



## 危险物品专家组 (DGP)

### 第二十六次会议

2017年10月16日至27日，蒙特利尔

议程项目2： 拟定对《危险物品安全航空运输技术细则》(Doc 9284号文件)的修订建议，以便纳入2019年—2020年版

### 在货机上装载的发动机的可接近性

(由D. Brennan提交)

#### 摘要

本工作文件提议去除对于在货机上装载UN 3528 和UN 3529时，机组人员须能接近这些物品、或须装入C级航空器货舱的要求。

**危险物品专家组的行动:**请危险物品专家组审议本工作文件附录中所示对第7部分7;2.4.1.2的修订。

## 1. INTRODUCTION

1.1 The 2017-2018 Edition of the Technical Instructions includes changes to the classification of engines following adoption of changes from the 19<sup>th</sup> revised edition of the UN Model Regulations.

1.2 As a consequence of the change to the classification of engines from Class 9 to Division 2.1 for UN 3529 and Class 3 for UN 3528, these engines are now subject to the conditions set out in Part 7;2.4.1.1 when consigned as a cargo aircraft only and must be loaded onto a cargo aircraft either accessible to flight crew during flight, or loaded into a Class C cargo compartment.

1.3 Prior to 2017, engines were classified in Class 9, and consequently were not subject to the loading restrictions on a cargo aircraft. For large aircraft engines, this allow for the engine to be loaded with only the aircraft weight and balance to be considered as the limiting factor. Typically this will have the engine loaded on the main deck near the aircraft centre of gravity along the aircraft centre line. In this loading position it is very likely that the engine will no longer be accessible to the flight crew during flight.

1.4 Given that prior to 2017 there was no need to have aircraft engines, or other engines, accessible to the flight crew when carried on a cargo aircraft it is proposed to include UN 3528 and UN 3529 into the list of exceptions from accessibility in Part 7;2.4.1.2.

2. **ACTION BY THE DGP**

2.1 The DGP is invited to agree to the proposal to modify Part 7;2.4.1.2 as shown in the appendix to this working paper.

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## 附录

### 对《技术细则》第7部分的拟议修订

#### 第7部分

#### 运营人的责任

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#### 第2章

#### 仓储和装载

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#### 2.4 危险物品的装载与固定

##### 2.4.1 货机的装载

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- ≠ 2.4.1.2 2.4.1.1 a)、b) 或 c) 的规定不适用于如下物质：
- a) 易燃液体 (第 3 类)、III 级包装，不包括带有第 8 类次要危险性的易燃液体；
  - b) 毒性物质 (6.1 项)，没有除第 3 类之外的其他次要危险性；
  - c) 感染性物质 (6.2 项)；
  - d) 放射性物质 (第 7 类)；
  - e) 杂类危险物品 (第 9 类)。

- f) UN 3528 — ~~内燃机，易燃液体动力，或燃料电池发动机，易燃液体动力，或内燃机器，易燃液体动力，或燃料电池机器，易燃液体动力；~~
- g) ~~UN 3529 — 内燃机，易燃气体动力，或燃料电池发动机，易燃气体动力，或内燃机器，易燃气体动力，或燃料电池机器，易燃气体动力；~~

注：如用未加压的货机货舱运输危险物品，在巡航高度层会出现高达 75 kPa 的大幅压差。在正常大气压力下充填的包装件可能不能承受这一压差。应该获得托运人对包装适宜性的确认。

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