

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**.

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