

ISO 23629-7:2021-09 (E)

UAS traffic management (UTM) - Part 7: Data model for spatial data

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Data model	2
4.1	Overall data model	2
4.2	Ground map package	3
4.2.1	Overview	3
4.2.2	Attributes of takeoff and landing area	3
4.2.3	Attributes of land	4
4.3	Obstacle data package	5
4.3.1	Overview	5
4.3.2	Attributes of static obstacle	5
4.3.3	Attributes of temporal obstacle	5
4.4	Virtual data package	6
4.4.1	Overview	6
4.4.2	Attributes of airspace	6
4.4.3	Attributes of flight route	6
4.4.4	Attributes of CNS coverage	7
4.5	Dynamic data package	7
4.5.1	Overview	7
4.5.2	Object sub-package	8
4.5.3	Phenomena sub-package	9
Annex A (informative)	Examples of information	11
Annex B (informative)	Use cases	12
Bibliography		26