

SCHEDULES

SCHEDULE 13

PENALTIES

PART 2

Provisions Referred to in Article 265(6)

CHAPTER 1

<i>Article of Order</i>	<i>Subject matter</i>
24(1)	Aircraft to be registered
32(1)	Aircraft not to fly unless it has nationality and registration marks
32(3)	Aircraft not to bear misleading marks
34(1)	Compliance with airworthiness directives
35	Requirement for certificate of release to service for [^{F1} Part-21] aircraft
36(8)	Holder of maintenance licence not to exercise privileges when unfit
42(1) [^{F2} (other than sub-paragraph (b)(ii))]	Restrictions on purposes of flight by aircraft with national permit to fly
43(2)	Requirement for weighing and determining centre of gravity
43(3)	Requirement for weight schedule
43(4)	Preservation of weight schedule
44(2)	Requirement for certificate of release to service for [^{F3} non-Part-21] aircraft
[^{F4} 44(5)]	Requirement for certificate of release to service for equipment installed on or in a [^{F3} non-Part-21] aircraft after its overhaul, repair, modification or inspection]
49	Aircraft not to fly without valid national airworthiness review certificate
51	Aircraft not to fly in specified circumstances
[^{F5} 54(1)]	Aircraft maintenance programme
55	Aircraft to be managed by approved continuing airworthiness management organisation and maintained by approved maintenance organisation]

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

66	Required flight crew
67	Flight crew required by aircraft registered in the United Kingdom
68	Pilot in command to be satisfied that flight can be safely completed
69	Pre-flight action by pilot in command of aircraft
70(1)(b), (2) and (3)	Pilots to remain at controls
71	Passengers to be seated and properly secured
72	Pilot in command to be satisfied that additional survival equipment carried
73	Passenger briefing by pilot in command
74	Pilot in command to demonstrate use of oxygen on commercial operation and non-commercial flights
75	Take-off and landing conditions
76	Aerodrome operating minima requirements for commercial operation and private aircraft
[^{F6} 77(1) and (3) to (7)	Requirements for aircraft to carry equipment]
[^{F7} 78A(3)	Carriage of equipment]
79	Operation of radio in aircraft
[^{F8} 80	Requirement for— a) operation of airborne collision avoidance system b) training in operation of airborne collision avoidance system]
81	Requirements concerning equipment when flying in North Atlantic Minimum Navigation Performance Specification airspace
82	Requirements concerning equipment when aircraft registered in United Kingdom flying in Reduced Vertical Separation Minimum airspace
83	Requirements concerning equipment when aircraft registered elsewhere than in United Kingdom flying in United Kingdom Reduced Vertical Separation Minimum airspace
84	Requirements concerning equipment for aircraft registered in the United Kingdom flying in Required Navigation Performance airspace
85	Requirements concerning equipment for aircraft registered elsewhere than in the United Kingdom flying in United Kingdom Required Navigation Performance airspace
86(1) to (5), (17) and (19)	Requirements for flying displays
87	Towing of gliders
88	Towing and picking up persons and articles other than gliders
89	Dropping of articles and animals

90(1) and (4) to (8)	Requirements for parachuting
90(2)	Person not to be dropped so as to endanger persons or property
91(1) and (4) to (7)	Requirements for aerial application
92	Requirements for balloons, gliders, kites and parascending parachutes and airships
93	Release of small balloons
F9	F9
...	...
[^{F10} 94A(1)	[^{F11} Permission for unmanned aircraft flights over or near aerodromes]]
[^{F12} 94BA(2)	Permission for unmanned aircraft flights over or near space sites]
F13	F13
...	...
96	Requirements for rockets
105	Pilot in command to ensure demonstration of life jackets
106	Pilot in command to ensure crew, passengers and baggage secure
107	Pilot in command to ensure demonstration of use of oxygen on public transport flights
108	Pilots required on public transport flights by flying machines
109(1)	Pilots required on public transport flights by aeroplanes
110(1)	Pilots required on public transport flights by helicopters
111	Flight navigators or navigational equipment required on public transport flights
112(2) and (3)	Requirement to carry cabin crew
114	Operator's responsibilities in relation to crew
115	Operator's responsibilities in relation to routes and aerodromes
116	Operations manual requirements
117	Training manual requirements
[^{F14} 119	Carriage and use of equipment
	Vibration health monitoring system to be operated in accordance with approved procedures]
120(2)	Exits to be in working order
120(3)	Exits to be kept free of obstruction
121(2)	Operator to ensure marking of exits
122	Operator's duty concerning loading of public transport aircraft
127(1)	Requirement to comply with section 1 of Subpart C of Part-CAT
127(6) and (9)	Requirements for aeroplanes flying over water for public transport

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

128(2)	Public transport operating conditions and performance requirements for helicopters
128(6)	Requirements for helicopter on public transport flights flying over water
129	Requirements for helicopters carrying out a performance class 3 operation
130(1)(a)	Helicopter flying over water for public transport under national air operator's certificate on performance class 1 operation or performance class 2 operation
130(1)(b)	Helicopter flying over water under police air operator's certificate on a performance class 1 operation or performance class 2 operation
131	Aerodrome operating minima requirements for public transport aircraft registered in United Kingdom
132	Aerodrome operating minima requirements for public transport aircraft registered elsewhere than in United Kingdom
133	Prohibition on A to A commercial air transport aeroplane operations and public transport flights at night and in specified meteorological conditions by aeroplane with one power unit registered elsewhere than in the United Kingdom
135	Police operations manual requirements
151(2) and (3)	Holder of licence which does not meet minimum standards of Chicago Convention to obtain permission of competent authority and not to fly in the United Kingdom without permission of the CAA
166(1)	Person not to act as member of flight crew when unfit
166(2)	Requirement to inform CAA of injury, illness or pregnancy
170(2)	Requirements for giving of flying instruction
175(3)	Operator's obligation to obtain flight time records of flight crew
176(2)	Flight crew member's obligation to inform operator of flight times
177	Flight times – responsibilities of flight crew
181	Duty of person in charge to be satisfied as to competence of controllers
182	Requirement for Manual of Air Traffic Services
183	Requirement to provide air traffic services
184(5)	Requirement to comply with air traffic direction
184(7)	Requirement to comply with provisional air traffic direction
185(4)	Requirement to comply with direction for airspace policy purposes
186	Use of radio callsigns at aerodromes
199(1)(a)	Requirement for flight information service officer's licence

199(1)(b)	Requirement to identify as flight information service officer
201	Requirement for flight information service manual
205(1)	Requirement for approval for air traffic service equipment
206(2)	Provision of recording apparatus
207	Requirement to use licensed or Government aerodrome
209(1)	Aerodrome operator permitting flying training or testing at aerodrome without adequate facilities
209(2)	Pilot in command conducting flying training or testing at aerodrome without adequate facilities
210	Lighting for helicopters flying for public transport at night
212(6)	Requirement to comply with aerodrome licence conditions
212(7)	Requirement to take reasonable steps to secure airspace safe for use by aircraft
212(8) to (12)	Requirements for aerodrome manual
220(1) and (2)	Obligations of person having management of fuel installation on an aerodrome
220(4) and (5)	Requirements to keep and produce records for fuel installation
221(1) and (3)	Requirements for aeronautical lights
222(2) to (5)	Requirements for lighting of en-route obstacles
223(2), (4) to (7) and (9)	Requirements for lighting of wind turbine generators in United Kingdom territorial waters
224(1) and (2)	Lights liable to endanger not to be exhibited
225	Lights which dazzle or distract not to be shone
[^{F15} 225A(1), (3) and (6)	Permission for unmanned aircraft flights over or near space sites]
226(1), (2), (3) and (5)	Requirements for log books for [^{F3} non-Part-21] aircraft
227(2)	Requirement for technical log
227(4)	Entries in technical log
227(7)	Certificate to be entered in technical log
231	Use of flight recording systems
232	Preservation of records of aeroplane flight data recorder
233	Preservation of records of helicopter flight data recorder
234	Preservation of records of helicopter cockpit voice recorder and flight data recorder
239(4)	Requirement to comply with Restriction of Flying Regulations
239(5)	Requirement to leave restricted area
239(6)	Requirement to comply with instructions in restricted area or danger area

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

243	Smoking in aircraft
244	Requirement to comply with lawful commands of pilot in command of aircraft
245(a) and (b)	Acting in a disruptive manner
246	Stowaways
249(2)	Requirement to comply with Rules of the Air
260	Compliance with direction to make data available
263	Person not to obstruct or impede

- F1** Word in Sch. 13 Pt. 2 Ch. 1 substituted (31.12.2020) by The Aviation Safety (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/645), reg. 1, **Sch. 1 para. 85(3)(a)(i)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)
- F2** Words in Sch. 13 Pt. 2 Ch. 1 inserted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(a)**
- F3** Word in Sch. 13 Pt. 2 Ch. 1 substituted (31.12.2020) by The Aviation Safety (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/645), reg. 1, **Sch. 1 para. 85(3)(a)(ii)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)
- F4** Words in Sch. 13 Pt. 2 Ch. 1 inserted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(b)**
- F5** Words in Sch. 13 Pt. 2 Ch. 1 inserted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(c)**
- F6** Words in Sch. 13 Pt. 2 Ch. 1 substituted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(d)**
- F7** Words in Sch. 13 Pt. 2 Ch. 1 substituted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(e)**
- F8** Words in Sch. 13 Pt. 2 Ch. 1 substituted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(f)**
- F9** Words in Sch. 13 Pt. 2 Ch. 1 omitted (31.12.2020) by virtue of The Air Navigation (Amendment) Order 2020 (S.I. 2020/1555), arts. 1(2), **12(b)(i)** (with art. 13)
- F10** Words in Sch. 13 Pt. 2 Ch. 1 substituted (13.3.2019) by The Air Navigation (Amendment) Order 2019 (S.I. 2019/261), arts. 1(2), **6**
- F11** Words in Sch. 13 Pt. 2 Ch. 1 substituted (31.12.2020) by The Air Navigation (Amendment) Order 2020 (S.I. 2020/1555), arts. 1(2), **12(b)(ii)** (with art. 13)
- F12** Words in Sch. 13 Pt. 2 Ch. 1 inserted (19.8.2021) by The Air Navigation (Amendment) Order 2021 (S.I. 2021/879), arts. 1(1), **12(a)**
- F13** Words in Sch. 13 Pt. 2 Ch. 1 omitted (31.12.2020) by virtue of The Air Navigation (Amendment) Order 2020 (S.I. 2020/1555), arts. 1(2), **12(b)(iii)** (with art. 13)
- F14** Words in Sch. 13 Pt. 2 Ch. 1 substituted (14.12.2017) by The Air Navigation (Amendment) Order 2017 (S.I. 2017/1112), arts. 1, **52(g)**
- F15** Words in Sch. 13 Pt. 2 Ch. 1 inserted (6.9.2021) by The Air Navigation (Amendment) Order 2021 (S.I. 2021/879), arts. 1(2), **12(b)**

CHAPTER 2

Provision of Part 21, Part M, Part 145, Part 66 or Part 147 **Subject matter**

21A.3(b) and (c)	Reporting of investigation of failures, malfunctions and defects
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21A.3B(c)	Airworthiness directives – obligation to propose and make available corrective action
21A.129	Obligations of manufacturer
21A.165	Obligations of a production organisation approval holder
21A.727	Obligations of the holder of a permit to fly
M.A.202	Occurrence reporting
M.A.303	Carrying out airworthiness directives
M.A.305	Aircraft continuing airworthiness record system
M.A.306	Operator's technical log system
M.A.708	Continuing airworthiness management
M.A.710	Conduct of airworthiness review
145.A.50	Certification of release to service for maintenance
145.A.55	Maintenance records to be kept by organisation approved under Part 145
145.A.60	Occurrence reporting

^{F16}CHAPTER 3

F16 Sch. 13 Pt. 2 Ch. 3 omitted (31.12.2020) by virtue of The Aviation Safety (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/645), reg. 1, **Sch. 1 para. 85(3)(b)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)

CHAPTER 4

<i>Provision of</i> <small>F17</small>	<i>Subject matter</i>
... Air Operations Regulation	
CAT.GEN.MPA.105(a) (7), (8), (10) and (12)	Responsibilities of pilot in command
CAT.GEN.MPA.195(a) to (e)	Preservation, production and use of flight recorder recordings
CAT.GEN.MPA.200(e)	Reporting of dangerous goods incidents and accidents
CAT.OP.MPA.175(b)	Flight preparation by pilot in command
CAT.OP.MPA.210(a)(1) and (2)	Flight crew to remain at station
CAT.OP.MPA.225	Crew and passengers to be secured
SPA.PBN.100	Requirement for Performance Based Navigation approval
SPA.MNPS.100	Requirement for Minimum Navigation Performance Specification approval
SPA.RVSM.100	Requirement for Reduced Vertical Separation Minimum approval

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

SPA.LVO.100	Requirement for low visibility operations approval
SPA.ETOPS.100	Requirement for extended range operations approval
SPA.NVIS.100	Requirement for night vision imaging systems approval for helicopter operations
SPA.HHO.100	Requirement for helicopter hoist operations approval
SPA.HEMS.100	Requirement for helicopter emergency medical service operations approval
[^{F18} SPA.HOFO.105	Approval for helicopter offshore operations]

F17 Word in Sch. 13 Pt. 2 Ch. 4 omitted (31.12.2020) by virtue of [The Aviation Safety \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/645\)](#), reg. 1, **Sch. 1 para. 85(3)(c)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)

F18 Words in Sch. 13 Pt. 2 Ch. 4 inserted (5.12.2018) by [The Air Navigation \(Amendment\) \(No. 2\) Order 2018 \(S.I. 2018/1160\)](#), arts. 1, 7

CHAPTER 5

<i>Provision of</i> <i>F19</i>	<i>Subject matter</i>
...Aerodromes Regulation	
ADR.OR.B.005	Uncertificated operation of an ^{F20} ... aerodrome
ADR.OR.B.025(a)(1)	Failure to perform and document all required actions, inspections, tests, safety assessments or exercises
ADR.OR.B.030	Failure to comply with the scope and privileges defined in the terms attached to the aerodrome certificate
ADR.OR.B.040(c)	Failure to obtain prior approval for a change affecting the certificate or safety-critical aerodrome equipment or significantly affecting the aerodrome operator's management system, failure to operate under the conditions prescribed during such changes
ADR.OR.C 015	Failure to grant access to any facility, document or other material relevant to the activity subject to certification or declaration
ADR.OR.C 025	Failure to implement mandated safety measures
ADR.OR.E.005	Failure to establish and maintain an aerodrome manual
ADR.OPS.B.055	Failure to verify that organisations involved in storing and dispensing of fuel to aircraft have required procedures

F19 Word in Sch. 13 Pt. 2 Ch. 5 omitted (31.12.2020) by virtue of [The Aviation Safety \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/645\)](#), reg. 1, **Sch. 1 para. 85(3)(d)(i)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)

F20 Word in Sch. 13 Pt. 2 Ch. 5 omitted (31.12.2020) by virtue of The Aviation Safety (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019/645), reg. 1, Sch. 1 para. 85(3)(d)(ii) (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)

CHAPTER 6

<i>Provision of SERA</i>	<i>Subject matter</i>
2005	Flight to be in accordance with rules of the air
2010(a)	Pilot in command to be responsible for the operation of the aircraft
3105	Aircraft not to be flown below minimum heights
3110	Aircraft to be flown at cruising levels
3135	Aircraft not to be flown in formation flights except under pre-arrangements made between the pilots in command
3140	Unmanned free balloons to be operated so as to minimise hazards
3145	Aircraft not to be flown in prohibited and restricted areas
3201	Pilot in command to be responsible for taking action to avoid collisions
3205	Aircraft not to be flown in such proximity as to cause a collision hazard
3210 (other than (d)(4)(i) and (ii))	Aircraft to comply with rules as to right of way
3215	Aircraft flying at night to display lights
3220	Aircraft not to be flown in simulated instrument flight unless fully functioning dual controls installed and a safety pilot carried on board
3225	Aircraft operating on or in the vicinity of an aerodrome to observe other aerodrome traffic and conform to the pattern of traffic at the aerodrome
3230	Aircraft conducting water operations to comply with rules for avoiding collisions
3301	Aircraft to comply with signals
4001	A flight plan to be submitted before specified categories of flight
4020	An arrival report to be made to the appropriate air traffic services unit after landing
[^{F21} 5005 (other than (g) and (i))]	Aircraft operated under Visual Flight Rules to be operated according to the specified Visual Flight Rules
5010	Additional conditions to be observed by aircraft when flying under special Visual Flight Rules in control zones
5015	Instrument Flight Rules – Rules to be complied with by aircraft when flying under Instrument Flight Rules

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

5020	Instrument Flight Rules – Rules to be complied with by aircraft when flying under Instrument Flight Rules within controlled airspace
5025	Instrument Flight Rules – Rules to be complied with by aircraft when flying under Instrument Flight Rules outside controlled airspace
6005	Aircraft operating in Class E airspace, Class F airspace or Class G airspace

F21 Words in Sch. 13 Pt. 2 Ch. 6 substituted (14.12.2017) by [The Air Navigation \(Amendment\) Order 2017](#) (S.I. 2017/1112), arts. 1, **53**

CHAPTER 7

<i>Provision of</i> <i>F22</i>	<i>Subject matter</i>
... Aircrew Regulation	
MED.A.020 (a) and (b)	Decrease in medical fitness

F22 Word in Sch. 13 Pt. 2 Ch. 7 omitted (31.12.2020) by virtue of [The Aviation Safety \(Amendment etc.\) \(EU Exit\) Regulations 2019](#) (S.I. 2019/645), reg. 1, **Sch. 1 para. 85(3)(e)** (with Sch. 3) (as amended by S.I. 2019/1098, regs. 1(3), 12); 2020 c. 1, Sch. 5 para. 1(1)

CHAPTER 8

<i>Provision of Part-NCC</i>	<i>Subject matter</i>
NCC.GEN.105	Crew responsibilities
NCC.GEN.106	Pilot in command responsibilities and authority
NCC.GEN.145	Preservation, production and use of flight recorder recordings
NCC.OP.100	Use of aerodromes and operating sites
NCC.OP.110	Aerodrome operating minima — general
NCC.OP.111	Aerodrome operating minima — NPA, APV, CAT I operations
NCC.OP.112	Aerodrome operating minima — circling operations with aeroplanes
NCC.OP.115	Departure and approach procedures
NCC.OP.116	Performance-based navigation — aeroplanes and helicopters
NCC.OP.125	Minimum obstacle clearance altitudes — IFR flights
NCC.OP.130	Fuel and oil supply — aeroplanes
NCC.OP.131	Fuel and oil supply — helicopters
NCC.OP.135	Stowage of baggage and cargo
NCC.OP.140	Passenger briefing

NCC.OP.145	Flight preparation
NCC.OP.150	Take-off alternate aerodromes — aeroplanes
NCC.OP.151	Destination alternate aerodromes — aeroplanes
NCC.OP.152	Destination alternate aerodromes — helicopters
NCC.OP.153	Destination alternate aerodromes — instrument approach procedures relying on GNSS
NCC.OP.155	Refuelling with passengers embarking, on board or disembarking
NCC.OP.165	Carriage of passengers
NCC.OP.170	Securing of passenger compartment and galley(s)
NCC.OP.175	Smoking on board
NCC.OP.180	Meteorological conditions
NCC.OP.185	Ice and other contaminants — ground procedures
NCC.OP.190	Ice and other contaminants — flight procedures
NCC.OP.195	Take-off conditions
NCC.OP.200	Simulated situations in flight
NCC.OP.210	Use of supplemental oxygen
NCC.OP.220	Airborne collision avoidance system (ACAS)
NCC.OP.225	Approach and landing conditions
NCC.OP.230	Commencement and continuation of approach
NCC.POL.100	Operating limitations — all aircraft
NCC.POL.105	Mass and balance, loading
NCC.POL.110	Mass and balance data and documentation
NCC.POL.115	Performance — general
NCC.POL.120	Take-off mass limitations — aeroplanes
NCC.POL.125	Take-off — aeroplanes
NCC.POL.130	En-route — one engine inoperative — aeroplanes
NCC.POL.135	Landing — aeroplanes
NCC.IDE.A.100	Instruments and equipment — general
NCC.IDE.A.105	Minimum equipment for flight
NCC.IDE.A.110	Spare electrical fuses
NCC.IDE.A.115	Operating lights
NCC.IDE.A.120	Operations under VFR — flight and navigational instruments and associated equipment
NCC.IDE.A.125	Operations under IFR — flight and navigational instruments and associated equipment
NCC.IDE.A.130	Additional equipment for single-pilot operations under IFR

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

NCC.IDE.A.135	Terrain awareness warning system (TAWS)
NCC.IDE.A.140	Airborne collision avoidance system (ACAS)
NCC.IDE.A.145	Airborne weather detecting equipment
NCC.IDE.A.150	Additional equipment for operations in icing conditions at night
NCC.IDE.A.155	Flight crew interphone system
NCC.IDE.A.160	Cockpit voice recorder
NCC.IDE.A.165	Flight data recorder
NCC.IDE.A.170	Data link recording
NCC.IDE.A.175	Flight data and cockpit voice combination recorder
NCC.IDE.A.180	Seats, seat safety belts, restraint systems and child restraint devices
NCC.IDE.A.185	Fasten seat belt and no smoking signs
NCC.IDE.A.190	First-aid kit
NCC.IDE.A.195	Supplemental oxygen — pressurised aeroplanes
NCC.IDE.A.200	Supplemental oxygen — non-pressurised aeroplanes
NCC.IDE.A.205	Hand fire extinguishers
NCC.IDE.A.206	Crash axe and crowbar
NCC.IDE.A.210	Marking of break-in points
NCC.IDE.A.215	Emergency locator transmitter (ELT)
NCC.IDE.A.220	Flight over water
NCC.IDE.A.230	Survival equipment
NCC.IDE.A.240	Headset
NCC.IDE.A.245	Radio communication equipment
NCC.IDE.A.250	Navigation equipment
NCC.IDE.A.255	Transponder
NCC.IDE.A.260	Management of aeronautical databases
NCC.IDE.H.100	Instruments and equipment — general
NCC.IDE.H.105	Minimum equipment for flight
NCC.IDE.H.115	Operating lights
NCC.IDE.H.120	Operations under VFR — flight and navigational instruments and associated equipment
NCC.IDE.H.125	Operations under IFR — flight and navigational instruments and associated equipment
NCC.IDE.H.130	Additional equipment for single-pilot operations under IFR
NCC.IDE.H.145	Airborne weather detecting equipment
NCC.IDE.H.150	Additional equipment for operations in icing conditions at night

NCC.IDE.H.155	Flight crew interphone system
NCC.IDE.H.160	Cockpit voice recorder
NCC.IDE.H.165	Flight data recorder
NCC.IDE.H.170	Data link recording
NCC.IDE.H.175	Flight data and cockpit voice combination recorder
NCC.IDE.H.180	Seats, seat safety belts, restraint systems and child restraint devices
NCC.IDE.H.185	Fasten seat belt and no smoking signs
NCC.IDE.H.190	First-aid kit
NCC.IDE.H.200	Supplemental oxygen — non-pressurised helicopters
NCC.IDE.H.205	Hand fire extinguishers
NCC.IDE.H.210	Marking of break-in points
NCC.IDE.H.215	Emergency locator transmitter (ELT)
NCC.IDE.H.225	Life-jackets
NCC.IDE.H.226	Crew survival suits
NCC.IDE.H.227	Life-rafts, survival ELTs and survival equipment on extended overwater flights
NCC.IDE.H.230	Survival equipment
NCC.IDE.H.232	Helicopters certified for operating on water — miscellaneous equipment
NCC.IDE.H.235	All helicopters on flights over water — ditching
NCC.IDE.H.240	Headset
NCC.IDE.H.245	Radio communication equipment
NCC.IDE.H.250	Navigation equipment
NCC.IDE.H.255	Transponder
NCC.IDE.H.260	Management of aeronautical databases

CHAPTER 9

<i>Provision of Part-NCO</i>	<i>Subject matter</i>
NCO.GEN.105 paragraph (a)(5))	(except Pilot in command responsibilities and authority
NCO.GEN.106	Pilot in command responsibilities and authority — balloons
NCO.OP.100	Use of aerodromes and operating sites
NCO.OP.110	Aerodrome operating minima — aeroplanes and helicopters
NCO.OP.111	Aerodrome operating minima — NPA, APV, CAT I operations
NCO.OP.112	Aerodrome operating minima — circling operations with aeroplanes

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

NCO.OP.115	Departure and approach procedures — aeroplanes and helicopters
NCO.OP.116	Performance-based navigation — aeroplanes and helicopters
NCO.OP.125	Fuel and oil supply — aeroplanes
NCO.OP.126	Fuel and oil supply — helicopters
NCO.OP.127	Fuel and ballast supply and planning — balloons
NCO.OP.130	Passenger briefing
NCO.OP.135	Flight preparation
NCO.OP.140	Destination alternate aerodromes — aeroplanes
NCO.OP.141	Destination alternate aerodromes — helicopters
NCO.OP.142	Destination alternate aerodromes — instrument approach procedure relying on GNSS
NCO.OP.145	Refuelling with passengers embarking, on board or disembarking
NCO.OP.150	Carriage of passengers
NCO.OP.155	Smoking on board — aeroplanes and helicopters
NCO.OP.156	Smoking on board — sailplanes and balloons
NCO.OP.160	Meteorological conditions
NCO.OP.165	Ice and other contaminants — ground procedures
NCO.OP.170	Ice and other contaminants — flight procedures
NCO.OP.175	Take-off conditions — aeroplanes and helicopters
NCO.OP.176	Take-off conditions — balloons
NCO.OP.180	Simulated situations in flight
NCO.OP.190	Use of supplemental oxygen
NCO.OP.200	Airborne collision avoidance system (ACAS II)
NCO.OP.205	Approach and landing conditions — aeroplanes and helicopters
NCO.OP.210	Commencement and continuation of approach — aeroplanes and helicopters
NCO.OP.215	Operational limitations — hot-air balloons
NCO.OP.220	Airborne collision avoidance system (ACAS II)
NCO.POL.100	Operating limitations — all aircraft
NCO.POL.105	Weighing
NCO.POL.110	Performance — general
NCO.IDE.A.100	Instruments and equipment — general
NCO.IDE.A.105	Minimum equipment for flight
NCO.IDE.A.110	Spare electrical fuses
NCO.IDE.A.115	Operating lights

NCO.IDE.A.120	Operations under VFR — flight and navigational instruments and associated equipment
NCO.IDE.A.125	Operations under IFR — flight and navigational instruments and associated equipment
NCO.IDE.A.130	Terrain awareness warning system (TAWS)
NCO.IDE.A.135	Flight crew interphone system
NCO.IDE.A.140	Seats, seat safety belts, restraint systems and child restraint devices
NCO.IDE.A.145	First-aid kit
NCO.IDE.A.150	Supplemental oxygen — pressurised aeroplanes
NCO.IDE.A.155	Supplemental oxygen — non-pressurised aeroplanes
NCO.IDE.A.160	Hand fire extinguishers
NCO.IDE.A.165	Marking of break-in points
NCO.IDE.A.170	Emergency locator transmitter (ELT)
NCO.IDE.A.175	Flight over water
NCO.IDE.A.180	Survival equipment
NCO.IDE.A.190	Radio communication equipment
NCO.IDE.A.195	Navigation equipment
NCO.IDE.A.200	Transponder
NCO.IDE.A.205	Management of aeronautical databases
NCO.IDE.H.100	Instruments and equipment — general
NCO.IDE.H.105	Minimum equipment for flight
NCO.IDE.H.115	Operating lights
NCO.IDE.H.120	Operations under VFR — flight and navigational instruments and associated equipment
NCO.IDE.H.125	Operations under IFR — flight and navigational instruments and associated equipment
NCO.IDE.H.126	Additional equipment for single pilot operations under IFR
NCO.IDE.H.135	Flight crew interphone system
NCO.IDE.H.140	Seats, seat safety belts, restraint systems and child restraint devices
NCO.IDE.H.145	First-aid kit
NCO.IDE.H.155	Supplemental oxygen — non-pressurised helicopters
NCO.IDE.H.160	Hand fire extinguishers
NCO.IDE.H.165	Marking of break-in points
NCO.IDE.H.170	Emergency locator transmitter (ELT)
NCO.IDE.H.175	Flight over water

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

NCO.IDE.H.180	Survival equipment
NCO.IDE.H.185	All helicopters on flights over water — ditching
NCO.IDE.H.190	Radio communication equipment
NCO.IDE.H.195	Navigation equipment
NCO.IDE.H.200	Transponder
NCO.IDE.H.205	Management of aeronautical databases
NCO.IDE.S.100	Instruments and equipment — general
NCO.IDE.S.105	Minimum equipment for flight
NCO.IDE.S.115	Operations under VFR — flight and navigational instruments
NCO.IDE.S.120	Cloud flying — flight and navigational instruments
NCO.IDE.S.125	Seats and restraint systems
NCO.IDE.S.130	Supplemental oxygen
NCO.IDE.S.135	Flight over water
NCO.IDE.S.140	Survival equipment
NCO.IDE.S.145	Radio communication equipment
NCO.IDE.S.150	Navigation equipment
NCO.IDE.S.155	Transponder
NCO.IDE.B.100	Instruments and equipment — general
NCO.IDE.B.105	Minimum equipment for flight
NCO.IDE.B.110	Operating lights
NCO.IDE.B.115	Operations under VFR — flight and navigational instruments and associated equipment
NCO.IDE.B.120	First-aid kit
NCO.IDE.B.121	Supplemental oxygen
NCO.IDE.B.125	Hand fire extinguishers
NCO.IDE.B.130	Flight over water
NCO.IDE.B.135	Survival equipment
NCO.IDE.B.140	Miscellaneous equipment
NCO.IDE.B.145	Radio communication equipment
NCO.IDE.B.150	Transponder
[^{F23} NCO.SPEC.105	Checklist
NCO.SPEC.110	Pilot-in-command responsibilities and authority
NCO.SPEC.115	Crew responsibilities
NCO.SPEC.125	Safety briefing
NCO.SPEC.130	Minimum obstacle clearance altitude – IFR flights

NCO.SPEC.135	Fuel and oil supply – aeroplanes
NCO.SPEC.140	Fuel and oil supply – helicopters
NCO.SPEC.155	Airborne Collision Avoidance System (ACAS II)
NCO.SPEC.170	Performance and operating criteria – aeroplanes
NCO.SPEC.175	Performance and operating criteria – helicopters
NCO.SPEC.HESLO.100	Checklist
NCO.SPEC.HESLO.105	Specific HESLO equipment
NCO.SPEC.HEC.100	Checklist
NCO.SPEC.PAR.100	Checklist
NCO.SPEC.ABF.100	Checklist]

F23 Words in Sch. 13 Pt. 2 Ch. 9 inserted (14.12.2017) by [The Air Navigation \(Amendment\) Order 2017 \(S.I. 2017/1112\)](#), arts. 1, **54**

[^{F24}CHAPTER 10

F24 Sch. 13 Pt. 2 Ch. 10 added (14.12.2017) by [The Air Navigation \(Amendment\) Order 2017 \(S.I. 2017/1112\)](#), arts. 1, **55**

<i>Provision of Part-SPO</i>	<i>Subject matter</i>
SPO.GEN.102	Touring motor gliders, powered sailplanes and mixed balloons
SPO.GEN.105	Crew responsibilities
SPO.GEN.107	Pilot-in-command responsibilities and authority
SPO.GEN.108	Pilot-in-command responsibilities and authority – balloons
SPO.GEN.119	Taxiing of aircraft
SPO.GEN.130	Portable electronic devices
SPO.GEN.145	Handling of flight recorder recordings: preservation, production, protection and use – operations with complex motor-powered aircraft
SPO.OP.100	Use of aerodromes and operating sites
SPO.OP.110	Aerodrome operating minima – aeroplanes and helicopters
SPO.OP.111	Aerodrome operating minima – NPA, APV, CAT I operations
SPO.OP.125	Minimum obstacle clearance altitudes – IFR flights
SPO.OP.130	Fuel and oil supply – aeroplanes
SPO.OP.131	Fuel and oil supply – helicopters
SPO.OP.132	Fuel and ballast supply and planning - balloons
SPO.OP.135	Safety briefing
SPO.OP.140	Flight preparation

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

<i>Provision of Part-SPO</i>	<i>Subject matter</i>
SPO.OP.145	Take-off alternate aerodromes – complex motor-powered aeroplanes
SPO.OP.150	Destination alternate aerodromes – aeroplanes
SPO.OP.151	Destination alternate aerodromes – helicopters
SPO.OP.155	Refuelling with persons embarking, on board or disembarking
SPO.OP.160	Use of headset
SPO.OP.165	Smoking
SPO.OP.170	Meteorological conditions
SPO.OP.175	Ice and other contaminants – ground procedures
SPO.OP.176	Ice and other contaminants – flight procedures
SPO.OP.180	Take-off conditions – aeroplanes and helicopters
SPO.OP.181	Take-off conditions – balloons
SPO.OP.195	Use of supplemental oxygen
SPO.OP.205	Airborne Collision Avoidance System (ACAS)
SPO.OP.210	Approach and landing conditions – aeroplanes and helicopters
SPO.OP.215	Commencement and continuation of approach – aeroplanes and helicopters
SPO.OP.230	Standard operating procedures
SPO.POL.100	Operating limitations – all aircraft
SPO.POL.105	Mass and balance
SPO.POL.110	Mass and balance system – commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft
SPO.POL.115	Mass and balance data and documentation – commercial operations with aeroplanes and helicopters and non-commercial operations with complex motor-powered aircraft
SPO.POL.120	Performance – general
SPO.POL.125	Take-off mass limitations – complex motor-powered aircraft
SPO.POL.130	Take-off – complex motor-powered aeroplanes
SPO.POL.135	En route – one engine inoperative – complex motor-powered aircraft
SPO.POL.140	Landing – complex motor-powered aircraft
SPO.POL.145	Performance and operating criteria – aeroplanes
SPO.POL.146	Performance and operating criteria – helicopters
SPO.IDE.A.100	Instruments and equipment — general
SPO.IDE.A.105	Minimum equipment for flight
SPO.IDE.A.110	Spare electrical fuses

<i>Provision of Part-SPO</i>	<i>Subject matter</i>
SPO.IDE.A.115	Operating lights
SPO.IDE.A.120	Operations under VFR — flight and navigational instruments and associated equipment
SPO.IDE.A.125	Operations under IFR — flight and navigational instruments and associated equipment
SPO.IDE.A.126	Additional equipment for single-pilot operations under IFR
SPO.IDE.A.130	Terrain awareness warning system (TAWS)
SPO.IDE.A.131	Airborne collision avoidance system (ACAS II)
SPO.IDE.A.132	Airborne weather detecting equipment – complex motor-powered aeroplanes
SPO.IDE.A.133	Additional equipment for operations in icing conditions at night - complex motor-powered aeroplanes
SPO.IDE.A.140	Cockpit voice recorder
SPO.IDE.A.145	Flight data recorder
SPO.IDE.A.150	Data link recording
SPO.IDE.A.155	Flight data and cockpit voice combination recorder
SPO.IDE.A.160	Seats, seat safety belts and restraint systems
SPO.IDE.A.165	First-aid kit
SPO.IDE.A.170	Supplemental oxygen – pressurised aeroplanes
SPO.IDE.A.175	Supplemental oxygen – non-pressurised aeroplanes
SPO.IDE.A.180	Hand fire extinguishers
SPO.IDE.A.181	Crash axe and crowbar
SPO.IDE.A.185	Marking of break-in points
SPO.IDE.A.190	Emergency locator transmitter (ELT)
SPO.IDE.A.195	Flight over water
SPO.IDE.A.200	Survival equipment
SPO.IDE.A.205	Individual protective equipment
SPO.IDE.H.197	Life-jackets – complex motor-powered helicopters
SPO.IDE.H.198	Survival suits – complex motor-powered helicopters
SPO.IDE.H.199	Life-rafts, survival ELTs and survival equipment on extended overwater flights – complex motor-powered helicopters
SPO.IDE.H.200	Survival equipment
SPO.IDE.H.201	Additional requirements for helicopters conducting offshore operations in a hostile sea area – complex motor-powered helicopters
SPO.IDE.H.202	Helicopters certified for operating on water – miscellaneous equipment

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

<i>Provision of Part-SPO</i>	<i>Subject matter</i>
SPO.IDE.H.203	All helicopters on flights over water - ditching
SPO.IDE.H.205	Individual protective equipment
SPO.IDE.H.210	Headset
SPO.IDE.H.215	Radio communication equipment
SPO.IDE.H.220	Navigation equipment
SPO.IDE.H.225	Transponder
SPO.IDE.S.100	Instruments and equipment — general
SPO.IDE.S.105	Minimum equipment for flight
SPO.IDE.S.115	Operations under VFR — flight and navigational instruments
SPO.IDE.S.120	Cloud flying — flight and navigational instruments
SPO.IDE.S.125	Seats and restraint systems
SPO.IDE.S.130	Supplemental oxygen
SPO.IDE.S.135	Flight over water
SPO.IDE.S.140	Survival equipment
SPO.IDE.S.145	Radio communication equipment
SPO.IDE.S.150	Navigation equipment
SPO.IDE.S.155	Transponder
SPO.IDE.B.100	Instruments and equipment — general
SPO.IDE.B.105	Minimum equipment for flight
SPO.IDE.B.110	Operating lights
SPO.IDE.B.115	Operations under VFR — flight and navigational instruments and associated equipment
SPO.IDE.B.120	First-aid kit
SPO.IDE.B.121	Supplemental oxygen
SPO.IDE.B.125	Hand fire extinguishers
SPO.IDE.B.130	Flight over water
SPO.IDE.B.135	Survival equipment
SPO.IDE.B.140	Miscellaneous equipment
SPO.IDE.B.145	Radio communication equipment
NCO.IDE.B.150	Transponder]

[^{F25}CHAPTER 11

F25 Sch. 13 Pt. 2 Ch. 11 inserted (5.12.2018) by [The Air Navigation \(Amendment\) \(No. 2\) Order 2018 \(S.I. 2018/1160\)](#), arts. 1, 8

<i>Provision of Part-ORO</i>	<i>Subject matter</i>
ORO.GEN.110(a) to inclusive	(i) Operator responsibilities
ORO.GEN.120(b) to inclusive	(d) Means of compliance
ORO.GEN.130	Changes related to an AOC holder
ORO.GEN.140	Access
ORO.GEN.150(c)	Findings
ORO.GEN.155	Immediate reaction to a safety problem
ORO.GEN.200	Management system
ORO.GEN.205	Contracted activities
ORO.GEN.210	Personnel requirements
ORO.GEN.220	Record-keeping
ORO.AOC.110(b) and (f)	Leasing agreement
ORO.AOC.115	Code-share agreements
ORO.AOC.125(a)	Non-commercial operations of aircraft listed in the operations specifications by the holder of an AOC
ORO.AOC.130	Flight data monitoring–aeroplanes
ORO.AOC.135	Personnel requirements
ORO.AOC.140	Facility requirements
ORO.AOC.150	Documentation requirements
ORO.SPO.100	Common requirements for commercial specialised operators
ORO.MLR.100 (other than (c) and (h))	Operations manual – general
ORO.MLR.105	Minimum equipment list
ORO.FC.100 (other than (d))	Composition of flight crew
ORO.FC.105 (other than (d))	Designation as pilot-in-command/commander
ORO.FC.110	Flight engineer
ORO.FC.115	Crew resource management (CRM) training
ORO.FC.120	Operator conversion training
ORO.FC.125	Differences training and familiarisation training
ORO.FC.130	Recurrent training and checking
ORO.FC.135	Pilot qualification to operate in either pilot’s seat
ORO.FC.140	Operation on more than one type or variant
ORO.FC.145	Provision of training
ORO.FC.200	Composition of flight crew
ORO.FC.A.201	In-flight relief of flight crew members

Changes to legislation: There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2. (See end of Document for details)

<i>Provision of Part-ORO</i>	<i>Subject matter</i>
ORO.FC.202	Single-pilot operations under IFR or at night
ORO.FC.205	Command course
ORO.FC.215	Initial operator's crew resource management (CRM) training
ORO.FC.220	Operator conversion training and checking
ORO.FC.230	Recurrent training and checking
ORO.FC.235	Pilot qualification to operate in either pilot's seat
ORO.FC.240 (other than (c))	Operation on more than one type or variant
ORO.FC.A.245 (other than (a) and (e))	Alternative training and qualification programme
ORO.FC.A.250(a)	Commanders holding a CPL(A)
ORO.FC.H.250	Commanders holding a CPL(H)
ORO.FC.330	Recurrent training and checking – operator proficiency check
ORO.CC.100	Number and composition of cabin crew
ORO.CC.110	Conditions for assignment to duties
ORO.CC.115	Conduct of training courses and associated checking
ORO.CC.120	Initial training course
ORO.CC.125	Aircraft type specific training and operator conversion training
ORO.CC.130	Differences training
ORO.CC.135	Familiarisation
ORO.CC.140	Recurrent training
ORO.CC.145	Refresher training
ORO.CC.200	Senior cabin crew member
ORO.CC.205	Reduction of the number of cabin crew during ground operations and in unforeseen circumstances
ORO.CC.210	Additional conditions for assignment to duties
ORO.CC.215	Training and checking programs and related documentation
ORO.CC.250	Operation on more than one aircraft type or variant
ORO.CC.255	Single cabin crew member operations
ORO.TC.105	Conditions for assignment to duties
ORO.TC.110	Training and checking
ORO.TC.115	Initial training
ORO.TC.120	Operator conversion training
ORO.TC.125	Differences training
ORO.TC.130	Familiarisation flights
ORO.TC.135	Recurrent training

<i>Provision of Part-ORO</i>	<i>Subject matter</i>
ORO.TC.140	Refresher training
ORO.FTL.115	Crew member responsibilities
ORO.FTL.120	Fatigue risk management (FRM)
ORO.FTL.125	Flight time specification schemes
ORO.FTL.200	Home base
ORO.FTL.205	Flight duty period (FDP)
ORO.FTL.220	Split duty
ORO.FTL.225(a), (e) and (f)	Standby and duties at the airport
ORO.FTL.230	Reserve
ORO.FTL.235	Rest periods
ORO.FTL.250	Fatigue management training]

Changes to legislation:

There are currently no known outstanding effects for the The Air Navigation Order 2016, PART 2.