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
α (degrees)	5.70	6.80	0.0	4.60	2.40
W (lbf)	564,032.	636,636.	636,636.	636,636.	636,636.
I_y (slug-ft^2)	32.3×10^6	33.1×10^6	33.1×10^6	33.1×10^6	33.1×10^6
$\mathbf{C}_L$	1.11	0.680	0.266	0.660	0.521
$\mathbf{C}_D$	0.102	0.0393	0.0174	0.0415	0.0415
$\mathbf{C}_{L_\alpha}$	5.70	4.67	4.24	4.92	5.57
$\mathbf{C}_{D\alpha}$	0.66	0.366	0.084	0.425	0.527
$\mathbf{C}_{m_\alpha}$	-1.26	-1.146	-.629	-1.033	-1.613
$\mathbf{C}_{L_{\dot\alpha}}$	6.7	6.53	5.99	5.91	5.53
$\mathbf{C}_{m_{\dot\alpha}}$	-3.2	-3.35	-5.40	-6.41	-8.82
$\mathbf{C}_{L_q}$	5.40	5.13	5.01	6.00	6.94
$\mathbf{C}_{m_q}$	-20.8	-20.7	-20.5	-24.0	-25.1
$\mathbf{C}_{L_\mathbf{M}}$	0.0	-.0875	0.105	0.205	-.278
$\mathbf{C}_{D_\mathbf{M}}$	0.0	0.0	0.008	0.0275	0.242
$\mathbf{C}_{m_\mathbf{M}}$	0.0	0.121	-.116	0.166	-.114
$\mathbf{C}_{L_{\delta_e}}$	0.338	0.356	0.270	0.367	0.300
$\mathbf{C}_{m_{\delta_e}}$	-1.34	-1.43	-1.06	-1.45	-1.20