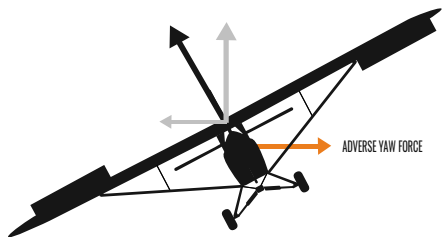
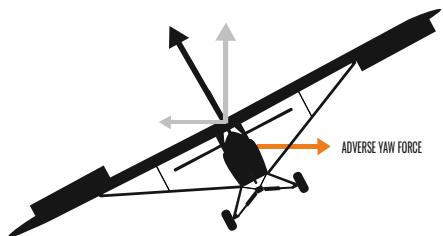
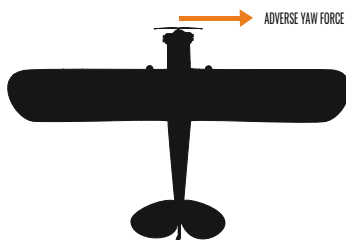


COORDINATED ROLLS



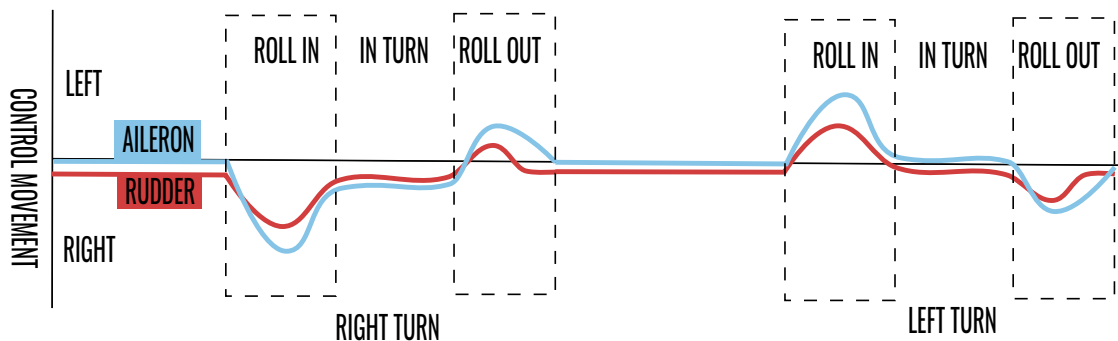
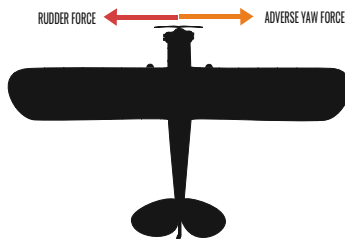
UNCOORDINATED LEFT ROLL

AILERON MOVEMENT AND SUBSEQUENT INCREASE IN AOA CREATES MORE DRAG ON OUTSIDE WING
IF UNCORRECTED, THE NOSE WILL SWING TO THE OUTSIDE



COORDINATED LEFT ROLL

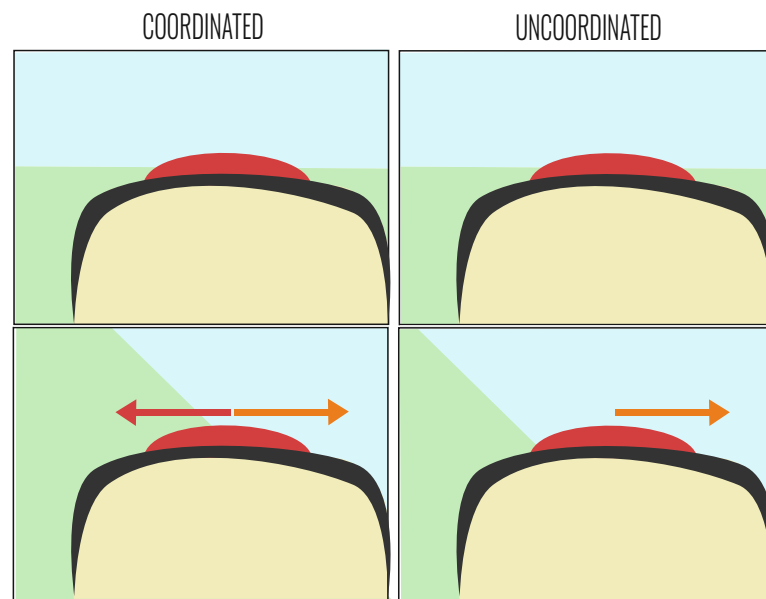
APPROPRIATE RUDDER CORRECTION IN THE DIRECTION OF THE TURN PREVENTS THE NOSE FROM SWINGING OUTSIDE



FACTORS AFFECTING ADVERSE YAW

AIRSPEED: SLOW SPEEDS REQUIRE MORE FLIGHT CONTROL MOVEMENT
RATE OF TURN: IF IT REQUIRES MORE AILERON, IT REQUIRES MORE RUDDER

MORE AILERON = MORE RUDDER



HOW MUCH RUDDER? ENOUGH TO KEEP THE NOSE PIVOTING CORRECTLY!

TOO LITTLE RUDDER AND THE NOSE WILL ANGLE TOWARDS THE SKY
TOO MUCH RUDDER AND THE NOSE WILL ANGLE TOWARDS THE GROUND