Position and Attitude Response of Model B.1 with Different Fault Magnitudes x_{ref} y_{ref} z_{ref} $x_{\tilde{f}=1.00}$ $y_{\tilde{f}=1.00}$ $z_{\tilde{f}=1.00}$ 15 $x_{\tilde{f}=0.95}$ $y_{\tilde{f}=0.95}$ $z_{\tilde{f}=0.95}$ x Position [m] Position [m] Position [m] $x_{\tilde{f}=0.85}$ $y_{\tilde{f}=0.85}$ $z_{\tilde{f}=0.85}$ $x_{\tilde{f}=0.75}$ $y_{\tilde{f}=0.75}$ $z_{\tilde{f}=0.75}$ $x_{\tilde{f}=0.65}$ $y_{\tilde{f}=0.65}$ $z_{\tilde{f}=0.65}$ Š 10 20 30 40 50 60 10 20 30 40 50 60 10 20 30 40 50 60 60 $heta_{ ilde{f}=1.00}$, $\phi_{\tilde{f}=1.00}$ 30 50 60 $\theta_{\tilde{f}=0.95}$ $\phi_{\tilde{t}=0.95}$ 40 $\phi_{\tilde{f}=0.85}$ $heta_{ ilde{f}=0.85}$, 40 ϕ Angle [degree] Angle [degree] Angle [degree] 30 10 $\phi_{\tilde{f}=0.75}$ 20 $\phi_{\tilde{f}=0.65}$ $\psi_{\tilde{f}=1.00}$ 20 $\psi_{\tilde{f}=0.95}$ 10 Ş $\psi_{\tilde{f}=0.85}$ -20-20 $\psi_{\tilde{f}=0.75}$ -40-10-30-20-40-6010 20 30 40 50 60 10 20 30 40 50 60 10 20 30 50 Time [s] Time [s] Time [s]