



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)**

**TWENTIETH MEETING**

**Montréal, 24 October to 4 November 2005**

**Agenda Item 2: Development of recommendations for amendments to the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284) for incorporation in the 2007-2008 Edition**

**TRANSPORT OF UN 3166, ENGINES INTERNAL COMBUSTION**

(Presented by M. Evans)

**1. INTRODUCTION**

1.1 When shipping an internal combustion engine that is not installed in a vehicle, it must be consigned under UN 3166, **Engines, internal combustion** (flammable gas powered) or UN 3166 **Engines, internal combustion** (flammable liquid powered). Both of these entries contain Special Provisions A121 and A134.

1.2 Special Provision A134 was added to the 2005-2006 edition of the Technical Instructions to align with UN Special Provision 314.

1.3 Special Provision A121 states that;

The entries of **Vehicle; flammable gas powered** or **Vehicle, flammable liquid powered**, as appropriate, must be used when internal combustion engines are installed in a vehicle.

1.4 Special Provision A134 states that;

Vehicles which contain an internal combustion engine must be consigned under the entries UN 3166 **Vehicle, flammable gas powered** or UN 3166 **Vehicle, flammable liquid powered**, as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed.

1.5 These two special provision both contain the same requirement with SP A134 having the additional information for the shipment of hybrid electric vehicles.

## 2. **PROPOSAL**

2.1 It is proposed to remove Special Provision A121 and to remove the references to it from the entries in Table 3.1 UN 3166 **Engines, internal combustion** (flammable gas powered) and UN 3166 **Engines, internal combustion** (flammable liquid powered).

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