



REPUBLIC of SAN MARINO
CIVIL AVIATION AUTHORITY

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CAR OPS 1 INSTRUMENTS AND EQUIPMENT COMPLIANCE STATEMENT (AEROPLANE)

CAR OPS 1 SUBPARTS K, L & S AIRCRAFT INSTRUMENTS & EQUIPMENT COMPLIANCE STATEMENT	
<i>Note: This document is based on CAR OPS 1, as amended and operators must refer to this document when completing this statement. Equipment changes since last issue are marked with a vertical line.</i>	
1.1 Name of Operator:	
1.2 Registration Mark:	T7-
1.3 Manufacturer's Designation of Aircraft:	
1.4 Aircraft Serial No.:	
1.5 Manufacturer of Aircraft:	
1.6 Date of Manufacture:	
1.7 Date of First individual C of A received	
1.8 Maximum Certificated Take-off Mass (MTOM):	
1.9 Maximum approved passenger seating configuration (MAPSC):	
1.10 Maximum operational passenger seating configuration (MOPSC):	
1.11 Which version of CAR OPS 1 is this declaration is based on:	

CAR OPS 1 SUBPART K REQUIREMENTS					
Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
1.630 General introduction					
(a) Instruments & equipment to be approved and in operable condition	☐	☐	☐	☐	
(b) Instruments & equipment performance standards	☐	☐	☐	☐	
(c) Items without equipment approval	☐	☐	☐	☐	
(d) Cockpit equipment installation	☐	☐	☐	☐	
(e) Visibility of cockpit instruments	☐	☐	☐	☐	
(f) Control flight path	☐	☐	☐	☐	
1.635 Circuit protection devices					
(a) Spare fuses	☐	☐	☐	☐	
1.640 Aeroplane operating lights					
(a) Operating lights for flights by day	☐	☐	☐	☐	
(b) Operating lights for flights by night	☐	☐	☐	☐	
1.645 Windshield wipers					
(a) Windshield wipers or equivalent means	☐	☐	☐	☐	
1.650 Day VFR operations – Flight and navigational instruments and associated equipment					
(a) Magnetic compass	☐	☐	☐	☐	



CAR OPS 1 SUBPART K REQUIREMENTS

Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
(b) Timepiece	☐	☐	☐	☐	
(c) Sensitive pressure altimeter	☐	☐	☐	☐	
(d) Airspeed indicator	☐	☐	☐	☐	
(e) Vertical speed indicator	☐	☐	☐	☐	
(f) Turn and slip indicator	☐	☐	☐	☐	
(g) Attitude indicator	☐	☐	☐	☐	
(h) Stabilized direction indicator	☐	☐	☐	☐	
(i) Outside air temperature indication	☐	☐	☐	☐	
(j) Alternate means of compliance	☐	☐	☐	☐	
(k) Instruments for two pilot aeroplanes	☐	☐	☐	☐	
(l) Heated pitot tube	☐	☐	☐	☐	
(m) Separate displays for each pilot	☐	☐	☐	☐	
(n) Power supply malfunction indication	☐	☐	☐	☐	
(o) Mach number indicator	☐	☐	☐	☐	
(p) Headset with boom microphone	☐	☐	☐	☐	
(q) Equipped for VFR flights as controlled flights (see OPS 1.652)	☐	☐	☐	☐	
1.652 IFR or night operations – Flight and navigational instruments and associated equipment					
(a) Magnetic compass	☐	☐	☐	☐	
(b) Timepiece	☐	☐	☐	☐	
(c) Sensitive pressure altimeter	☐	☐	☐	☐	
(d) Airspeed indicating system with heated pitot tube	☐	☐	☐	☐	
(e) Vertical speed indicator	☐	☐	☐	☐	
(f) Turn and slip indicator	☐	☐	☐	☐	
(g) Attitude indicator	☐	☐	☐	☐	
(h) Stabilized direction indicator	☐	☐	☐	☐	
(i) Outside air temperature indication	☐	☐	☐	☐	
(j) Independent static pressure systems	☐	☐	☐	☐	
(k) Instruments for two pilot aeroplanes	☐	☐	☐	☐	
(l) Stand-by attitude indicator	☐	☐	☐	☐	
(m) Stand-by attitude indicator power source indication	☐	☐	☐	☐	
(n) Chart holder	☐	☐	☐	☐	
(o) Alternate means of compliance	☐	☐	☐	☐	
(p) Separate displays for each pilot	☐	☐	☐	☐	
(q) Power supply malfunction indication	☐	☐	☐	☐	
(r) Mach number indicator	☐	☐	☐	☐	
(s) Headset with boom microphone	☐	☐	☐	☐	



CAR OPS 1 SUBPART K REQUIREMENTS

Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
(t) Hybrid ALS, HUD, EVS, SVS or CVS criteria for use	☐	☐	☐	☐	
1.655 Additional equipment for single pilot operation under IFR					
(a) Autopilot	☐	☐	☐	☐	
1.660 Altitude alerting system					
(a) Pre-selected altitude alerting	☐	☐	☐	☐	
1.665 Ground proximity warning system					
(a) Applicability	☐	☐	☐	☐	
(b) System requirements	☐	☐	☐	☐	
(c) Visual and aural signals; forward looking capability	☐	☐	☐	☐	
1.668 Airborne Collision Avoidance System					
(a) Applicability; ACAS II, Version 7.1	☐	☐	☐	☐	
(b) Functionality	☐	☐	☐	☐	
1.670 Airborne weather radar equipment					
(a) Applicability	☐	☐	☐	☐	
(b) Alternate means of compliance	☐	☐	☐	☐	
1.672 Runway Overrun Awareness and Alerting System (ROAAS)					
Applicability and system requirements	☐	☐	☐	☐	
1.675 Equipment for operations in icing conditions					
(a) Aeroplane to be certificated & equipped	☐	☐	☐	☐	
(b) Detection of ice formation at night	☐	☐	☐	☐	
1.680 Cosmic radiation detection equipment					
(a) Applicability; Measurement equipment	☐	☐	☐	☐	
1.685 Flight crew interphone system					
(a) Applicability; System requirements	☐	☐	☐	☐	
1.690 Crew member interphone system					
(a) Applicability	☐	☐	☐	☐	
(b) System requirements	☐	☐	☐	☐	
1.695 Public address system					
(a) Applicability	☐	☐	☐	☐	
(b) System requirements	☐	☐	☐	☐	
1.700 Cockpit voice recorders					
(a), (b), (c), (f) & (g) Applicability and system requirements	☐	☐	☐	☐	
(d) Recording media	☐	☐	☐	☐	
(e) Recording time	☐	☐	☐	☐	
(h1) & (h2) Alternate power source	☐	☐	☐	☐	
1.710 Flight data recorders < 5700kg					



CAR OPS 1 SUBPART K REQUIREMENTS

Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
(a) Applicability and system requirements	☐	☐	☐	☐	
(b) Recording media	☐	☐	☐	☐	
1.715 Flight data recorders > 5700kg					
(a)-(g) Applicability and system requirements	☐	☐	☐	☐	
(h) Recording media	☐	☐	☐	☐	
(i) Recording time	☐	☐	☐	☐	
(j) Exemption on parameters needed	☐	☐	☐	☐	
1.720 Flight data recorders – Data link					
(a)–(b) Applicability; Digital method of recording	☐	☐	☐	☐	
(c) Recording time	☐	☐	☐	☐	
(d) System requirements	☐	☐	☐	☐	
1.725 Combination Recorder					
(a) Applicability	☐	☐	☐	☐	
Appendices to OPS 1.700/1.710/1.715/1.720 Flight data recorders					
(a) System requirements	☐	☐	☐	☐	
(b) Inspection capability	☐	☐	☐	☐	
(c) Underwater locating device (90 days)	☐	☐	☐	☐	
(d) Start and stop of recording	☐	☐	☐	☐	
1.730 Seats, seat safety belts, harnesses and child restraint devices					
(a) Requirement	☐	☐	☐	☐	
(b) Shoulder harness single point release	☐	☐	☐	☐	
(c) Exceptions	☐	☐	☐	☐	
1.731 Fasten Seat belt and No Smoking signs					
(a) Requirement	☐	☐	☐	☐	
1.735 Internal doors and curtains					
(a) Applicability; Requirement	☐	☐	☐	☐	
(b) Means for opening doors in emergency	☐	☐	☐	☐	
(c) Securing of doors and curtains	☐	☐	☐	☐	
(d) Placards for doors and curtains	☐	☐	☐	☐	
(e) Unlocking of doors	☐	☐	☐	☐	
1.745 First-Aid Kits					
(a) Number of kits	☐	☐	☐	☐	No installed:
(b) Inspection of kits	☐	☐	☐	☐	
1.755 Emergency Medical Kit					
(a) Applicability	☐	☐	☐	☐	
(b) Use of kit by qualified persons	☐	☐	☐	☐	
(c) Conditions for carriage	☐	☐	☐	☐	



CAR OPS 1 SUBPART K REQUIREMENTS

Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³	
	TCDS	STC	Other	N/A		
1.760 First-aid oxygen						
(a) Applicability; Requirement	☐	☐	☐	☐		
(b) Quantity of oxygen	☐	☐	☐	☐		
(c) Sufficient number	☐	☐	☐	☐		
(d) Sufficient quantity	☐	☐	☐	☐		
(e) Mass flow	☐	☐	☐	☐		
1.770 Supplemental oxygen – pressurised aeroplanes						
(a) General	☐	☐	☐	☐		
(b) Oxygen equipment and supply requirements	☐	☐	☐	☐		
1.775 Supplemental oxygen – Non-pressurised aeroplanes						
(a) General	☐	☐	☐	☐		
(b) Oxygen supply requirements	☐	☐	☐	☐		
1.780 Crew Protective Breathing Equipment						
(a) Applicability; Requirement	☐	☐	☐	☐		
(b) Location of flight deck PBE	☐	☐	☐	☐		
(c) Location of cabin crew PBE	☐	☐	☐	☐		
(d) Additional PBE	☐	☐	☐	☐		
(e) Communication	☐	☐	☐	☐		
1.790 Hand fire extinguisher						
(a) Type and quantity of extinguishing agent	☐	☐	☐	☐		
(b) Flight deck fire extinguisher	☐	☐	☐	☐	No installed:	
(c) Fire extinguishers for galleys not in cabin	☐	☐	☐	☐	No installed:	
(d) Fire extinguishers for Class A, B and E cargo bays.	☐	☐	☐	☐	No installed:	
(e) Number of fire extinguishers in cabin	☐	☐	☐	☐	No installed:	
(f) Halon 1211 or equivalent allowable extinguisher type (as applicable)	☐	☐	☐	☐		
(g) Built-in and/or portable fire extinguisher agent type	☐	☐	☐	☐		
1.795 Crash axes and crowbars						
(a) Applicability and number of crash axes and crowbars	☐	☐	☐	☐	No installed:	
(b) Visibility of crash axes and crowbars	☐	☐	☐	☐		
1.800 Marking of break-in points						
(a) Applicability; Requirement	☐	☐	☐	☐		
1.805 Means for emergency evacuation						
(a) Applicability; Requirement	☐	☐	☐	☐		
(b) Exceptions	☐	☐	☐	☐		
(c) Flight crew emergency evacuation	☐	☐	☐	☐		



CAR OPS 1 SUBPART K REQUIREMENTS						
Subpart K – Instrument and Equipment ¹	COMPLIANCE ²				Remarks ³	
	TCDS	STC	Other	N/A		
1.810 Megaphones						
(a) Applicability; Requirement	☐	☐	☐	☐		
1.815 Emergency lighting						
(a) Applicability; Requirement	☐	☐	☐	☐		
(b) General cabin illumination	☐	☐	☐	☐		
1.820 Emergency Locator Transmitter						
(a) Applicability; Requirement	☐	☐	☐	☐		
(b) Applicability; requirement; exceptions	☐	☐	☐	☐		
(c) Coding of 406 MHz ELT	☐	☐	☐	☐		
1.821 Location of an Aeroplane in Distress						
(a) Applicability: Requirements	☐	☐	☐	☐		
1.825 Life Jackets						
(a) Land aeroplanes	☐	☐	☐	☐		
(b) Seaplanes and amphibians	☐	☐	☐	☐		
1.830 Life-rafts and survival ELTs for extended overwater flights						
(a) Applicability	☐	☐	☐	☐		
(b) Requirement; number of rafts	☐	☐	☐	☐	No installed:	
(c) Survival ELT	☐	☐	☐	☐		
(d) Underwater locating device (>27000kg)	☐	☐	☐	☐		
1.835 Survival equipment						
(a) Applicability; signalling equipment	☐	☐	☐	☐		
(b) ELT	☐	☐	☐	☐		
(c) Additional survival equipment	☐	☐	☐	☐		
1.840 Seaplanes and amphibians – Miscellaneous equipment						
(a) Mooring, anchoring, manoeuvring, signalling equipment	☐	☐	☐	☐		
1.842 Additional requirements for single engine turbine powered aeroplanes at night and IFR						
(a) Applicability and aircraft systems	☐	☐	☐	☐		



CAR OPS 1 SUBPART L REQUIREMENTS					
Subpart L – Communication, Navigation & Surveillance Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
1.845 General Introduction					
(a) Communication and navigation equipment to be approved and in operable condition	☐	☐	☐	☐	
(b) Communication and navigation equipment minimum performance standards	☐	☐	☐	☐	
1.850 Communication Equipment					
(a) Requirement	☐	☐	☐	☐	
(b) Antenna installation	☐	☐	☐	☐	
(c) Emergency frequency 121.5 MHz	☐	☐	☐	☐	
(d) RCP requirements	☐	☐	☐	☐	
1.855 Audio Selector Panel					
(a) Requirement	☐	☐	☐	☐	
1.860 Communication equipment for operations under VFR over routes navigated by reference to visual landmarks					
(a) Communication with ground stations	☐	☐	☐	☐	
(b) Communication with air traffic control	☐	☐	☐	☐	
(c) Reception of meteorological information	☐	☐	☐	☐	
1.865 Communication and Navigation equipment for operations under IFR, or under VFR over routes not navigated by reference to visual landmarks					
(a) Requirement	☐	☐	☐	☐	
(b) & (c) Communication equipment	☐	☐	☐	☐	
(d) Navigation equipment	☐	☐	☐	☐	
(d) & (e) Alternative equipment	☐	☐	☐	☐	
(f) FM immunity of communication and navigation equipment	☐	☐	☐	☐	
(g) Communications to support EDTO operations	☐	☐	☐	☐	
(h) Instrument to support landing in IMC conditions	☐	☐	☐	☐	
1.866 Transponder equipment					
(a) Requirement	☐	☐	☐	☐	
(b) & (c) Pressure altitude equipment resolution	☐	☐	☐	☐	
1.867 Surveillance equipment					
(a) Requirement	☐	☐	☐	☐	
(b) RSP requirements	☐	☐	☐	☐	
1.870 Additional navigation equipment for operations in NAT HLA airspace					
(a) Requirement	☐	☐	☐	☐	
(b) Visibility of navigation equipment	☐	☐	☐	☐	
(c) Unrestricted operation in NAT HLA	☐	☐	☐	☐	



CAR OPS 1 SUBPART L REQUIREMENTS					
Subpart L – Communication, Navigation & Surveillance Equipment ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
(d) Operation in NAT HLA airspace along notified special routes	☐	☐	☐	☐	
1.872 Equipment for operation in defined airspace with Reduced Vertical Separation Minima (RVSM)					
(a) Requirement	☐	☐	☐	☐	
1.873 Electronic navigation data management					
(a) Navigation data base LoA	☐	☐	☐	☐	
(b) Alternative standard of integrity	☐	☐	☐	☐	

CAR OPS 1 SUBPART S REQUIREMENTS					
Subpart S – Security ¹	COMPLIANCE ²				Remarks ³
	TCDS	STC	Other	N/A	
1.1255 Security door					
(a) Lockable cockpit door	☐	☐	☐	☐	
(b) Reinforced > 54 500kg MCTOM	☐	☐	☐	☐	
(c) Reinforced > 45 500kg MCTOM with more than 19 passengers	☐	☐	☐	☐	
(d) Reinforced where more than 60 passengers	☐	☐	☐	☐	
(e) Ability to view the entire door area outside the cockpit door from either pilot's seat	☐	☐	☐	☐	

OPERATOR COMPLIANCE STATEMENT			
I herewith confirm correctness of the compliance statement and the CAR OPS, Subparts K, L and S, and this equipment is reflected in the aircraft MEL. I accept that any false claims identified during their subsequent inspection may result in suspension of the AOC process.			
Date:			
Email: ⁴		Telephone no: ⁴	
Name of Accountable Manager:		Signature of Accountable Manager:	

Guidance Notes for the Completion of this Application

1. All items must be completed.
2. Please select the compliance method by ticking the applicable item (TCDS, STC, Other or N/A).
3. In the remarks column please specify the reference of the document that refers STC number, Service bulletin number, FAA Form 337, or operations manual reference, as applicable [and the number or quantity installed as applicable.]
4. Please provide an email address and contact telephone number in case of queries.