

737 dispatch deviation guide

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Dispatch Deviation Guide (DDG)**

The Dispatch Deviation Guide (DDG) is an aviation manual that provides guidance to flight dispatchers on how to handle deviations from an aircraft's planned route, weight, or equipment configuration. It details the procedures for obtaining approval from the appropriate authorities, calculating the new flight plan, and ensuring the safety of the flight.

DDG Manual

The DDG manual is a comprehensive reference guide that includes:

- Instructions for obtaining approval for deviations
- Guidance on calculating new flight plans
- Procedures for ensuring the safety of the flight
- Tables and charts for quick reference

Differences Between 737-700 and 800

The Boeing 737-700 and 800 are both members of the 737 Next Generation (NG) family. However, there are several key differences between the two models:

- **Length:** The 737-800 is longer than the 737-700 by 14 feet.
- **Capacity:** The 737-800 can accommodate up to 189 passengers, while the 737-700 can hold up to 149 passengers.
- **Range:** The 737-800 has a longer range than the 737-700, with a maximum range of 3,200 nautical miles compared to 2,600 nautical miles.

Differences Between 737 Classic and NG

The Boeing 737 Classic and NG (Next Generation) models differ in several ways, including:

- **Engines:** The 737 NG uses more efficient CFM56-7 engines, while the Classic models used older CFM56-3 engines.
- **Aerodynamics:** The 737 NG has improved aerodynamics, including winglets, which reduce drag and improve fuel efficiency.
- **Avionics:** The 737 NG has a more advanced avionics system, including glass cockpits and digital displays.

MEL and CDL

- **MEL (Minimum Equipment List):** A document that lists the minimum equipment required for an aircraft to operate safely. If a piece of equipment is not working, the MEL will provide instructions on how to compensate for the deficiency.
- **CDL (Configuration Deviation List):** A document that lists the nonessential equipment that can be removed from an aircraft to reduce weight.

Four Categories of Deviation

The DDG manual classifies deviations into four categories:

- **Minor:** Deviations that do not affect the safety or efficiency of the flight.
- **Major:** Deviations that could affect the safety or efficiency of the flight, but are not serious enough to require cancellation.
- **Critical:** Deviations that could pose a serious risk to the safety of the flight.
- **Illegal:** Deviations that violate FAA regulations or airline policies.

DDG and MEL

The DDG and MEL are two separate documents that serve different purposes. The DDG provides guidance on obtaining approval for deviations from the flight plan or equipment configuration. The MEL provides guidance on operating an aircraft with

inoperative equipment.

DDG in Boeing

Boeing is the manufacturer of the 737 aircraft. The DDG is a document that is specific to Boeing aircraft.

Configuration Deviation List

A configuration deviation list is a document that lists the nonessential equipment that can be removed from an aircraft to reduce weight. This is used in conjunction with the MEL to ensure that the aircraft is operating within the approved configurations.

737-700 vs. Max 9

The 737-700 and Max 9 are not the same aircraft. The Max 9 is part of the 737 MAX family, which is the latest generation of 737 aircraft. The Max 9 is larger than the 737-700 and has a longer range.

737-800 Age

The 737NG family, including the 737-800, is considered to be old by aviation standards. The first 737NG aircraft were produced in the late 1990s.

737-800 vs. 737 8

The 737-800 and 737 8 are the same aircraft. The 737 8 is simply a newer designation for the 737-800.

Identifying a 737 Max

The Boeing 737 Max has a unique set of features that distinguish it from other 737 models, including:

- Larger engines
- Split scimitar winglets
- Distinctive nose shape

Safest 737 Model

The safest 737 model is the 737 MAX 8. The 737 MAX 8 has a state-of-the-art safety system that includes enhanced flight control software and a new autopilot system.

737NG and 737 MAX

The 737NG and 737 MAX are two different generations of 737 aircraft. The 737NG was introduced in the late 1990s, while the 737 MAX was introduced in 2017. The 737 MAX is larger and more efficient than the 737NG, and it has a longer range.

RSD in Aviation

RSD (Required Specific Deviation) is a deviation that is required by the FAA or another regulatory authority for safety reasons.

Deviation in Navigation Aviation

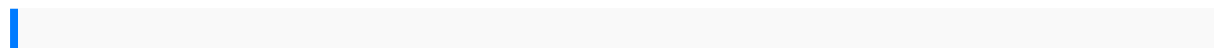
A deviation in navigation aviation is any deviation from the planned flight path. This can be caused by weather, equipment malfunctions, or human error.

Deviation in FDA

In the context of the Food and Drug Administration (FDA), a deviation is a departure from an approved manufacturing process or specification.

Deviation in GMP

In the context of Good Manufacturing Practices (GMP), a deviation is a departure from an approved manufacturing process or specification that could affect the quality or safety of a product.



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