

Continued Airworthiness Notification to the International Community

To: Civil Aviation Authorities

Date: March 20, 2019

From: Federal Aviation Administration (FAA)

Aircraft Certification Service
System Oversight Division, AIR-800
2200 South 216th Street
Des Moines, WA 98198

Subject: This message provides updated information regarding the FAA's continued operational safety activities related to the Boeing Model 737-8 and 737-9 (737 MAX) fleet.

Situation description: On March 13, 2019, the investigations of the Lion Air Flight JT610 accident and the Ethiopian Airlines Flight ET302 accident, both involving Boeing Model 737-8 airplanes, developed new information indicating some similarities between the two accidents. Therefore, the FAA issued an Emergency Order of Prohibition that prohibits the operation of Boeing Model 737-8 and 737-9 airplanes by U.S.-certificated operators or in U.S. territory. The Order remains in effect.

In an earlier CANIC, issued on March 11, 2019, the FAA provided information regarding Boeing's development of flight control system changes to address the Lion Air accident. The FAA is aware that Boeing is developing a Service Bulletin that would specify the installation of new flight control computer operational program software. Boeing has also developed flightcrew training related to this software. The FAA's ongoing review of this software installation and training is an agency priority, as will be the roll-out of any software, training, or other measures to operators of the 737 MAX.

The information provided through this CANIC is based on the information currently available to the FAA. The FAA will also continue to analyze any information discovered during the investigation of Flight ET302 as it becomes available to the agency. The cockpit voice recorder (CVR) and flight data recorder (FDR) information have been downloaded from the units and are in possession of the Ethiopian authorities. Understanding the circumstances that contributed to this accident is critical in developing further actions and returning aircraft to service.

Aircraft/engine make, model, and series: The Boeing Company Model 737-8 and 737-9 airplanes (737 MAX)

U.S.-registered fleet: 74 airplanes as of March 11, 2019

Worldwide fleet: 387 airplanes as of March 11, 2019

Operators: As of March 11, 2019; 59 operators worldwide: 9 Air, Aerolineas Argentinas, Aeromexico, Air Canada, Air China, Air Fiji, AIR ITALY S.P.A., American Airlines, Arkefly, Britannia Airways AB, Cayman Airways, China Eastern Airlines, China Southern Airlines, Comair, COPA Airlines, Corendon Airlines, Eastar Jet, Enter Air Sp. Z O.O., Ethiopian Airlines, Fertitta Enterprises, Inc., flydubai, Fuzhou Airlines Co., Ltd, Garuda Indonesia, Gol Linhas Aereas S.A., Hainan Airlines, Icelandair, Jet Airways, Jet Aviation Business Jets, JSC Aircompany SCAT, Kunming Airlines, Lion Air, Globus Airlines, LOT Polish Airlines,

Lucky Air, Mauritania Airlines, Mongolian Airlines MIAT, Norwegian Air International Lt, Norwegian Air Norway, Norwegian Air Shuttle AS, Norwegian Air Sweden, Okay Airways Company Limited, Oman Air, Qatar Airways, Royal Air Maroc, Shandong Airlines, Shanghai Airlines, Shenzhen Airlines, SilkAir, Smartwings, Southwest Airlines, SpiceJet, Sunwing Airlines Inc., Thai Lion, TUI Airlines Belgium, TUI Airways, Turkish Airlines (THY), United Airlines, WestJet, Xiamen Airlines

FAA Contact: Jeffrey E. Duven, Director, System Oversight Division
Telephone and Fax: (206) 231-3200