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## Estimation of Horizontal Tail loads of MTG-21 Aircraft

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cedure which uses the load factor time history and the time to reach peak normal acceleration

as design parameters in the estimation of

C.V. SRINATHA SASTRY

Aircraft Fatique.

horizontal tail loads.

: Systems Engineering Division

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factor of the fatigue life of the aircraft. This report contains the estimated values of the horizontal tail loads of MiG-21BIS aircraft for different flight conditions. These results

are used to generate the tail load spectrum for the full scale fatigue testing of aircraft at The method used is based on a simple pro-

: Maneuvering Loads, Tail Loads, Load Factor, In the maneuvering flight of an aircraft, horizontal tail experiences heavy loads which is a