

Errata to:

Final Report EASA_REP_RESEA_2011_12

Research Project:

Study on models and methodology for safety assessment of Runway End Safety Areas (RESA)

In Table 7.2 (page 90), Overview of the location probability models, the Longitudinal cumulative probability distribution for Landing overrun (small and large aircraft) is given as $e^{-0.007572x^{1.10006}}$. However this should be $e^{-0.007572x^{1.0006}}$.

The changed text is marked with ~~strike through~~ below:

Table 7.2, Overview of the location probability models

Scenario	Longitudinal cumulative probability distribution	Lateral cumulative probability distribution
Takeoff overrun (small and large aircraft)	$e^{-0.0022450x^{1.1268}}$	$e^{-0.279545 y ^{0.4666}}$
Landing overrun (small and large aircraft)	$e^{-0.007572x^{1.10006}}$	$e^{-0.318647 y ^{0.4802}}$
Landing undershoot small Aircraft	a= 0.6170 and b=1.1218, see footnote	$e^{-0.111593 y ^{0.558}}$
Landing undershoot large Aircraft	a= 0.5331 and b=1.4913, see footnote	$e^{-0.627182 y ^{0.3176}}$

*Coefficients of the Beta cumulative distribution function.