

## Lesson 1: Boeing 737 Checkout

[Fly This Lesson Now](#)

### Landing a Boeing 737–400 in a Traffic Pattern

#### Action

#### Key / Control

#### Enter the Downwind Leg

Altitude: 3,000 AGL

Target airspeed: 180 knots (indicated)

Set flaps to 5.

Press **F7** three times or until flap gauge points to "5."

Set power between 40 and 45 percent N1.

Advance throttle (press **F3**).  
Reduce throttle (press **F2**).

Descend at 700 to 750 fpm (feet per minute) down to pattern altitude (1,500 AGL).

Adjust pitch until VSI reads about 700.

#### At Pattern Altitude

Set power to 50 to 52 percent N1.

Advance throttle (press **F3**).  
Reduce throttle (press **F2**).

Set pitch 5 degrees to 6 degrees for level flight.

Target speed: 170 knots

#### Opposite Point 3 nm from End of Runway

Gear down

Press **G**.

Set flaps to 15.

Set pitch between 5 and 6 degrees for level flight.

Press **F7** until flap gauge points to **15**.

Power set to between 60 and 62 percent N1.

Advance throttle (press **F3**).

Target speed: 160 knots

#### On Base Leg

Set flaps to 25.

Press **F7** until flap gauge points to **25**.

Set power to between 63 and 65 percent N1.

Advance throttle (press **F3**).  
Reduce throttle (press **F2**).

Target speed: 160 to 150 knots.

Begin 500-to-700-fpm descent as necessary to intercept the glide slope.  
Pitch 3 degrees nose up for descent.

Adjust pitch until VSI reads between 500 and 700.

#### On Final

Set flaps to 30.

Press **F7** until flap gauge points to **30**.

Set power to between 53 and 58 percent N1. Set pitch to 0 degrees.

Advance throttle (press **F3**).  
Reduce throttle (press **F2**).

Target speed: 150 knots

Begin an 800-fpm descent once on the VASI or glide slope.

Adjust pitch until VSI reads about 800.

#### Crossing the Threshold

Smoothly reduce power to idle.

Reduce throttle (press **F2**).  
Cut throttle (press **F1**).

Pitch up to 3 degrees nose up.

Apply backpressure to the stick.

Touch down and stay on the centerline

Apply reverse thrust

Press and hold **F2**.

Apply brakes

Press the **PERIOD (.)** key.

Disengage thrust reversers

Press **F1**.

[Fly This Lesson Now](#)  
[- top -](#)