Calculation report

Airport details

Name: (LGW) Gatwick Airport

Runway: 26R 08L

Blast protection: 26R 08L

Strip end: 26R 08L

Obstacle details

Name: Boeing777

Width: 100.0m

Height: 25.0m

(Distance) right threshold: 2853.0m

(Distance) left threshold: 500.0m

(Distance) center 20.0m

Re-declaration breakdown

09L (Take Off Away, Landing Over):

TORA = Original TORA - Blast Protection - Distance from Threshold - Displaced Threshold

= 3902 - 300 - -50 - 306

= 2343

ASDA = (R) TORA + STOPWAY

= 2343

TODA = (R) TORA + CLEARWAY

= 2343

LDA = Original LDA - Distance from Threshold – Strip End - Slope Calculation

= 3595 - -50 - 60 - 12*50

= 2343

29R (Take Off Away, Landing Over):

TORA = Original TORA - Blast Protection - Distance from Threshold - Displaced Threshold

= 3902 - 300 - -50 - 306

= 2343

ASDA = (R) TORA + STOPWAY

= 2343

TODA = (R) TORA + CLEARWAY

= 2343

LDA = Original LDA - Distance from Threshold – Strip End - Slope Calculation

= 3595 - -50 - 60 - 12*50

= 2343

Runway designator	TORA	TODA	ASDA	LDA
Original Values				
27L	4000.0m	4100.0m	4000.0m	4000.0m
09R	4000.0m	4100.0m	4000.0m	4000.0m
Recalculated Values				
27L	3200.0m	3300.0m	3250.0m	2190.0m
09R	1543.0m	1543.0m	1543.0m	2553.0m

Visualisation of re-declared distances