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Abstract : <p>A panel programme has recently been adapted to the NAL UNIVAC (1100/60-H1) computer. The code can deal with sub-, super- and hypersonic flow and can handle bodies, wings and wing-body-tail combinations. This note covers a validation of the computer code for realistic aircraft configurations. A comparison of the overall coefficients between computed results and the NAL tests for an aircraft configuration shows the usefulness of the code. Limited comparisons are made for the detailed pressure distributions only for some standard cases.</p> <p>This code designated as NALSOFO509, is now part of the NAL SOFFTS Library.</p>		