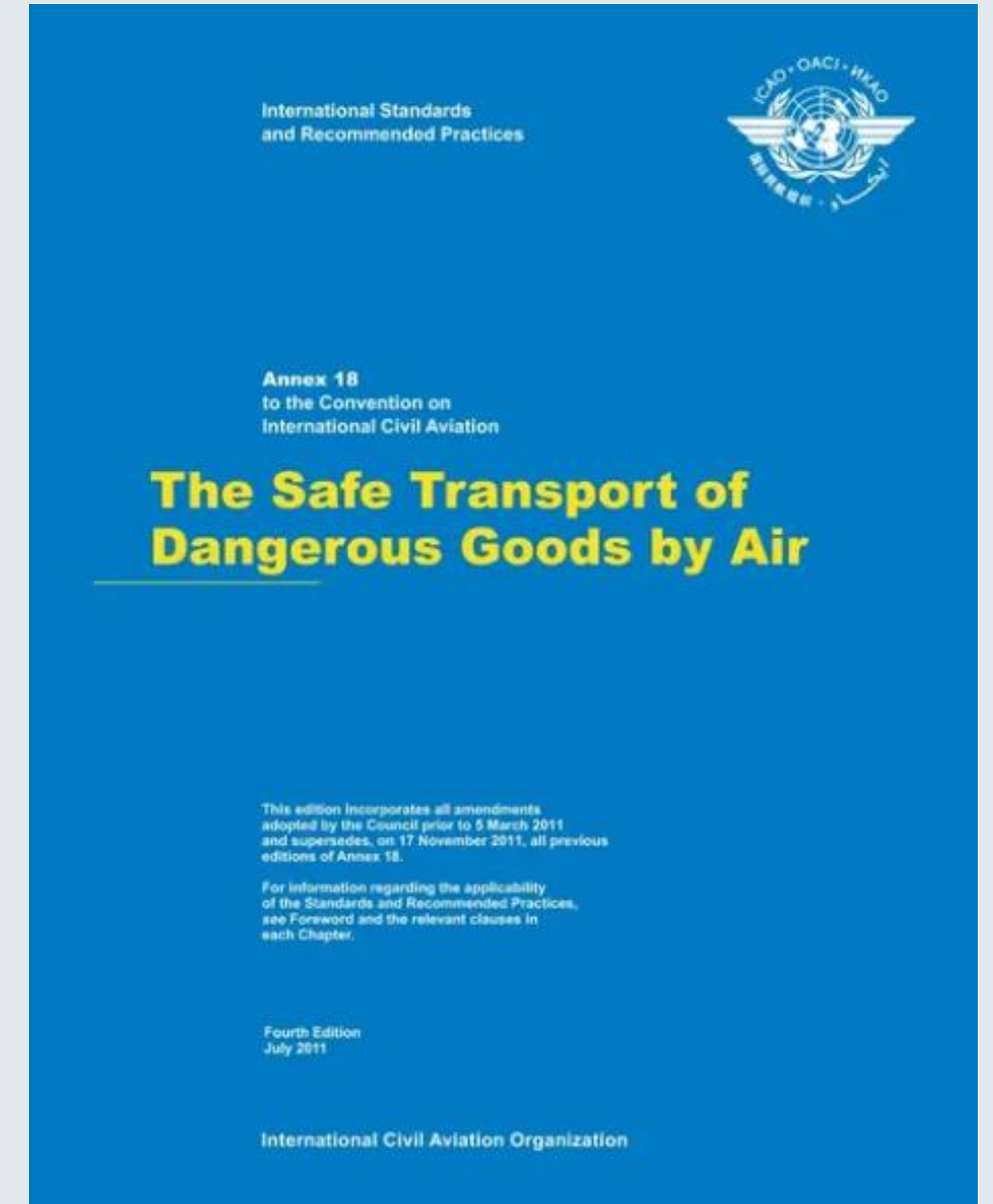
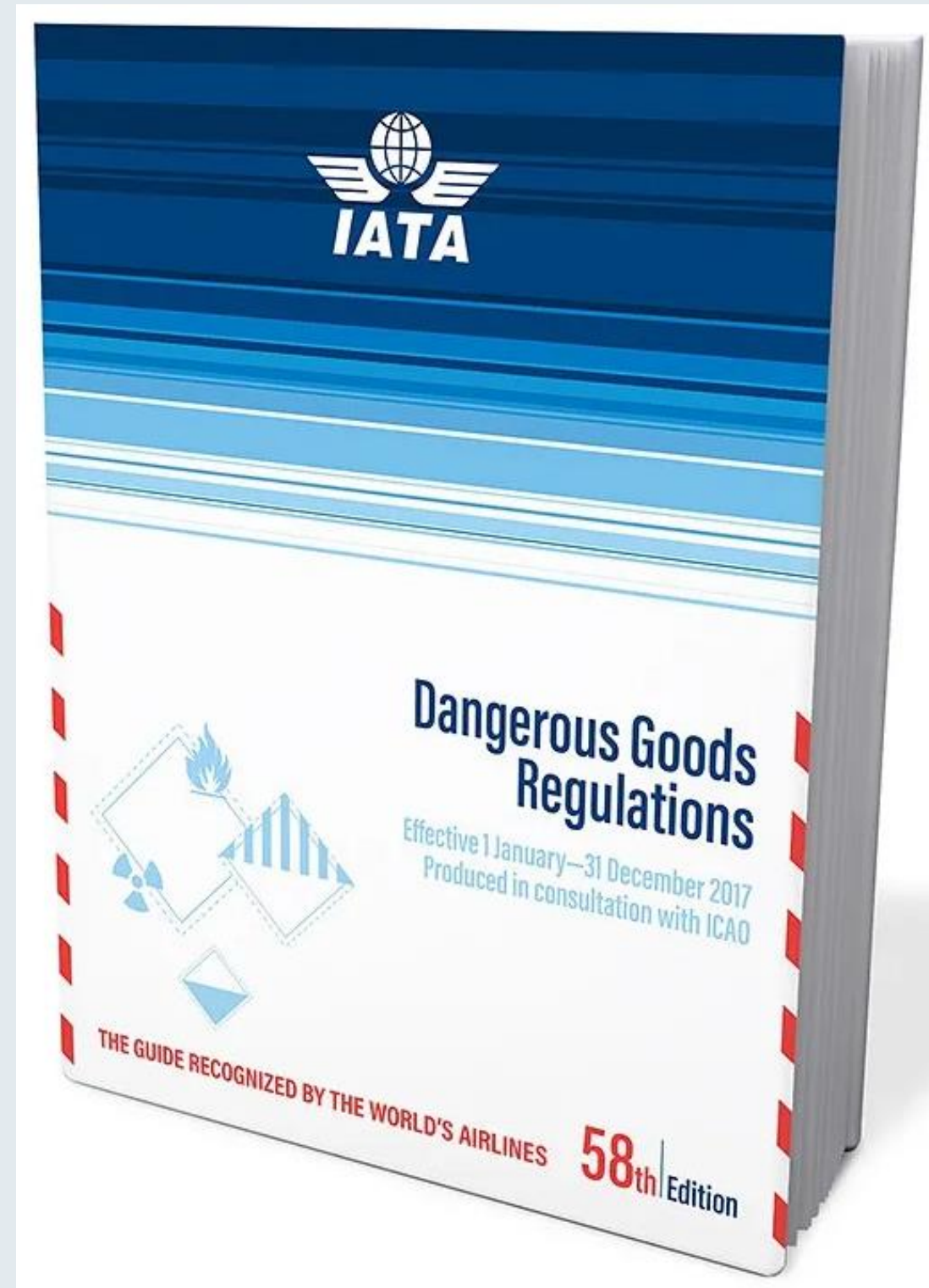
Definition:

They are ARTICLES or SUBSTANCES that are capable of endangering HEALTH, SAFETY, PROPERTY, or the ENVIRONMENT.



Definition:

They are those that are also included in the Regulations.





DANGEROUS GOODS Regulatory Framework



Regulatory Framework

The main reference document is ANNEX 18 – ICAO / ICAO – International Civil Aviation Organization.

International Standards
and Recommended Practices



Annex 18
to the Convention on
International Civil Aviation

The Safe Transport of Dangerous Goods by Air

Doc 9284

Technical Instructions for the Safe
Transport of Dangerous Goods by Air

2025–2026 Edition



Approved and published by decision of the Council of ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Regulatory Framework

From it derives ICAO

Doc 9284 entitled:

**Technical instructions
for the SAFE Transport
of Dangerous Goods.**

The air transport industry has accepted in its usual practices the documentation of IATA – International Airlines Transport Association, since this organization has the most up-to-date information since it has the contribution of information that the aeronautical industry itself collects through daily practice.



The IATA Dangerous Goods Regulations are updated ANNUALLY, are in electronic format and are a publicly traded publication.





DANGEROUS GOODS

General Principles





In general, and to make this transport SAFE, the following are used...

PACKAGING SYSTEMS.

For the transport of **DANGEROUS GOODS** must be used **PACKAGING SYSTEMS** certificates, which are called **CONFORMING** , that is, they have complied with certain tests or additional requirements for air transport.

They have withstood pressure tests, vibration and temperature resistance, stacking, and have passed packaging and quality testing requirements that are specified in SECTION 5 of the IATA Regulations.

We must consider that there are **HIDDEN DANGEROUS GOODS** that is, they may be as such inside or forming part of another object / element or substance that due to ignorance will constitute **DANGEROUS** when transported by air.

There are dangerous goods that are PROHIBITED to transport.

They are classified and cataloged in the respective Tables of the IATA Manuals, although their transport is NOT allowed.



Packaging must be MARKED and LABELLED
(SECTION 7 of the IATA Regulations) the Marks and Labels being standardized in their dimensions, colors and location.



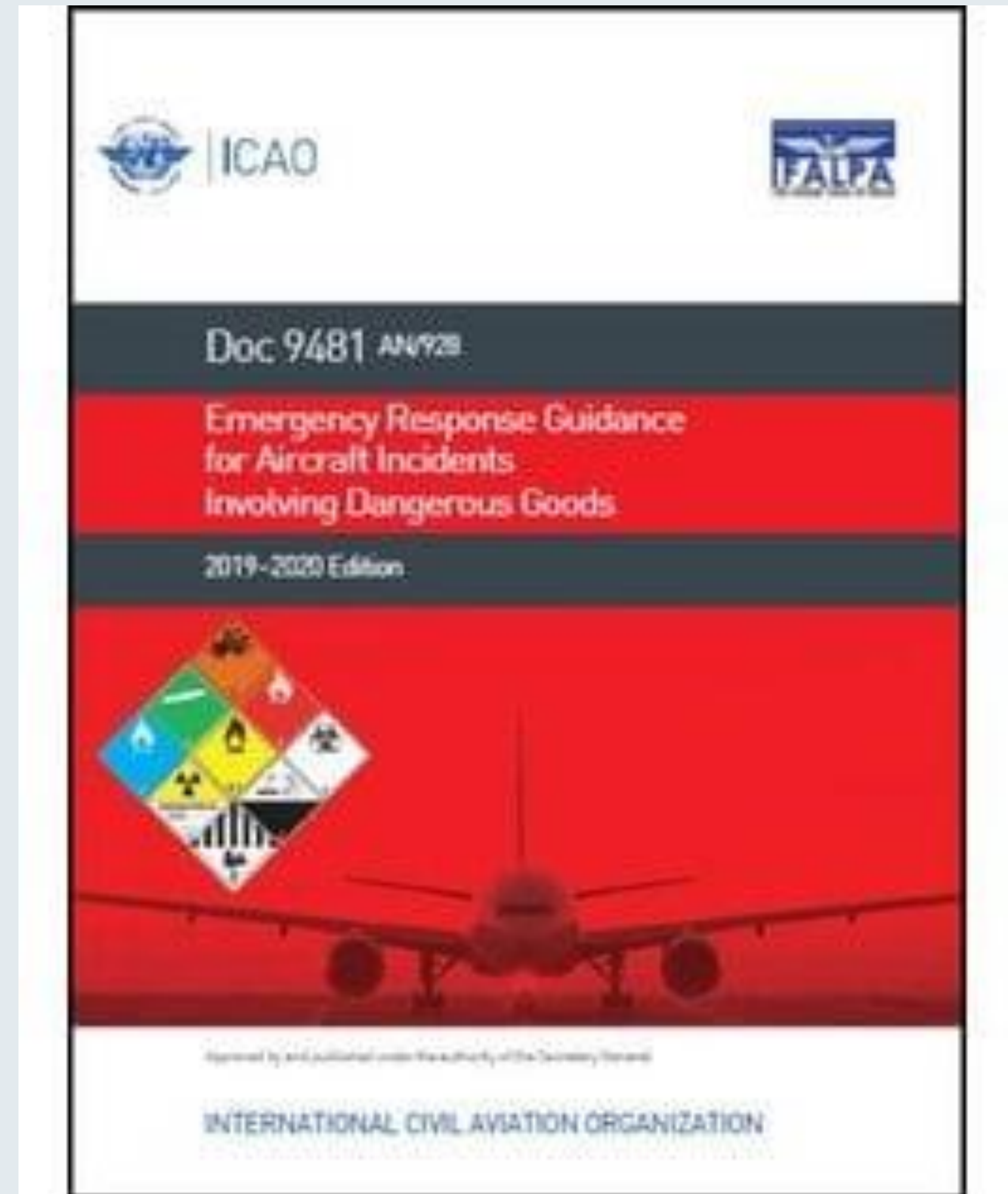
There are dangerous goods that are PROHIBITED to transport.

Special attention must be paid in the case of **RADIOACTIVE MATERIALS** whose handling, care and transport is regulated by the international and national authorities of Atomic Energy.

That is why RADIOACTIVE MATERIALS
deserve a separate chapter within the
Regulations



Dangerous Goods must be transported although they must have Documentation that guarantees reliable knowledge of who the shipper is, the consignee, description of the same, description of the quantity, contacts in case of loss, misplacement, as well as having immediate information in case of having to respond to an EMERGENCY situation during the transport of the same. – CRE= EMERGENCY RESPONSE GUIDANCE – ICAO DOC 9481



Dangerous Goods must be transported although they must have Documentation that guarantees reliable knowledge of who the shipper is, the recipient, description of the same, description of the quantity, contacts in case of loss, misplacement, as well as having immediate information in case of having to respond to an EMERGENCY situation during the transport of the same. -CRE= EMERGENCY RESPONSE CODE - ICAO DOC 9481

SHIPPER'S DECLARATION FOR DANGEROUS GOODS (Provide at least three copies to UPS)

Shipper: The Firm
ABC Company
123 Main St
New York, NY 10001, United States of America

Consignee: Mr. Bob
XYZ Corporation
456 High St
Boston, MA 02101, United States of America

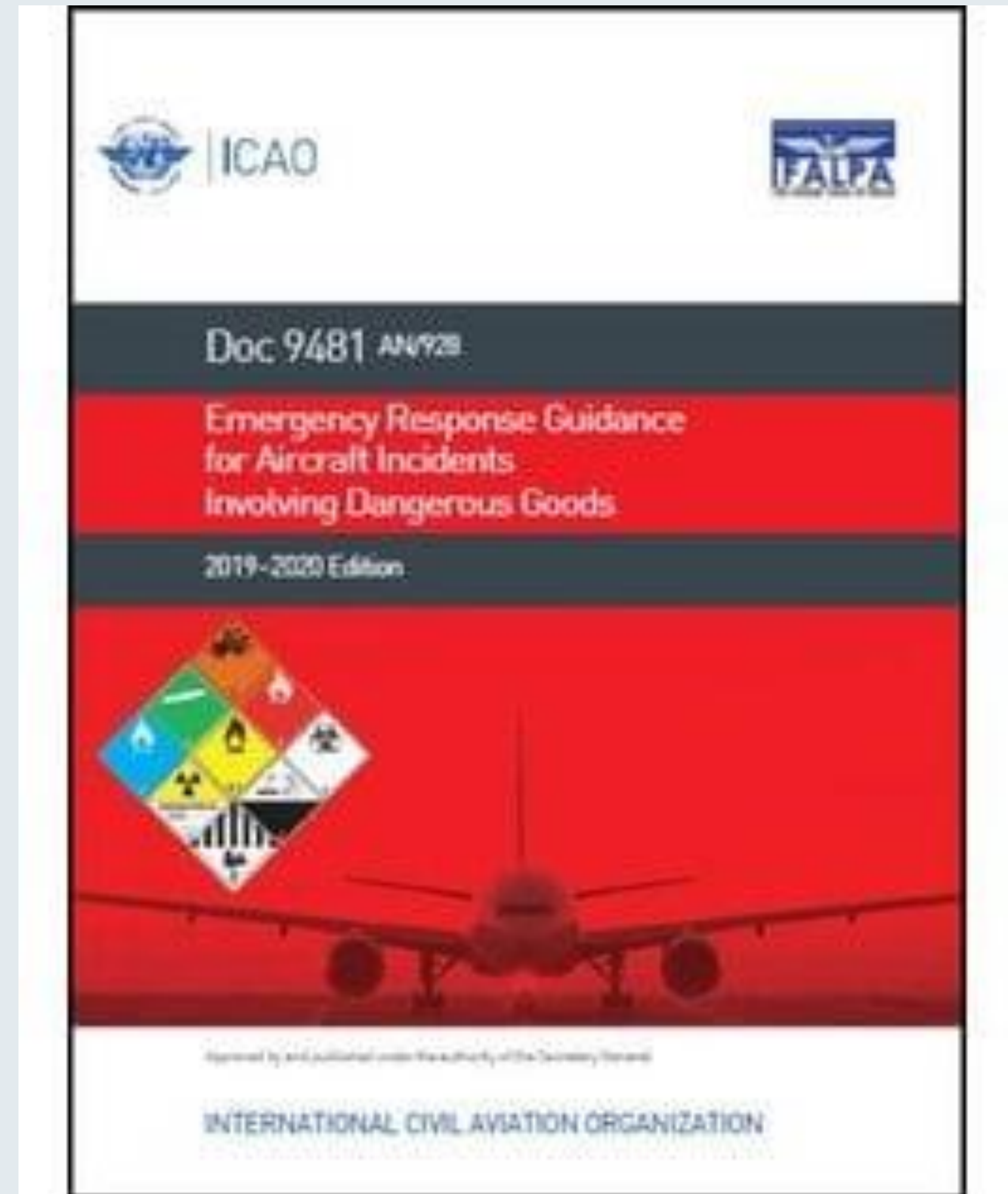
ADDITIONAL INFORMATION: **EMERGENCY RESPONSE CODE**

WARNING: Failure to comply in all respects with the applicable Dangerous Goods Regulations may be in breach of the applicable law, subject to legal penalties.

NATURE AND QUANTITY OF DANGEROUS GOODS:
Proper Shipping Name, Class or Division, UN Number or identification Number, Packing Group if required, Number of packages, and all other required information.
UN3092, Class 3, 2, 5, 1 (Flammable liquid, n.s.l.)

Signature Section:
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I declare that all of the applicable air transport requirements have been met.
Signature: *Bob Package/Shipping Manager*
Date: *10-10-2017*
Title: *Bob Package*

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The information to be able to respond to a possible emergency during the transport of PM must be in the possession and knowledge of the transporter.





Thanks

DRONESVIP | CIVIL AERONAUTICAL
TRAINING CENTER

