flight pahse C	Design	N	lodes	ζ	ωd <i>(F1)</i>	T2	τ	Design	M	odes	ζ	ωd <i>(F1)</i>	T2	τ
lter 1	With Weight	long.	sp (1) spiral (4) roll (1)	0.009742 0.617551 0.121115		7.22664	0.036039	Without Weight	long.	sp (1) spiral (4) roll (1)	0.009491 0.674 0.135635		6.47386	0.032238
Iter 2	With Weight	long. lateral	phugoid (3) sp (1) spiral (4) roll (1) dutch (2)											
Iter 3	With Weight	long.	phugoid (3) sp (1) spiral (4) roll (1) dutch (2)											
Iter 4	With Weight	long.	phugoid (3) sp (1) spiral (4) roll (1) dutch (2)											
Make sure <u>inertia</u> extracted from solidworks/fusion is wrt the same axes corresponding to those in <u>xflr5</u> assumed dutch maximum wd=.6						LVL 1 (Besi LVL 2 LVL 3 (Leas Dangerous Too much stability	it)	Damping ra Damped na frequency (Time to doo (t2) (for unstab	itural) or F1 uble (T2) or le system)					