CERTIFICATE OF ACCREDITATION

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has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

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OTAM AUTOMATIVE TECHNOLOGIES RESEARCH AND DEVELOPMENT CENTER

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Climatic	
DO 160G Section 5 (Category C), Section 6(Category A, Category B, Category C)	Standard for the environmental testing of avionics hardware.
ISO 16750-4 Except Clause 5.4, Clause 5.5, Clause 5.8, Clause 5.9, Clause 5.10, Clause 5.11, Clause 5.12	Road vehicles — Environmental conditions and testing for electrical and electronic equipment
MIL STD 810G Method 501.5 (Procedure I, II)	High Temperature
MIL STD 810G Method 502.5 (Procedure I, II)	Low Temperature
MIL STD 810G Method 503.5	Thermal Shock[i]
MIL STD 810G Method 507.5	Humidity
MIL STD 810G Method 501.5 (Procedure I, II)	High Temperature
MIL STD 810G Method 502.5 (Procedure I, II)	Low Temperature
MIL STD 810G Method 503.5	Thermal Shock
MIL STD 810G Method 507.5	Humidity
MIL STD 810G Change 1 Method 501.6 (Procedure I, II)	High Temperature
MIL STD 810G Change 1	Low Temperature

Method 502.6 (Procedure I, II)	
MIL STD 810G Change 1 Method 503.6	Temperature Shock
MIL STD 810G Change 1 Method 507.6	Humidity
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Vibration	
DO 160G Section 8	Standard for the environmental testing of avionics hardware.
DO-160G Section 7	Standard for the environmental testing of avionics hardware.
EN 60068-2-27	Standard procedure for determining the ability of a specimen to withstand specified severities of non-repetitive or repetitive shocks
ISO-16750-3 Except Clause 4.2.3, Clause 4.3, Clause 4.5	Road vehicles — Environmental conditions and testing for electrical and electronic equipment —
MIL STD 167-1	This standard specifies procedures and establishes requirements for environmental and internally excited vibration testing of Naval shipboard equipment installed on ships with conventionally shafted propulsion
MIL STD 167-1A	This standard specifies procedures and establishes requirements for environmental and internally excited vibration testing of Naval shipboard equipment installed on ships with conventionally shafted propulsion
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