

## Left Turning Tendencies

- **P-Factor**
- **Torque**
- **Gyroscopic Precession**
- **Slipstream**

## What is a Skidding Turn?

A skid is where too much rudder is applied during a turn causing excessive loading and centrifugal forces.

## What is a Slipping Turn?

A slipping turn is one where bank is applied but opposite rudder is used to decrease the centrifugal forces and load factor.

## Load Factor or Gs

The load factor is the additional gravitational or G-forces applied to an aircraft in a bank. A 60 degree bank equals 2 G's

## Maneuvering Speed

- Increasing the Angle of Attack for a given flight attitude
- Reducing Speed, Range, Maximum Altitude

## Spin

An Uncoordinated Stall,

## Drag

**Parasite Drag** -- it is the drag that is **not** associated with the production of lift.

**Form Drag**-- the portion of parasite drag generated by the aircraft due to its shape

**Interference Drag**-- comes from the intersection of airstreams that creates eddy currents.

**Skin Friction Drag**-- aerodynamic resistance due to the contact of air with the surface of an aircraft

**Induced Drag**— Drag produced by lift

