

ICS 49.020
CCS L 06



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48148-2026

**Test method for electromagnetic compatibility of aircraft
systems**

航空飞行器系统电磁兼容性试验方法

(English Translation)

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Foreword

GB/T 48148-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 49.020; CCS L 06.

1 Scope

This document describes test methods for the system-level electromagnetic compatibility of aircraft. The test items run from preparation before testing through a check that the aircraft's own systems do not interfere with one another, immunity to external radio-frequency electromagnetic environments and electrostatic discharge immunity, to test reporting and the handling of problems found during testing. Informative annexes describe a low-level method for external radio-frequency immunity and reference environment data.

It applies to manned and unmanned aircraft powered by aero-engines and to large electric aircraft, but not to unmanned aerial vehicles below 150 kg. Aircraft manufacturers, system integrators, EMC test laboratories and airworthiness engineers are the intended users.

It is a recommended (GB/T) standard, so it is voluntary unless a programme specification or contract calls it up. It was issued on 28 August 2026 and takes effect on 1 March 2027.