

CONTROL SYSTEM

AN AIRCRAFT IS MADE TO TURN IN THE AIR BY BANKING THE WINGS. AIRCRAFT ROLL AN AIRCRAFT INTO A BANK BY VARYING THE LIFT. THE OUTER WING (UP) GETS MORE LIFT, THE INNER WING (LOW) GETS LESS LIFT = BANK. THE EASY RISER BANKS ALSO BY VARYING THE LIFT ON THE RESPECTIVE WINGS. WHEN THE AIR BRAKE (RUDDER) IS DEPLOYED THE WING IS SLOWED ON THAT SIDE AND LOOSES LIFT, OPPOSITE WING SPEEDS UP AND GAINS LIFT.

