

Boeing 777s grounded after engine failure

U.S. planemaker Boeing has recommended grounding dozens of its 777 jets worldwide following a catastrophic engine failure on a United Airlines plane over Denver, Colorado

Boeing 777: Airlines urged to ground 128 aircraft powered by **Pratt & Whitney PW4000** engines



GROUNDING AIRCRAFT

Carriers flying Boeing 777s with same engine variant as Denver plane
United Airlines, U.S.



In service



In storage

24

28

All Nippon Airways (ANA), Japan

11

11

Korean Air, South Korea

7

9

Japan Airlines (JAL), Japan

9

4

Asiana Airlines, South Korea

7

2

Jin Air, South Korea

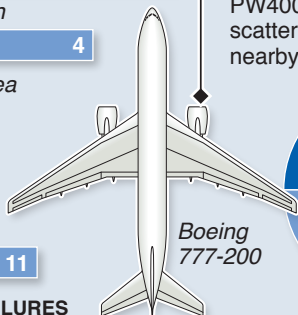
4

Other carriers

11

Denver engine failure:

Right-side Pratt & Whitney PW4000-112 blew apart, scattering debris over nearby suburbs



Boeing 777-200

62

Total*
127

65

UNCONTAINED ENGINE FAILURES

Feb 13, 2018: PW4077 engine components fall off **United Airlines Boeing 777-200** about 30 minutes before landing safely in Hawaii

Dec 4, 2020: **Japan Airlines Boeing 777-200** flight to Tokyo forced to return to Okinawa due to PW4074 engine malfunction

Feb 20, 2021: PW4056 engine parts drop from **Longtail Aviation Boeing 747-400** cargo plane over Maastricht, Netherlands

Feb 20, 2021: **United Airlines Boeing 777-200** bound for Hawaii suffers failure shortly after take-off and returns safely to Denver

*Bloomberg and Boeing data differ by one airplane

Sources: Associated Press, Bloomberg, Reuters

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