

ISO 5332:2023-10 (E)

Civil small and light unmanned aircraft systems (UAS) under low-pressure conditions - Test methods

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Test description		1
4.1 General		1
4.2 Test conditions		1
4.2.1 Standard atmospheric conditions		1
4.2.2 Test with low temperature and low air pressure		2
4.2.3 Test with high temperature and low air pressure		2
4.2.4 Allowed deviation		3
4.2.5 Duration of exposure		3
4.2.6 Rate of temperature change		3
4.2.7 Rate of pressure change		3
4.3 Test article		3
4.4 Test apparatus		3
5 Test procedures		3
5.1 Preconditioning		3
5.2 Inspection before tests		4
5.3 Conditioning		4
5.4 Recovery		4
5.5 Inspection after tests		4
6 Test interruption and recovery		4
6.1 Interruption due to test chamber malfunction		4
6.2 Interruption due to test article operation failure		4
7 Test report		4
Annex A (Informative) Functional items that can be checked in the test chamber		6
Annex B (Informative) Example table for test result record		7
Bibliography		8