IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 3, May 2022
Impact Factor: 6.252

Forward Swept Wing RC Aircraft

Bemil A. P[1], Farthima N[2], Nivetha N[3], Madesh D[4], Mr. Madesh D[5]
Students, Department of Aerospace Engineering[1,2,3,4]
Assistant Professor, Department of Aerospace Engineering[5]
Dhanalakshmi Srinivasan Engineering College (Autonomous), Perambalur, India

Abstract: *Till today there are many aircraft that are flying over the world. There are many configuration of plane such as wing configuration, tail configuration, fuselage configuration etc. So we have planed to design arc plane using forward swept wing configuration. This configuration has a high maneuverability at high speeds and drag production is low compared to backward swept wing aircraft. The characteristic sweep angle is usually estimated by drawing a path from root to tip, twenty five percentage of way back from the leading edge ,and matching that to the perpendicular to the longitudinal axis of the aircraft. Wing sweep has the effect of delaying the shock waves and accompanying aerodynamic drag caused by fluid compressibility. So this is our project idea, which will help full in the pilot for controlling and use of forward swept wing aircraft.*

Keywords: RC Aircraft

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