ISO 21384-3:2019-11 (E)

Unmanned aircraft systems - Part 3: Operational procedures

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Abbreviated terms 2

5 Safety and security 2
5.1 General 2
5.2 Safety management system requirements 3
5.2.1 Safety policy 3
5.2.2 Safety risk management (SRM) 3
5.2.3 Safety assurance 3
5.2.4 Safety promotion 3
5.3 Security 3

6 Data protection -- Operator requirements 3

7 Operator 4
7.1 Documentation 4
7.1.1 Documents held by the UAS operator 4
7.1.2 Documents to be available at the point of operations 5
7.2 Insurance 5

8 Airspace 5
8.1 Compliance with airspace regulations 5
8.2 Airspace information 5
8.3 Operations above 500 ft (150 m) 6
8.4 Special zones above flight level (FL) 600 6

9 Facility and equipment and requirements 6
9.1 Registration 6
9.2 UA identification 6
9.3 Compatibility 6

10 Operations 6
10.1 Flight operations 6
10.2 Operational plan -- Flight planning 7
10.3 Flight preparation 7
10.3.1 Pre-flight inspections 7
10.3.2 Communication planning 8
10.4 In flight operations 8
10.4.1 Responsibilities of the remote pilot in command (RPIC) 8
10.4.2 Operational limitations 9
10.4.3 Handovers 9
10.4.4 Multiple UA operation 9
10.4.5 Autonomous operations 10

10.4.6 Communication 10
10.4.7 Operations at night 10
10.4.8 Surface/ground operations 11
10.4.9 Journey log 11
10.4.10 Abnormal and contingency procedures 11
10.5 Additional operator responsibilities 12
10.5.1 Oversight of contracted service providers 12
10.5.2 Personnel qualification and management 12

11 Maintenance 15

11.1 General 15
11.2 Hardware updates 15
11.3 Software updates 15
11.4 Service release 15
11.5 Configuration management 16

Annex A (normative) Privacy etiquette 17

Bibliography 18