

Calculation report

09-05-2020

Airport details

Name: Henrys Test Land
Runway: 27L/09R
Blast protection: -
Strip end: -

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 (to fix with real values...)

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

