

SPIRAL DIVES

SPIRAL DIVES - 1

- A condition of UNSTALLED FLIGHT.
- A steep descending spiralling turn with an excessive nose-down attitude.
- Tendency for the angle of bank to keep increasing, and trying to raise the nose using the elevator only tightens the turn.
- Airspeed, Load Factor, and Rate of Descent increase quickly.

SPIRAL DIVE RECOVERY

- 1) Reduce backpressure on the stick (to reduce the G force), and at the same time...
- 2) Using COORDINATED controls, level the wings
- 3) When the wings are level, look UP to the horizon, and pull out of the dive using coordinated controls

SPIRAL DIVES

QUESTIONS?

SPIRAL DIVES - Class Questions

Why would we wait until the wings are level before starting to pull out of the dive?

Pulling the spoilers / divebrakes out to slow down is a good idea, right? Discuss.