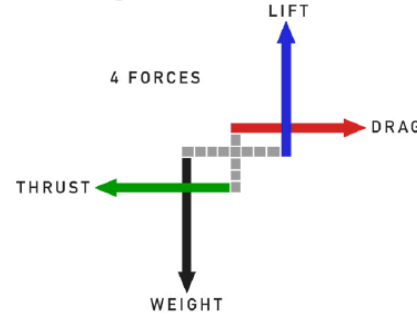


TURNING

AIM: TO IDENTIFY HOW TO TURN THE AIRCRAFT AT VARIOUS ANGLES OF BANK WHILE MAINTAINING HEIGHT AND BALANCE.

AIRMANSHIP: LOOKOUT
 RIGHT TURN: CLEAR LEFT, CENTRE, ABOVE, RIGHT, AND BEHIND
 LEFT TURN: CLEAR RIGHT, CENTRE, ABOVE, RIGHT AND BEHIND



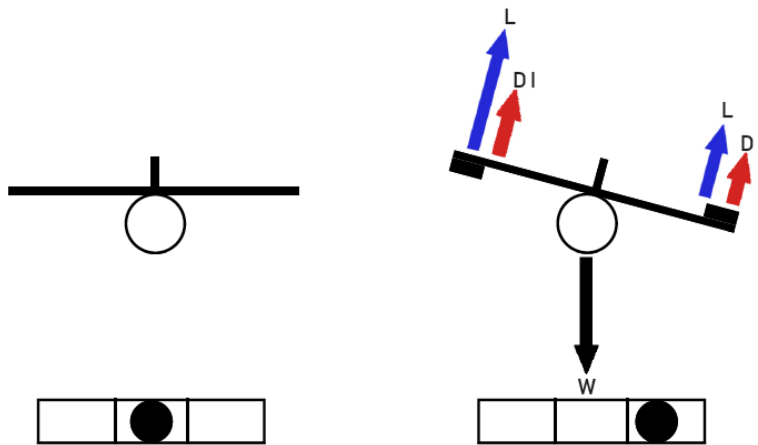
SCAN FLOW

ATTITUDE	ATTITUDE	ATTITUDE
LOOK	LOOK	LOOK
AIRSPEED	ANGLE OF BANK	VSI

TURN PROCESS: RIGHT TURN

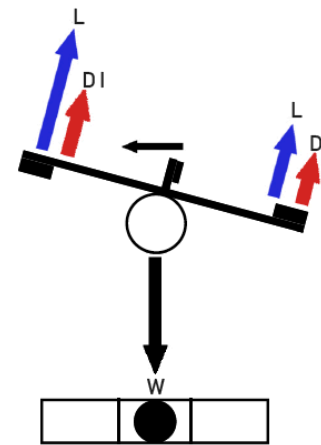
ENTRY

Move Control Column Right and apply back pressure



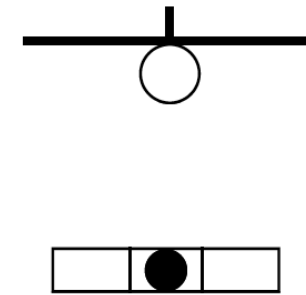
MAINTAIN

Right Rudder to counter adverse Yaw. Control Column back to neutral position.



RECOVERY

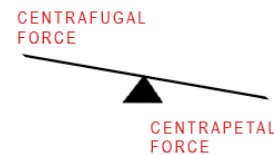
Move Control Column left until wings level. Left Rudder to bring Aircraft back in balance and adjust Pitch. Finally, Trim the Aircraft.



ANGLE OF BANK

TYPE	AoB	Use	Rate of Change	Time	Rate
GENTLE	0 - 15	If Climbing	3 / sec	2 Min	1
MEDIUM	15 - 30	Normal	6 / sec	1 Min	
STEEP	30 - 60	Training	12 - 24 / sec	30 -15 sec	

OTHER FORCES



Centrifugal takes place along the radius of the circle from the center out towards the object. For centripetal, it is the opposite, taking place also along the radius of the circle, but from the object in towards the center.

