

Pitch and Roll Limit Conditions

The Ground Contact Angles - Normal Landing figures illustrate body roll/pitch angles at which the airplane structure contacts the runway.

Note: The figures are based on a rigid wing, however, dynamic maneuvering can reduce this envelope due to structural flexing of the airframe. Therefore, body roll/pitch angles within the envelope shown on the figures can result in airplane structure contacting the runway.

Conditions

- Pitch about main gear centerline
- Roll about main gear outside tire
- Static strut compression
- Valid for all flap detents
- Valid for all control surface positions

Ground Contact Angles - Normal Landing**737-800**

The line labeled “1-Position Tail Skid” is for airplanes without the SFP option and airplanes with the SFP option and a 1 position tail skid.

The line labeled “2-Position Tail Skid Extended” is for airplanes with the SFP option and a 2 position tail skid.

