

The best-fit values of B and A shown in Figure 27 and Figure 28 are tabulated for convenient reference in Table 24. For breakup $q\alpha$'s of 10,000 and 5,000 deg-lb/ft², the currently-used value of B = 1,000 provided a better data fit than other values of B that were investigated.

Table 24. Shaping Constants for Titan IV

T_B (sec)	Breakup $q\alpha$ (deg-lb/ft ²)	B	A
300	none	1,000	2.00
	20,000		2.95
	10,000		3.25
	5,000		3.50
300	none	10,000	2.70
	20,000	2,000	3.15
	10,000	1,000	3.25
	5,000	1,000	3.50

Risk calculations in the launch area were not made for Titan IV.