Channel Name(s)	Units	Description
Channel Name (s)	UIIICS	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
1 , 1 2 , 1		(relative to the undeflected
		position) expressed in r
TipRDxr, TipRDyr, TipRDzr	(-), (-), (-)	Tip angular/rotational
TIPRDAL, TIPRDYL, TIPRDZI		deflection Wiener-Milenković
		parameter (relative to the
		undeflected orientation)
		expressed in r
mimyyy mimyyy mimyyy	(m/s), (m/s), (m/s)	Tip translational velocities
TipTVXg, TipTVYg, TipTVZg	(m/s), (m/s), (m/s)	<u> </u>
		(absolute) expressed in g
TipRVXg, TipRVYg, TipRVZg	(deg/s), (deg/s),	Tip angular/rotational
	(deg/s)	velocities (absolute)
	, , , , , , , , , , , , , , , , , , , ,	expressed in g
TipTAXg, TipTAYg, TipTAZg	$(m/s^2)$ , $(m/s^2)$ , $(m/s^2)$	Tip translational
		accelerations (absolute)
		expressed in g
TipRAXg, TipRAYg, TipRAZg	$(deg/s^2)$ , $(deg/s^2)$ ,	Tip angular/rotational
	$(deg/s^2)$	accelerations (absolute)
		expressed in g
NβFxl, NβFyl, NβFzl	(N), (N), (N)	Sectional force resultants
r , r <u>z</u> , r		at Nß expressed in 1
NBMxl, NBMyl, NBMzl	(N m), (N m), (N m)	Sectional moment resultants
,	(== ==, , (== ==, , (== ==, ,	at Nβ expressed in 1
NßTDxr, NßTDyr, NßTDzr	(m), (m), (m)	Sectional translational
NPIDAL, NPIDYL, NPIDZI	(111) , (111) , (111)	deflection (relative to the
		undeflected position) at NB
		expressed in r
NβRDxr, NβRDyr, NβRDzr	(-), (-), (-)	Sectional angular/rotational
NDRDXI, NDRDYI, NDRDZI	(-), (-), (-)	1
		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),	Sectional angular/rotational
	(deg/s)	velocities (absolute) at $N\beta$
		expressed in g
NβTAXg, NβTAYg, NβTAZg	$(m/s^2)$ , $(m/s^2)$ , $(m/s^2)$	Sectional translational
		accelerations (absolute) at
		Nβ expressed in g
NβRAXg, NβRAYg, NβRAZg	$(deg/s^2)$ , $(deg/s^2)$ ,	Sectional angular/rotational
	$(\deg/s^2)$	accelerations (absolute) at
	_	Nβ expressed in g
NßPFxl, NßPFyl, NßPFzl	(N), (N), (N)	Applied point forces at Nβ
, , , , , , , , , , , , , , , , , , , ,	. , , , , , , , , , , , , , , , , , , ,	expressed in 1
NβPMxl, NβPMyl, NβPMzl	(N m), (N m), (N m)	Applied point moments at Nβ
TOTALL MALLEY MALLEY	(2. 111) (14 111) (14 111)	expressed in 1
NβDFx1, NβDFy1, NβDFz1	(N/m), (N/m), (N/m)	Applied distributed forces
MADEVI' MADEÄT' MADEST	(1N/101), (1N/101), (1N/101)	
MODM 1 MODM 1 MODY 3	(27 / / / / /	at Nβ expressed in 1
NβDMxl, NβDMyl, NβDMzl	(N m/m), (N m/m), (N	Applied distributed moments
	m/m)	at N $\beta$ expressed in 1