



Boeing 747-400

LAND WITHOUT ENGINES:

(these are the operations within a one mile radius of the airport at 2,000 feet)

- Try to restart the engines
- Flaps Up
- Trim is level with horizon
- Line up with runway
- Gear down
- Spoilers armed (if the engines restart, you will need them)
- All lights on (if they do not switch on, land in a visible area near, not on, landing lights)

Once engines restart, go to the steps below.

REGULAR LANDING:

(these are the operations within a one mile radius of the airport at 2,000 feet)

- Throttle Idle
 - Flaps Full
 - Gear down
 - Spoilers armed
 - Trim is level with horizon
 - Line up with runway
 - All lights on
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REGULAR TAKE-OFF:

- Flaps 20
 - Full Throttle
 - All lights on
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BELLY LANDING:

- Throttle Idle
- Flaps Full
- Spoilers armed
- Trim is level with horizon
- All lights on

-Line up with runway

REGULAR CRUISE:

- All lights on
 - Flaps up
 - Full throttle
 - Trim is level with horizon
 - Auto-pilot on
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FLAPS FAILURE:

- Both flaps are on same setting so aircraft does not make a large turn
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LANDING WITH FLAPS FAILURE:

- Both flaps on same setting so aircraft does not make a large turn
 - Spoilers armed
 - Idle Throttle
 - Gear Down
 - Trim is level with horizon
 - All lights on
 - Line up with runway
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WATER LANDING:

- Engines off
 - Trim is level with horizon
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EMERGENCY LANDING:

See regular landing
