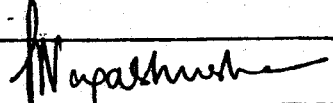
 National Aeronautical Laboratory	Documentation Sheet	Document Classification RESTRICTED						
Title : Preprocessing of Prithvi Post Flight data for Parameter Identification	Document No. NAL PD SE 8903 Date of issue: April 1989							
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Abstract : This document presents the methods of preprocessing flight data. The data acquired during flight test contain data spikes and noise, due to various reasons and requires processing of data to remove spikes and noise before they are used for any analysis. For this purpose a finite difference method for editing the flight data to remove the spikes and Fast Fourier Transform (FFT) method for filtering the flight data to remove the noise have been used. A software package "PREPRO" incorporating these methods has been developed. The spectral analysis via FFT to select cut-off frequency for filtering has also been incorporated in the PREPRO. The package is validated using test example and is used successfully for processing PRITHVI post flight data.								