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Ancient Egyptian Aeroplane Modification

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The present work represents an analysis for an ancient model airplane found in a tomb near Saqqara in 1898. This analysis clarifies if this model can fly or not after doing some modification to make it suitable for flying like regular Aeroplanes we known today. This work also includes a flow analysis of the air movement around the model wings. Moreover, stress analysis was carried out to examine if the plane can resist the affecting of the flow forces on the model.