

1/19/2024

FOR YOUR INFORMATION

2024-3/3-1

To: Boeing Commercial Airplane Company

2053650

Info: FAA (AVP-1, AVP-200, AFS-200, AFS-900, AFS-260, AFS-100, AIR-720, AIR-780, AIR-360, SEA-AEG), A4A, ALPA, AMFA, ASAP, ATSG, CAPA, IAM, IBT, ICAO, ICASS, IFALPA, IPA, NTSB, PAMA, RAA, SWAPA, TWU

From: Becky L. Hooey, Director
NASA Aviation Safety Reporting System

Re: B737 MAX Brake Rotor Drive Clip Issues

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at becky.l.hooey@nasa.gov.



Aviation Safety Reporting System
P.O. Box 189 | Moffett Field, CA | 94035-0189



ACN 2053650

DATE / TIME

Date of Occurrence	202311
Local Time Of Day	No Local Time Of Day Stated

PLACE

Altitude - AGL	0
----------------	---

AIRCRAFT / EQUIPMENT X

Make Model Name	B737 MAX Series Undifferentiated
-----------------	----------------------------------

COMPONENT 1

Aircraft Component	Wheels/Tires/Brakes
--------------------	---------------------

PERSON 1

Function - Maintenance	Technician
ASRS Report Number	2053650

EVENTS

Anomaly	Aircraft Equipment Problem - Less Severe
Detector - Person	Maintenance
Result - General	Maintenance Action

NARRATIVE 1

During a LOSA (Line Operations Safety Assessment) observation, mechanic found a #4 brake rotor drive clip cracked. While awaiting parts I inspected the brake and found a total of seven of the rotor drive clips cracked. Got with several other technicians including the grave shift new hire trainer and was told they are seeing this problem on max aircraft quite common, and occasionally on new gens.

Might need to address the material used for the rotor drive clips! on this particular brake, every crack was found on the last rotor disk leaving me to believe it is a heat issue.

SYNOPSIS

Aircraft maintenance technician reported multiple brake rotor drive clips cracked on 737 MAX aircraft.