

Section/division FLIGHT OPERATIONS

Form Number: CA 136-01

PART 136 OPERATIONS MANUAL APPROVAL CHECKLIST

OPERATIONS MANUA	L FOR				
Operator					
Class of Licence					
Type of Air Service					
Category of Aircraft					
THE OM IS COMPLIAN	IT	THE OM IS N	ION-CC	OMPLIANT	
APPROVED		NOT APPRO	VED		
This manual has been a	approved/not	approved due to	the non	n-compliance indicated on the attached	
assessment form. Addit	ional informa	tion by the Flight	Inspect	tor.	
REMARKS					
Name					
Date:					

136.04.2	REGULATI	ON	N/A	Satisfact ory	Not Satisfact ory	Note no
1.	STRUCTU	RE OF OPERATIONS MANUAL				
	a.	An operator must ensure that the main structure of the Operations Manual is as follows:				
		i. This Part must comprise all operational policies, instructions and procedures needed for a safe operation and must comply with all relevant regulations. Part 2: Balloon operating matters ii. This Part must comprise all				
		instructions and procedures needed for a safe operation of the balloons. Part 3: Training				
		iii. This Part must comprise all training instructions for personnel required for a safe operation.				
	b.	An operator must ensure that the contents of the operations manual are in accordance with SA-CATS 136.04.2 2 and the manual contains at least the following introductory layout:				
		i. title page ii. table of contents				
		iii. record of amendments page				
2	CONTENT	iv. list of effective pages				
2. 2.1	PART 1: GI	S OF THE OPERATIONS MANUAL				
2.1.		tion and control of the operations manual				
	7101111110110	Introduction				
		A statement that the manual complies with all applicable acts, regulations and associated technical standards				
		the terms and conditions of the applicable operating certificate				
		the authorisations, conditions and limitations of the operations specifications associated with the AOC				
		4. a statement that, where any person is confronted with an operational situation not contemplated by the operations manual, such person will be expected to act in accordance with his or her most conservative discretion.				
		 A statement that the manual contains operational instructions that are to be complied with by the relevant personnel. 				

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		6. a list and brief description of the
		various parts, their contents,
		applicability and use (table of
		contents
		7. explanations and definitions of terms
		and words needed for the use of the
		manual.
	System of	amendment and revision
		who is responsible for the issuance
		and insertion of amendments and
		revisions
		a record of amendments and
		revisions with insertion dates and
		effective dates
		3. a description of the system for the
		annotation of pages and their
		effective dates
		4. a list of effective pages
		5. annotation of changes and temporary
		revisions
		6. a description of the distribution
		system for the manuals, including the
		method for rapid dissemination and
		implementing of amendments and
		revisions
2.1.2	ORGANISA	ATION AND RESPONSIBILITIES
	Organizatio	nal structure
		A description of the organisational structure
		through the use of one or more organograms.
		The organogram(s) must depict the
		relationship between all functional areas
		related to the safety of operations (e.g. flight
		operations, maintenance, training, quality,
		safety and security), including their
		relationship to the chief executive officer. In
		particular, the subordination and reporting
		lines between the various office bearers
	i.	Office Bearers
		The name, functions and responsibilities of
		each office bearer shall be listed.
	ii.	Responsibilities and duties of designated
	11.	personnel
		A description of the specific responsibilities
		and duties delegated by an office bearer to
		certain personnel within a functional area.
	iii.	Authority, duties and responsibilities of the
	III.	· ·
		pilot-in-command (PIC)
		A statement defining the authority, duties and
	·	responsibilities of the PIC
	iv.	Duties and responsibilities of crew members
		other than the PIC
		A statement defining the duties and
		responsibilities of crew members other than
		the PIC.

2.1.3	OPERATION CONTROL AND SUPERVISION					
		on of the system for supervision of the operation by				
	safety of flight operations and the qualifications of personnel are supervised. In particular, the					
	procedures	related to the following items must be described	_			
	i.	licence and qualification validity				
	ii.	competence of operations personnel				
	iii.	control, analysis and storage of records, flight				
		documents, additional information and data				
	System of p	promulgation of additional operational instructions	and inforr	mation	•	
		A description of any system for promulgating				
		information which may be of an operational				
		nature but is supplementary to that in the				
		operations manual. The applicability of this				
		information and the responsibilities for its				
		promulgation must be included				
	Operational					
		A description of the procedures and				
		responsibilities necessary to exercise				
		operational control with respect to flight				
		safety.				
	QUALITY N	MANAGEMENT SYSTEM (TO COMPLETE CA A	AOC-C-004	1)		
		ANAGEMENT SYSTEM (TO COMPLETE CA 14		•,		
2.1.6		composition				
2.110		tion of the method for determining flight crew con	nnositions	taking acco	ount of the	following
	i	the size of the free balloon being used				lonowing
	ii.	the minimum one flight crew member				
	iii.	a second pilot designated by the operator as				
		pilot-under-supervision for the purposes of				
		training or check flight				
	iv.	experience (total flight time and on size				
	IV.	category), recency and qualification of the				
		flight crew member.				
	a. Des	signation of the pilot-in-command				
		The rules applicable to the appointment or				
		designation of the pilot-in-command.				
2.1.7	Qualification	on requirements				
		on of the required licence, rating(s), qualification/o	competenc	y required	to complete	e a
	balloon fligh		T	1	1	I
	a. Flig	ht crew				
	l	Pilot-in-command				
	ii.	Pilot-under-supervision.				
	Training, ch	ecking and supervision personnel	<u> </u>	1	<u> </u>	1
	i.	Flight crew				
	ii.	Ground crew: Safety, communication, ERP				
		training, land owner relations				
2.1.8		v Health Precautions				
	The relevan	nt regulations and guidance to flight crew membe	rs concern	ing health i	including:	ı
	a.	Alcohol and other intoxicating liquor				
	b.	Narcotics and drugs				
	C.	Immunization				
	d.	Sleep and rest				
	e.	Surgical operations				
2.1.9	Flight Time	Limitations				

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		T	1	1	1 1	
	1.	Flight and Duty period limitations and rest				
		requirements: A Description of the fight time				
		and duty period limitation and rest				
		requirements prescribed in the Technical				
	_	Standards as applicable to the operation.				
	2.	Exceedances of flight time and duty period				
		limitation and/or reduction of rest periods:				
		Conditions under which flight time and duty				
		period may be exceed or rest period may be				
		reduced and the procedures used to report				
		these modifications.				
2.1.10		Procedures				
	1.	Flight preparation instructions, as applicable to	the operat	ion:	T 1	
	a.	Interpretation of meteorological information,				
		including explanatory material on the				
		decoding of MET forecasts and MET reports				
		relevant to the area of operations				
	b.	Methods by which the quantities of fuel to be				
		carried are determined and monitored in				
		flight. Such instructions must take				
		account of all circumstances likely to be				
		encountered on the flight, including the failure				
		of one or more of the burners				
	C.	System for maintaining fuel records				
	d.	the general principles of calculating available				
		lift				
	e.	Responsibilities and the use of the operator's				
		flight folio must be described;				
	f.	List of documents, forms and additional				
		information to be carried on board the balloon				
		and the vehicle.				
	2.	Ground handling instructions, as applicable to t	he operation	on:		
	a.	a description of fuelling procedures, including				
		safety precautions during refueling.				
	b.	procedures to ensure that persons, who				
		appear to be intoxicated or who demonstrate				
		by manner or physical indications that they				
		are under the influence of drugs, are refused				
		embarkation.				
	3.	Flight procedures, as applicable to the operatio	n:			
	a.	a description of the policy for ensuring flights				
	a.	are conducted under VFR				
	b.	the area and type of operation being				
	U.	undertaken				
	C.	the phase of the flight				
		circumstances in which a radio listening				
	d.	watch in maintained; when operating in close				
		proximity of controlled airspace				
	e.	instructions on:				
	:	the use of normal checklists and the timing of				
	I.	such use				
	ii.	altimeter setting procedures				
		policy and procedures for inflight		•		
	f.	fuel management				
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		procedures for reporting and avoiding				
		potentially hazardous atmospheric conditions,				
	g.	including e.g., thunderstorms,				
		turbulence, heavy precipitation, mountain				
		waves and significant temperature inversions				
	h.	the contents and timing of appropriate passeng	er briefings	s including:	<u> </u>	
	i.	landing positions				
	ii.	the use of mobile phones				
	iii.	Non-interference with pilot equipment and				
	III.	control lines				
	iv.	no smoking				
	V	stowing of cameras, binoculars, etc., for				
	V.	landing				
	vi.	disembarking procedures				
		lists of the survival and emergency equipment				
		and the procedures to ensure such				
	i.	equipment has been inspected and/or is				
		functioning properly prior to departure.				
2.1.11		Handling of Aviation Accidents and Incident	s		•	
	1.	Procedures for the handling, notifying and repo		ation accid	ents and in	cidents.
		this section must:	3			,
	a.	Definitions of aviation accidents and incidents				
		and the relevant responsibilities of all persons				İ
		involved.				İ
	b.	The description of which operator				
		departments, authorities or other institutions				i
		have to be notified by which means an in				i
		which sequence in case of an aviation				i
		accident.				i
	C.	A description of the requirements to report				
		specific aviation accidents and incidents.				İ
	d.	The forms used for reporting and the				
		procedure for submitting them to the relevant				
		authority must also be included.				
	е.	If the operator develops additional safety				
		related reporting procedures for its own				
		internal use, description of the applicability				
		and related forms to be used.				İ
2.2	PART 2: B	ALLOON OPERATING MATTERS (SIZE RELATED)				
		ount of the differences between sizes under the fo		adings, all	relevant se	ctions
		may be referenced to the balloon flight manual.	J	3 - 7 -		
2.2.1	Limitations					
		on of the certified limitations and the applicable op	erational i	mitations in	cludina	
	a.	certification status				
		flight crew composition; except in training				
	b.	operations				İ
	C.	wind limits				
	d.	performance limitations				
2.2.2	Normal Pro		<u> </u>	<u> </u>		
£.£.£		procedures and duties assigned to the flight crev	v and the a	nnronriato	checklists	and the
		use of the checklists. The following normal procedures				
	_	cessary for operator specific requirements:	duico allu (uulles Illus	t be include	a, wilele
	a.	pre-flight				
	b.	pre-tight pre-takeoff				
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1	1 -	altimates action and abadding				
	C.	altimeter setting and checking take-off				
	е.	flight				
	f.	landing				
2.2.3	g.	post landing.				
2.2.3		emergency and supplementary procedures	ad dution o	opianod to	flight grow	The
		nal, emergency and supplementary procedures a				. The
		onormal and emergency procedures and duties sh	ıaıı, ii appii İ	lcable, be i	Ticiuaea.	
	a. b.	flight crew incapacitation fire drills				
	C.	distress communications and alerting other				
	C.	aircraft to emergencies				
	d.	emergency landing				
	e.	emergency evacuation				
	f.	There is a procedure that includes the above				
	١.	to form part of the passenger briefing				
		procedure, due to the specific operation of a				
		balloon operator; i.e. single pilot operation				
2.2.4	Flight plan					
		structions necessary for pre-flight and in-flight pla	anning, incl	luding facto	ors such as	:
	a.	Weather	, , ,			
	b.	Applicable ERP				
	C.	Predicted flight path				
	d.	Mass and loading calculation				
	e.	Fuel loadings				
	f.	Airspace usage				
	g.	Land owners relations (Take-off and landing)				
2.2.5	Emergenc	y equipment				T
	1.	A list of the survival equipment to be carried				
	1.	on all balloons				
	2.	procedures for checking the serviceability of				
		this equipment prior to take-off				
		Instructions regarding the location,				
	3.	accessibility and use of emergency equipment				
2.2.6	_	and its associated checklist(s)	i	1		1
, , n	Emaraana	v roenoneo procoduroe				
2.2.0	Emergenc	y response procedures				
2.2.0	Emergenc 1.	Instructions for preparation for emergency				
2.2.0		Instructions for preparation for emergency landing and the ERP				
2.2.0	1.	Instructions for preparation for emergency landing and the ERP A description of the duties of the pilot and				
2.2.0		Instructions for preparation for emergency landing and the ERP A description of the duties of the pilot and members of the supporting ground crew for				
2.2.0	1.	Instructions for preparation for emergency landing and the ERP A description of the duties of the pilot and members of the supporting ground crew for the rapid evacuation of a balloon in the event				
2.3	1.	Instructions for preparation for emergency landing and the ERP A description of the duties of the pilot and members of the supporting ground crew for the rapid evacuation of a balloon in the event of an emergency landing				
	1. 2. PART 3: T	Instructions for preparation for emergency landing and the ERP A description of the duties of the pilot and members of the supporting ground crew for the rapid evacuation of a balloon in the event of an emergency landing	t crew men	nbers and	supporting	ground
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b.	to be applied in the event that personnel do not achieve or maintain the required standards		
C.	to ensure that abnormal or emergency situations, requiring the application of part or all of abnormal or emergency procedures, are not simulated during commercial flights		
3.	Description of documentation to be stored and storage periods		