

New Carburettor icing-probability chart

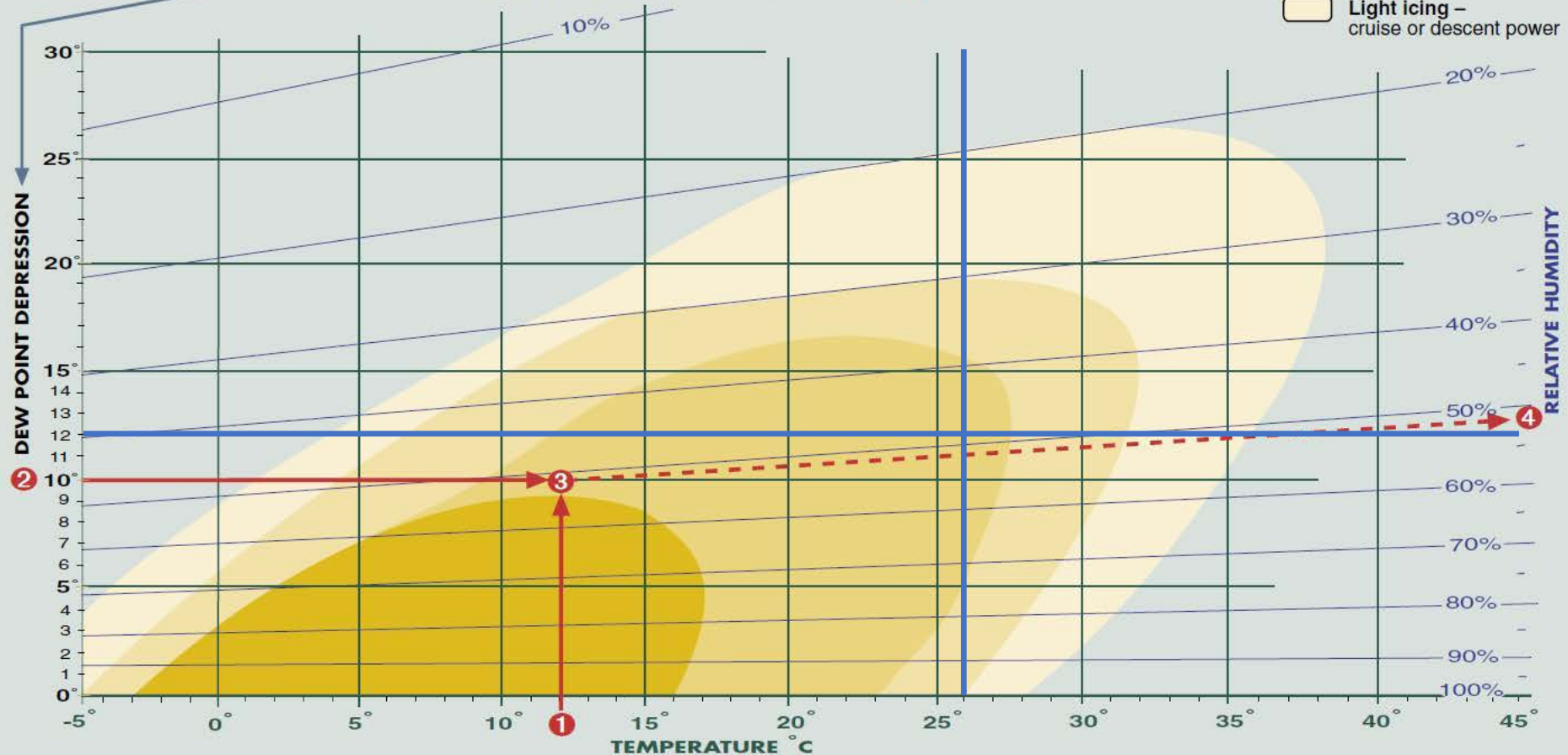
To work out dew point depression:

$$\text{Temp} \text{ Minus } \text{Dew Pt.} = \text{Dew Pt. Depression}$$

To use this chart:

- obtain the temperature and dew point
- calculate the difference between the two. This is the 'dew point depression'
- for example, if the temperature is 12° C **①** and the dew point is 2° the dew point depression will be 10° **②**
- for icing probability, refer to the shading legend appropriate to the intersection of the lines **③**
- for relative humidity, refer to the right hand scale **④**

- Serious icing** – any power
- Moderate icing** – cruise power;
Serious icing – descent power
- Serious icing** – descent power
- Light icing** – cruise or descent power



METAR KMFD 302252Z 34008KT 10SM CLR 26/14 A3017

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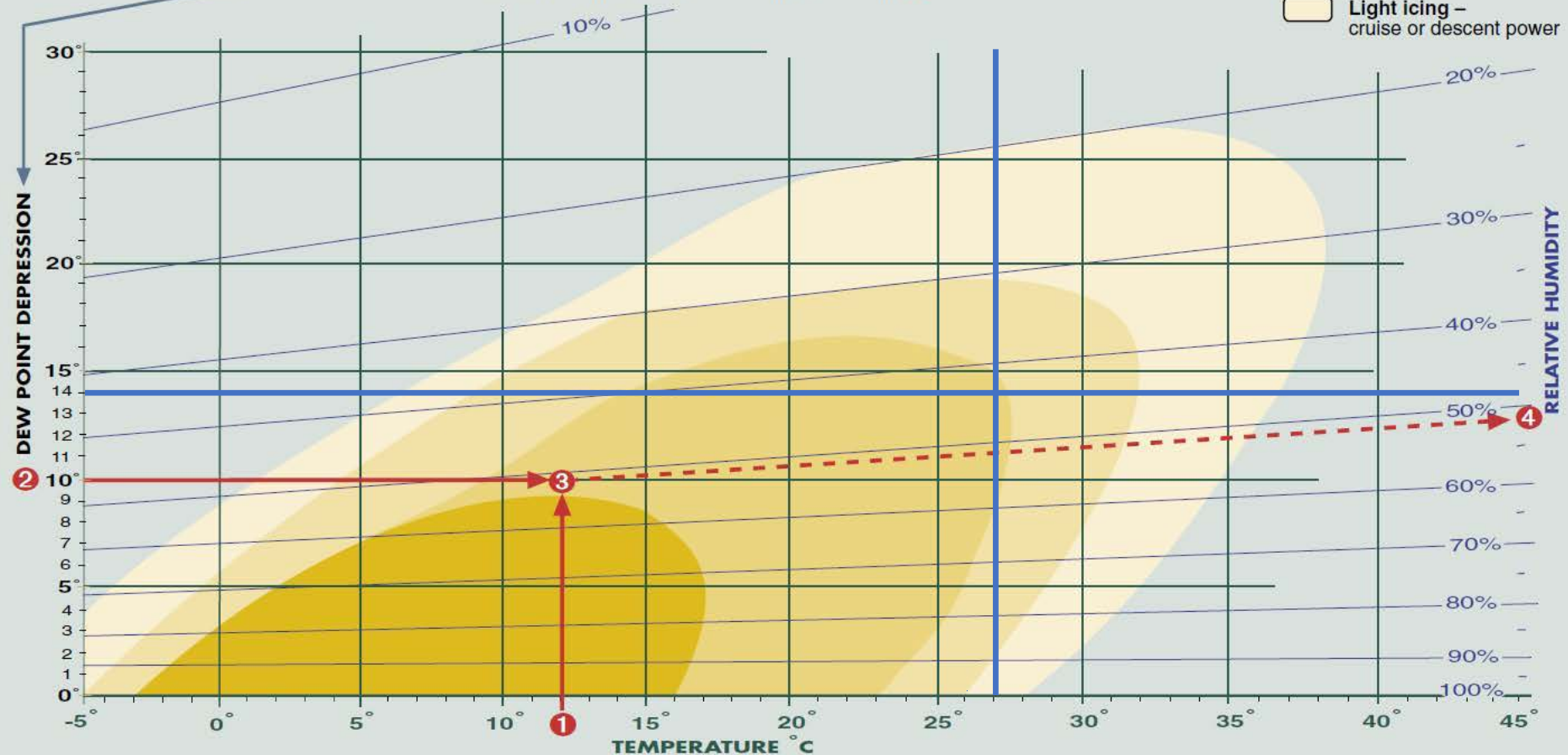
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- for icing probability, refer to the shading legend appropriate to the intersection of the lines ③
- for relative humidity, refer to the right hand scale ④

- Serious icing – any power
- Moderate icing – cruise power; Serious icing – descent power
- Serious icing – descent power
- Light icing – cruise or descent power



KMFD 302152Z 36009KT 10SM CLR 27/13 A3017

New Carburettor icing-probability chart

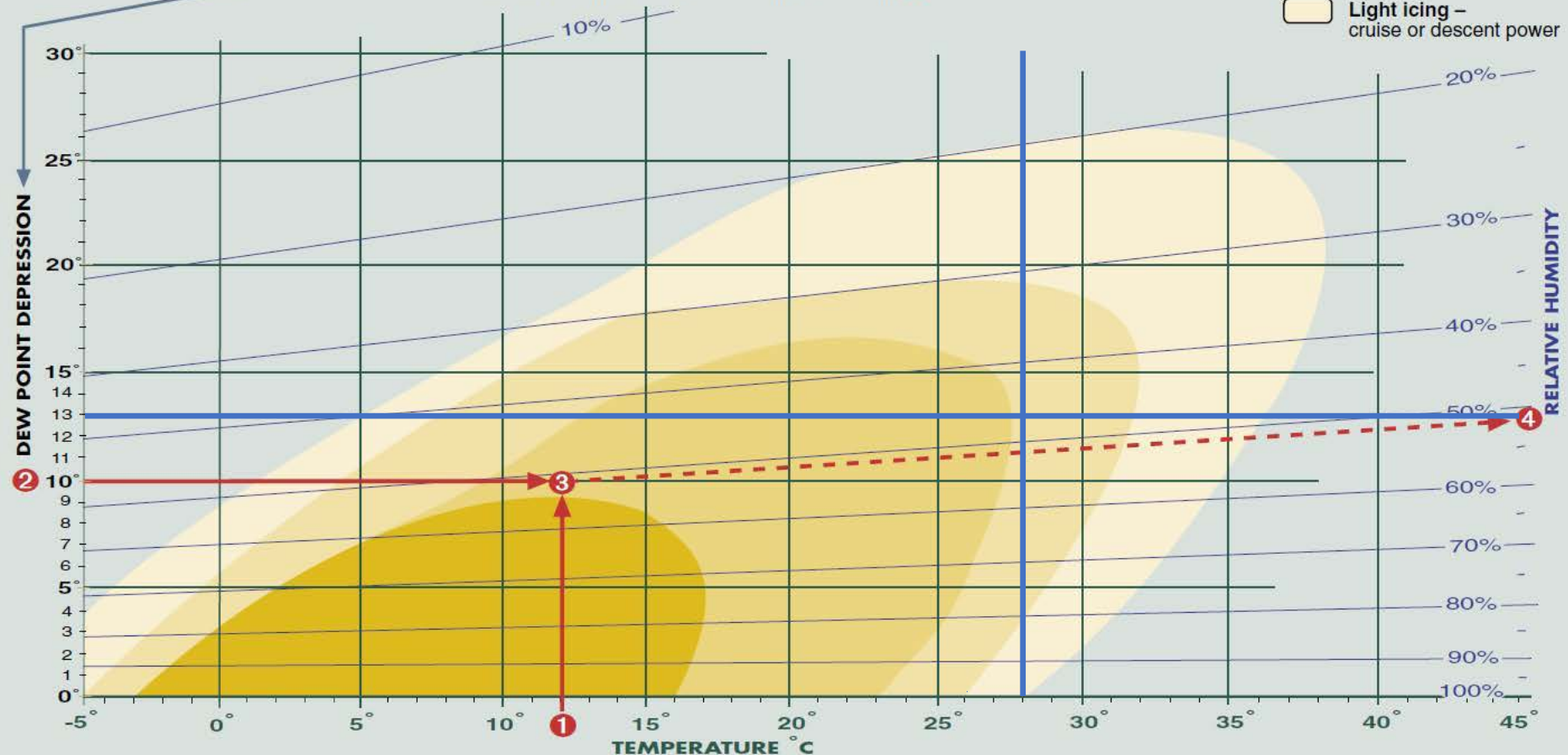
To work out dew point depression:

$$\text{Temp} \text{ Minus } \text{Dew Pt.} = \text{Dew Pt. Depression}$$

To use this chart:

- obtain the temperature and dew point
- calculate the difference between the two. This is the 'dew point depression'
- for example, if the temperature is 12° C **1** and the dew point is 2° the dew point depression will be 10° **2**
- for icing probability, refer to the shading legend appropriate to the intersection of the lines **3**
- for relative humidity, refer to the right hand scale **4**

- Serious icing** – any power
- Moderate icing** – cruise power;
Serious icing – descent power
- Serious icing** – descent power
- Light icing** – cruise or descent power



KMFD 302052Z 34011KT 10SM CLR 28/15 A3017