International Civil Aviation Organization

DGP/26-WP/20
21/6/17

WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-SIXTH MEETING

Montréal, 16 to 27 October 2017

Agenda Item 4: Development of recommendations for amendments to the *Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481) for incorporation in the 2019-2020 Edition

DRAFT AMENDMENTS TO THE EMERGENCY RESPONSE GUIDANCE FOR AIRCRAFT INCIDENTS INVOLVING DANGEROUS GOODS

(Presented by the Secretary)

SUMMARY

This working paper contains draft amendments to the *Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481) to reflect the decisions taken by the UN Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals at its eighth session (Geneva, 9 December 2016). It also reflects amendments agreed by DGP-WG/16 (Montréal, 17 to 21 October 2017) and DGP-WG/17 (Montréal, 24 to 28 April 2017).

The DGP is invited to agree to the draft amendments in this working paper.

Section 4

CHART OF DRILLS AND LIST OF DANGEROUS GOODS WITH DRILL REFERENCE NUMBERS

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4.3 NUMERICAL LIST OF DANGEROUS GOODS WITH DRILL CODES

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Table 4-1. Aircraft Emergency Response Drills

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DRILL NO.	INHERENT RISK	RISK TO AIRCRAFT	RISK TO OCCUPANTS	SPILL OR LEAK PROCEDURE	FIREFIGHTING PROCEDURE	ADDITIONAL CONSIDERATIONS
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DGP-WG/17 (see paragraph 3.4.1 of DGP/26-WP/3):						
9	No general inherent risk	As indicated by the drill letter	As indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation if "A" drill letter	All agents according to availability ~~— use water if available on "Z" drill letter; no water on "W" drill letter~~	~~If "Z" drill letter, consider landing immediately; otherwise, n~~None
10	Gas, flammable, high fire risk if any ignition source present	Fire and/or explosion	Smoke, fumes and heat, and as indicated by the drill letter	Use 100% oxygen; establish and maintain maximum ventilation; no smoking; minimum electrics	All agents according to availability	Possible abrupt loss of pressurization
11	Infectious substances may affect humans or animals if inhaled, ingested or absorbed through the mucous membrane or an open wound	Contamination with Infectious substances	Delayed infection to humans or animals	Do not touch. Minimum re-circulation and ventilation in affected area	All agents according to availability. No water on "Y" drill Letter	Call for a qualified person to meet the aircraft
DGP-WG/16 (see paragraph 3.5.3.6 of DGP/26-WP/2) and DGP-WG/17 (see paragraph 3.4.2 of DGP/26-WP/3):						
12	Fire, heat, smoke, toxic and flammable vapour	Fire and/or explosion	Smoke, fumes, heat	Use 100% oxygen; establish and maintain maximum ventilation	All agents according to availability. Use water if available	Possible abrupt loss of pressurization; consider landing immediately
	. . .					

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DGP-WG/16 (see paragraph 3.5.3.6 of DGP/26-WP/2):

Amend Tables 4-2 and 4-3 as indicated:

UN No.	*Drill Code*	*Proper shipping name*
3090	~~9FZ~~12FZ	Lithium metal batteries
3091	~~9FZ~~12FZ	Lithium metal batteries contained in equipment
3091	~~9FZ~~12FZ	Lithium metal batteries packed with equipment
3480	~~9F~~12FZ	Lithium ion batteries
3481	~~9F~~12FZ	Lithium ion batteries contained in equipment
3481	~~9F~~12FZ	Lithium ion batteries packed with Equipment

UN Model Regulations, Dangerous goods list (see ST/SG/AC.10/44/Add.1) and DGP-WG/17 (see paragraph 3.4.2 of DGP/26-WP/3)

The following needs to be considered:
— how to handle drill codes for the new n.o.s. entries for articles which do not have subsidiary risks assigned (instead a reference to new provisions for determining subsidiary risk in Part 2, Introductory chapter, paragraph 6 is provided in in column 4 of the dangerous goods list)
— what drill code should be assigned to lithium batteries installed in cargo transport unit

UN No.	*Drill Code*	*Proper shipping name*
3535	6F	Toxic solid, flammable, inorganic, n.o.s.*
3536	?	Lithium batteries installed in cargo transport unit
3537	10?	Articles containing flammable gas, n.o.s.*
3538	2?	Articles containing non-flammable, non toxic gas, n.o.s.*
3539	2P?	Articles containing toxic gas, n.o.s.*
3540	3?	Articles containing flammable liquid, n.o.s.*
3541	3?	Articles containing flammable solid, n.o.s.*
3542	4?	Articles containing a substance liable to spontaneous combustion, n.o.s.*
3543	4W?	Articles containing a substance which emits flammable gas in contact with water, n.o.s.*
3544	5?	Articles containing oxidizing substance, n.o.s.*
3545	5?	Articles containing organic peroxide, n.o.s.*
3546	6?	Articles containing toxic substance, n.o.s.*
3547	8?	Articles containing corrosive substance, n.o.s.*
3548	9?	Articles containing miscellaneous dangerous goods, n.o.s.*

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