



EMERGENCY MANEUVER TRAINING

RECOVERIES AND PHILOSOPHY

Overall Recovery Objectives:

1. Regain / Maintain Control
2. Minimize Altitude Loss

Proficiency Through:

1. Recognition of Flight Condition
2. Sequential Application of Recovery Technique

Flight Conditions

Aircraft Upset

Unusual Attitude (UA)

- Overbank, Spiral Dive, Rolling Upset
- Nose High UA, Nose Low UA
- Wake Turbulence

Stall

- Power Off/On Stall
- Accelerated Stall
- Cross-Controlled Stall (Slip/Skid)
- Incipient Spin (Aggravated Stall)

Spin Recovery

- a. Upright Spin
- b. Inverted Spin
- c. Aggravated Spin
- d. Flat Spin
- e. Accelerated Spin
- f. Flat Accelerated Spins
- g. Knife Edge Spins / Tumbles

Recovery Techniques

All-Attitude Upset Recovery

CENTRALIZE / ANALYSE
DISCONNECT AUTO-PILOT
RECOVER

Push
Power
Rudder
Roll
Climb

NASA Standard Spin Recovery (P.A.R.E.)

Power
Ailerons (Flaps Up)
Rudder – Opposite
Elevator – through Neutral
----- SPIN/YAW STOPS -----
Rudder – Neutral
Elevator – Recover