

General Information

- Please use following file name convention for submission: Beginning with your first name initial and full surname, add test case id followed by file serial number separated by underscores and/or hyphens. For example, if your name is John Smith and for the third file of test case 1a.2., a file name *fig_1a_2-03.wmf* appearing in the instruction should be rewritten as *jsmith_1a_2-03.wmf*
- Please archive all of your figure files and integral data files for all cases into one zipped file. The file name should be *your first name initial and your surname + “.zip”*. For example, if your name is John Smith, the file name is *jsmith.zip*.
- The archived file should be uploaded to the FTP server of FORCE via FORCE ftp-server. User account name and password are required to login the server. Please contact the organizer (technical@simman2007.dk) to obtain this information.

Fig.3a.7-1 Non-dimensionalized longitudinal force(X')

File name	fig_3a_7-01.wmf
Axis size	
Horizontal-axis variable and range	$0.0 \leq t/period \leq 1.0$
Vertical-axis variable and range	$-0.05 \leq X' \leq 0.05$
Style	CFD solid line; EFD solid circle with error bars
Tecplot style file	Fig3a_7-01.sty
EFD data file	Test_case3a_7-01Exp_data.dat

Fig.3a.7-2 Non-dimensionalized transverse force(Y')

File name	fig_3a_7-02.wmf
Axis size	
Horizontal-axis variable and range	$0.0 \leq t/period \leq 1.0$
Vertical-axis variable and range	$-0.10 \leq Y' \leq 0.10$
Style	CFD solid line; EFD solid circle with error bars
Tecplot style file	Fig3a_7-02.sty
EFD data file	Test_case3a_7-01Exp_data.dat

Fig.3a.7-3 Non-dimensionalized yaw moment(N')

File name	fig_3a_7-03.wmf
Axis size	
Horizontal-axis variable and range	$0.0 \leq t/period \leq 1.0$
Vertical-axis variable and range	$-0.10 \leq N' \leq 0.10$
Style	CFD solid line; EFD solid circle with error bars
Tecplot style file	Fig3a_7-03.sty
EFD data file	Test_case3a_7-03Exp_data.dat

Fig.3a.7-4 Time history of pitch angle

File name	fig_3a_7-04.wmf
Axis size	
Horizontal-axis variable and range	$0.0 \leq t/period \leq 1.0$
Vertical-axis variable and range	$-0.50 \leq pitch[deg] \leq 0.50$
Style	CFD solid line; EFD solid circle with error bars
Tecplot style file	Fig3a_7-04.sty
EFD data file	Test_case3a_7-04Exp_data.dat

Fig.3a.7-5 Time history of heave motion

File name	fig_3a_7-05.wmf
Axis size	
Horizontal-axis variable and range	$0.0 \leq t/period \leq 1.0$
Vertical-axis variable and range	$-0.01 \leq heave[m] \leq 0.03$
Style	CFD solid line; EFD solid circle with error bars
Tecplot style file	Fig3a_7-05.sty
EFD data file	Test_case3a_7-05Exp_data.dat

Fig.3a.7-6 Damping parts of γ' and N' vs. v'

File name	fig_3a_7-06.wmf
Axis size	
Horizontal-axis variable and range	$-0.2 \leq v' \leq 0.2$
Vertical-axis variable and range	$-0.10 \leq Y'_D, N'_D \leq 0.10$
Style	Y'_D red solid line; N'_D green solid line
Tecplot style file	Fig3a_7-06.sty
EFD data file	Test_case3a_7-06Exp_data.dat

Fig.3a.7-7 Inertial parts of γ' and N' vs. v'

File name	fig_3a_7-07.wmf
Axis size	
Horizontal-axis variable and range	$-0.3 \leq v' \leq 0.3$
Vertical-axis variable and range	$-0.10 \leq Y'_T, N'_T \leq 0.10$
Style	Y'_T red solid line; N'_T green solid line
Tecplot style file	Fig3a_7-07.sty
EFD data file	Test_case3a_7-07Exp_data.dat