

DANGEROUS GOODS REGULATIONS, VIOLATIONS & ENFORCEMENT

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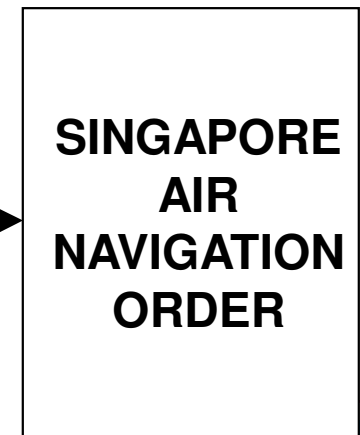
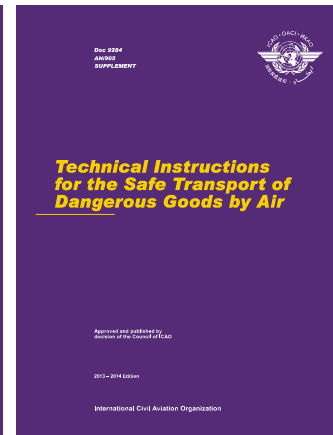
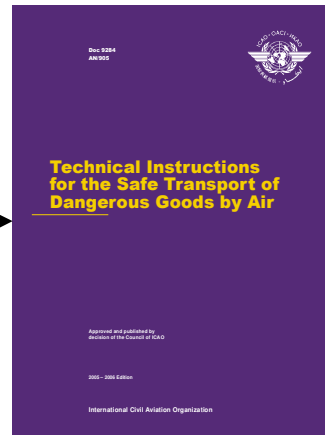
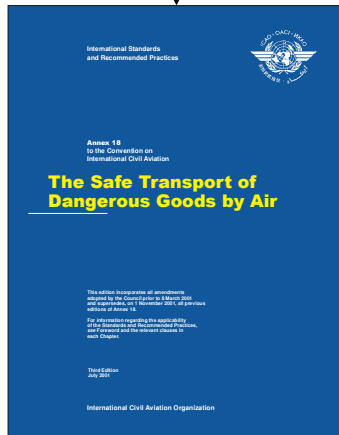
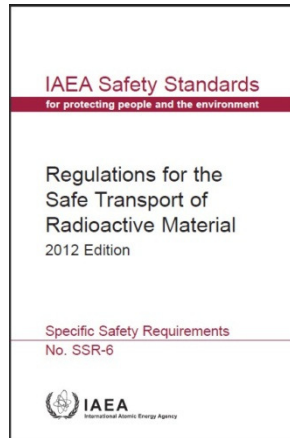
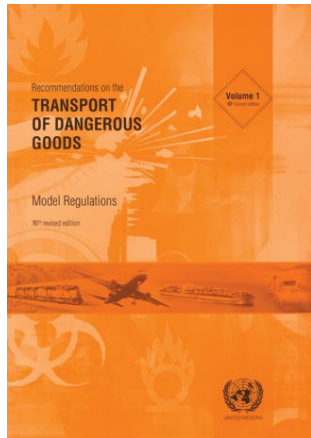


The statements and presentations are for the purposes of information sharing to raise awareness and do not represent that there is no other applicable policy or other relevant factors that will be considered as much depends on the actual circumstances of the particular case.

SCOPE OF PRESENTATION

- Basis of the Regulations
- Air Navigation Order
- Dangerous Goods and Munitions of War Violations
- Common Causes of Violations

BASIS OF REGULATIONS



AIR NAVIGATION ORDER - PART VB

- 50B - Definitions of this Part
- 50C - Permit for Carriage of Munitions War
- 50D - Permit for Carriage of Dangerous Goods
- 50DA - Approval for Transport of Dangerous Goods or Other Purpose
- 50DB - Dangerous Goods in Air Mail
- 50E - Responsibilities of Operators and Shippers
- 50F - Power to Inspect, Examine and Obtain Samples
- 50G - Reporting and Investigation of Occurrences
- 50H - Exemption from the Provisions of Technical Instructions.

AIR NAVIGATION ORDER – NINETEENTH SCHEDULE

- Part II: Operator's Responsibilities
- Part III: Shipper's Responsibilities
- Part IV: Training
- Part V: Retention of Records

PART II OF NINETEENTH SCHEDULE - OPERATOR'S RESPONSIBILITIES -

- Acceptance of dangerous goods or munitions of war consignments
- Storage and loading of dangerous goods or munitions of war on an aircraft in accordance to the ICAO TI.
- Inspection of the unit load device to ensure that it is found free from damage or leakage.
- Provision of information to all flight crew members to enable them to carry out their responsibilities for carriage of dangerous goods and munitions of war.
- Reporting of dangerous goods occurrences.
- Retention of Training Records.
- Training.

PART III OF NINETEENTH SCHEDULE - SHIPPER'S RESPONSIBILITIES -

- Classification
- Packaging
- Marking & Labelling
- Documentation
- Training

AIR NAVIGATION ORDER

- For details of the Air Navigation Order (ANO), please visit the CAAS website i.e www.caas.gov.sg under Regulations.

PENALTIES ACCORDING TO THE ANO

- Contravention of Paragraphs 50C, 50D and 50E:
 - a fine not exceeding S\$100,000 or to imprisonment for a term of five years, or to both.
- Contravention of Paragraph 50G:
 - a fine not exceeding S\$10,000 or in the case of a second or subsequent conviction for the like offence to a fine not exceeding \$20,000.

ANTICIPATED CHANGES TO THE PENALTIES

- CAAS is currently reviewing the regulations with a view to introduce composition fines for some of the offences relating to the carriage of dangerous goods by air in the ANO.

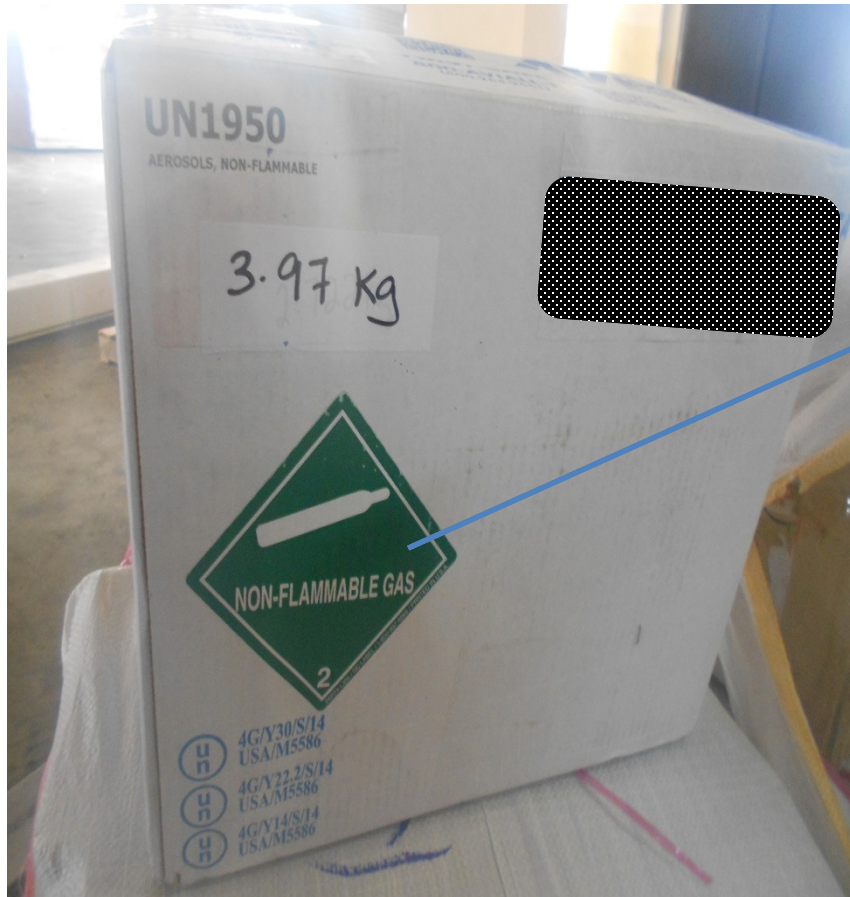
DANGEROUS GOODS AND MUNITIONS OF WAR VIOLATIONS

- Between Jan to July 2016, 25 incidents involving dangerous goods or munitions of war were reported to CAAS.
- 14 incidents involved the carriage of lithium batteries and hover boards.
- Violations Include
 - Carriage of dangerous goods or munitions of war without a permit from CAAS
 - Mis-declared or Undeclared Dangerous Goods
 - Mishandling / Damage / Spillage of Dangerous Goods

DANGEROUS GOODS AND MUNITIONS OF WAR VIOLATIONS



DANGEROUS GOODS AND MUNITIONS OF WAR VIOLATIONS



DANGEROUS GOODS AND MUNITIONS OF WAR VIOLATIONS



COMMON CAUSES OF VIOLATIONS

- Failure to train employees with accordance to the dangerous goods regulations. (i.e no training, inadequate training or lapse in training);
- Non-compliance with established procedures;
- Lack of or mis-communication between shippers and their cargo agents; or personnel within various departments of the cargo agents, resulting in the mis-declaration or non-declaration of dangerous goods;
- Reused of packaging materials previously used to contain dangerous goods on general cargo;
- Time Pressure / Carelessness.

Thank You