|  |  |  |
| --- | --- | --- |
| Channel Name(s) | Units | Description |
| RootFxr, RootFyr, RootFzr | (N), (N), (N) | Root reaction forces expressed in r |
| RootMxr, RootMyr, RootMzr | (N m), (N m), (N m) | Root reaction moments expressed in r |
| TipTDxr, TipTDyr, TipTDzr | (m), (m), (m) | Tip translational deflection (relative to the undeflected position) expressed in r |
| TipRDxr, TipRDyr, TipRDzr | (-), (-), (-) | Tip angular/rotational deflection Wiener-Milenković parameter (relative to the undeflected orientation) expressed in r |
| TipTVXg, TipTVYg, TipTVZg | (m/s), (m/s), (m/s) | Tip translational velocities (absolute) expressed in g |
| TipRVXg, TipRVYg, TipRVZg | (deg/s), (deg/s), (deg/s) | Tip angular/rotational velocities (absolute) expressed in g |
| TipTAXg, TipTAYg, TipTAZg | (m/s2), (m/s2), (m/s2) | Tip translational accelerations (absolute) expressed in g |
| TipRAXg, TipRAYg, TipRAZg | (deg/s2), (deg/s2), (deg/s2) | Tip angular/rotational accelerations (absolute) expressed in g |
| NβFxl, NβFyl, NβFzl | (N), (N), (N) | Sectional force resultants at Nβ expressed in l |
| NβMxl, NβMyl, NβMzl | (N m), (N m), (N m) | Sectional moment resultants at Nβ expressed in l |
| NβTDxr, NβTDyr, NβTDzr | (m), (m), (m) | Sectional translational deflection (relative to the undeflected position) at Nβ expressed in r |
| NβRDxr, NβRDyr, NβRDzr | (-), (-), (-) | Sectional angular/rotational deflection Wiener-Milenković parameter (relative to the undeflected orientation) at Nβ expressed in r |
| NβTVXg, NβTVYg, NβTVZg | (m/s), (m/s), (m/s) | Sectional translational velocities (absolute) at Nβ expressed in g |
| NβRVXg, NβRVYg, NβRVZg | (deg/s), (deg/s), (deg/s) | Sectional angular/rotational velocities (absolute) at Nβ expressed in g |
| NβTAXg, NβTAYg, NβTAZg | (m/s2), (m/s2), (m/s2) | Sectional translational accelerations (absolute) at Nβ expressed in g |
| NβRAXg, NβRAYg, NβRAZg | (deg/s2), (deg/s2), (deg/s2) | Sectional angular/rotational accelerations (absolute) at Nβ expressed in g |
| NβPFxl, NβPFyl, NβPFzl | (N), (N), (N) | Applied point forces at Nβ expressed in l |
| NβPMxl, NβPMyl, NβPMzl | (N m), (N m), (N m) | Applied point moments at Nβ expressed in l |
| NβDFxl, NβDFyl, NβDFzl | (N/m), (N/m), (N/m) | Applied distributed forces at Nβ expressed in l |
| NβDMxl, NβDMyl, NβDMzl | (N m/m), (N m/m), (N m/m) | Applied distributed moments at Nβ expressed in l |