

Condition	2	5	7	9	10
$h$ (ft)	SL	20,000	20,000	40,000	40,000
$\mathbf{M}_\infty$	0.25	0.500	0.800	0.800	0.900
$\alpha$ (degrees)	5.70	6.80	0.0	4.60	2.40
$W$ (lbf)	564,032.	636,636.	636,636.	636,636.	636,636.
$I_x$ (slug-ft <sup>2</sup> )	$14.3 \times 10^6$	$18.4 \times 10^6$	$18.2 \times 10^6$	$18.2 \times 10^6$	$18.2 \times 10^6$
$I_z$ (slug-ft <sup>2</sup> )	$45.3 \times 10^6$	$49.5 \times 10^6$	$49.7 \times 10^6$	$49.7 \times 10^6$	$49.7 \times 10^6$
$I_{xz}$ (slug-ft <sup>2</sup> )	$-2.23 \times 10^6$	$-2.76 \times 10^6$	$0.97 \times 10^6$	$-1.56 \times 10^6$	$-.35 \times 10^6$
$\mathbf{C}_{y\beta}$	-.96	-.90	-.81	-.88	-.92
$\mathbf{C}_{l\beta}$	-.221	-.193	-.164	-.277	-.095
$\mathbf{C}_{n\beta}$	0.150	0.147	0.179	0.195	0.207
$\mathbf{C}_{l_p}$	-.45	-.323	-.315	-.334	-.296
$\mathbf{C}_{n_p}$	-.121	-.0687	0.0028	-.0415	0.0230
$\mathbf{C}_{l_r}$	0.101	0.212	0.0979	0.300	0.193
$\mathbf{C}_{n_r}$	-.30	-.278	-.265	-.327	-.333
$\mathbf{C}_{l_{\delta a}}$	0.0461	0.0129	0.0120	0.0137	0.0139
$\mathbf{C}_{n_{\delta a}}$	0.0064	0.0015	0.0008	0.0002	-.0027
$\mathbf{C}_{y_{\delta_r}}$	0.175	0.1448	0.0841	0.1157	0.0620
$\mathbf{C}_{l_{\delta_r}}$	0.007	0.0039	0.0090	0.0070	0.0052
$\mathbf{C}_{n_{\delta_r}}$	-.109	-.1081	-.0988	-.1256	-.0914