

RA 3267 - Aerodrome Vehicle Marking and Lighting Requirements

Rationale

► *Specific vehicular movement on Aerodromes is essential to support Aerodrome operations. Incorrectly marked and / or lit vehicles increase Risk to Life during Aerodrome operations.* ◀ *Vehicles operating on Movement Areas* ► *therefore* ◀ *need to be* ► *appropriately marked and / or lit to ensure they are* ◀ *readily visible to Air Traffic Control (ATC) and Air System crews.*

Contents

3267(1): Aerodrome Vehicle Marking and Lighting Requirements

Regulation 3267(1)

Aerodrome Vehicle Marking and Lighting Requirements

3267(1) All vehicles operating regularly on the Movement Area of an Aerodrome **shall** have appropriate marking and lighting.

Acceptable Means of Compliance 3267(1)

Aerodrome Vehicle Marking and Lighting Requirements

1. With the exception of emergency vehicles, all vehicles¹ operating regularly within the Movement Area of an Aerodrome **should** be conspicuous in colour (ideally yellow) so as to be clearly seen from the air and from the ground.
2. Where vehicles will be used regularly on the Movement Area but are unable to meet the provisions of para 1 (ie Fuel Bowsers in Desert pattern), they **should** be clearly marked with yellow so as to be clearly visible from the ground and the air.
3. **Obstructions.** Vehicles which are defined as obstructions within the Runway, approach funnel or taxiway clearance areas² (eg Truck Runway ► **Control** ◀) **should** have their external vertical planes painted with a uniform red-and-white chequered pattern. The sides of the squares or near squares **should** be at least 1 m (3 ft) in size; the corners being in red, and the whole top surface yellow.
4. **Vehicle Lighting.** Vehicles regularly employed within the Aerodrome Movement Area **should** be equipped with the following lighting:
 - a. Occulting Blue:
 - (1) Ambulances (all types).
 - (2) Fire Vehicles (all types).
 - (3) Police Vehicles (all types).
 - b. Occulting Green:
 - (1) Medical officers' vehicles.
 - c. Flashing Amber:
 - (1) ► **Aircraft** ◀ Maintenance / towing vehicles.
 - (2) Snow clearance vehicles.
 - (3) Bulk gritter.
 - (4) ATC vehicles.
 - (5) Brake parachute recovery (various types).
 - (6) Runway sweeper.
 - (7) Vehicles used for Maintenance on the Aerodrome.
 - (8) Refuelling vehicles.
 - (9) Logistics / Movements vehicles (eg catering truck).
5. Where designated vehicles are not available (eg due to servicing), replacement vehicles **should** utilize Hazard warning lights.

¹ This does not include private vehicles used to travel to / from work locations.

² As defined in the ► **RA 3500 Series of Regulations: Aerodrome Design and Safeguarding.** ◀

**Guidance
Material
3267(1)**

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6. **Emergency Vehicles.** Fire vehicles will be painted signal red (UK only).