

# Boeing 777 Ozone Converter

## Aftermarket Solution for airline fleets

BASF has been approved by the Federal Aviation Administration (FAA) for OEM capability under Parts Manufacturer Approval (PMA) part number PQ1492CE, for the Boeing 777-200, -300 Series Ozone Converter (Part Number 48067001, Replacement Part Number 2341590-1).

### A Proven Solution

The FAA has certified that BASF has met the airworthiness requirements of the regulations applicable to the Boeing 777 on which the ozone converter will be installed in accordance with the provisions of 14CFR part 21, subpart K.

Since 1980, BASF has been the leading supplier of ozone removal systems to Boeing, Airbus, Gulfstream, Dassault, and many other aircraft OEMs. BASF's Deoxo™ ozone converters are now fitted to many commercial passenger aircraft platforms, as well as a number of regional and corporate jets.

After millions of flight hours in-service, BASF's ozone converters have exhibited superior catalyst life, durability, and cost-effective maintenance. They are designed to offer low weight and pressure drop, and are easy to install and remove.

### World-wide MRO Service

BASF offers competitive pricing for functional evaluation, maintenance, and repair services. BASF's worldwide service couples industry leading quality with short lead-times. BASF's repair services can increase the life of ozone converters to decrease total cost-per-hour over the service life of an aircraft.

*Top view*



*Side view*



## About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

**BASF - We create chemistry**

## Contact Us Today

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In 1980, FAA AC-120-38 was released mandating that aircraft cabin ozone levels cannot exceed 0.25 ppm above FL-320, and 0.10 ppm above FL-270 as a time weighted average for all flight segments longer than 4 hours. Ozone concentrations in excess of these levels can result in serious health issues including pulmonary distress, sinus pain, chest pain, fatigue, and dizziness.

Deoxo is a trademark of BASF.

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