

Runway installation tolerances / Tolérances installation voie de roulement				
Item	Figure	Overall Tolerance Tolérance globale	Maximum rate of change Taux de variation maximal	Applicable standard Norme applicable
Span / Portée		$L \leq 50'$ $A = \frac{3}{16}"$ $L > 50' \leq 100'$ $A = \frac{1}{4}"$ $L > 100'$ $A = \frac{3}{8}"$	$\frac{1}{4}" / 20' - 0"$	CMAA 70 & 74 Table 1.4 CISC Figure 24
Straightness / Rectitude		$B = \frac{3}{8}"$	$\frac{1}{4}" / 20' - 0"$	CMAA 70 & 74 Table 1.4 CISC Figure 24
Elevation / Élévation		$C = \frac{3}{8}"$	$\frac{1}{4}" / 20' - 0"$	CMAA 70 & 74 Table 1.4 CISC Figure 24
Rail-to-Rail Elevation / Élévation rail à rail		$L \leq 50'$ $D = \frac{3}{16}"$ $L > 50' \leq 100'$ $D = \frac{1}{4}"$ $L > 100'$ $D = \frac{3}{8}"$ $L \leq 50'$ $E = \frac{3}{16}"$ $L > 50' \leq 100'$ $E = \frac{1}{4}"$ $L > 100'$ $E = \frac{3}{8}"$	$\frac{1}{4}" / 20' - 0"$	CMAA 70 & 74 Table 1.4 CISC Figure 24
Adjacent Beams / Poutres adjacentes		$F = \frac{1}{8}"$	N/A	CISC Table 4.1
Rail-to-Runway Girder Centerline / Ligne centrale entre les poutres et le rails		$e < \frac{3}{4}"$ of the web thickness $e < \frac{3}{4}"$ de l'épaisseur de l'âme	N/A	CISC Table 4.1 point 48
Rail Separation / Joint de rail		$G \leq \frac{1}{16}"$	N/A	CMAA 70 & 74 Section 1.4
Gap between beam / Joint entre les poutres de roulement		$H \leq \frac{1}{2}"$	N/A	CISC Figure 18