Gust Effect Factor - Example

Table C26.9-2

Calculated Values	
V	132 ft/s (40.23 m/s)
$\bar{z}$	360 ft (109.73 m)
$I_{\bar{z}}$	0.201
$L_{\bar{z}}$	709.71 ft (216.75 m)
Q^2	0.616
$\bar{V}_{\bar{z}}$	107.95 ft/s (32.95 m/s)
$\hat{V}_{\bar{z}}$	155.99 ft/s (47.59 m/s)
N_1	1.31
R_n	0.113
η	0.852
R_B	0.610
η	5.113
R_h	0.176
η	2.853
R_L	0.289
R^2	0.813
G_f	1.062
K	0.501
m_1	745,400 slugs
g_R	3.787