

THE SHAPE OF THE WING (BOTH PLANFORM AND CROSS SECTION) INFLUENCES WHERE AND WHEN A WING WILL STALL.
GENERALLY, STRAIGHT OR AFT SWEPT WINGS WILL STALL AT THE TIP FIRST, THEN FLOW SEPARATION MOVES INWARD TOWARDS THE ROOT.
ON ANY STRAIGHT OR AFT SWEPT WING, THE EFFECTIVE AOA INCREASES FROM INBD TO OUTBD.
AIRFLOW OVER THE WING SEPARATES (LEAVES THE SURFACE)
CAUSING A LOSS OF LIFT.
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SEPARATION OF THE FLOW OCCURS AT THE WING T.E. FIRST
AND WORKS FORWARD. THIS IS WHY AILERONS BECOME
INEFFECTIVE EARLY IN THE STALL PROCESS. (SORT OF A WA
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THE LONGER WE KEEP THIS AIRFLOW ATTACHED, THE HIGHER AOA THAT CAN BE OBTAINED, AND THE SLOWER THE MODEL CAN BE SAFELY FLOWN. RT OF
NING!! , HE EFHECTIVEA
OUTBD.




 STRIP NEAR
A $\square-\cdots-$






