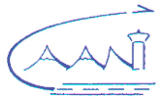


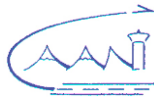
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S/N		Yes	No	N/A	Remark
1.	Ensure that the Balloon has been issued with a Nepalese Type Acceptance Certificate in accordance with NCAR Chapter B.1? (Attach evidence with this checklist).				
2.	Ensure that the Balloon has been Registered in Nepal in accordance with NCAR Chapter B.5? (Attach evidence with this checklist).				
3.	Ensure that the application has been filled by an authorized person as per NCAR Chapter B.2 Para 3.1.				
4.	Ensure that the applicant has made application in Form B.2.1 as contained in Appendix-1 of NCAR Chapter B.2 with following information:				
a.	A statement of Conformity issued by manufacturer which confirms that the product conforms to approved design or an Export Certificate of Airworthiness issued by the previous State of Registry not more than 30 days before the date of export or a confirmation by the previous State of Registry that a Certificate of Airworthiness issued by that State was in force immediately prior to the export. (Attach evidence with this checklist).				
b.	The continuing airworthiness of the Balloon has been continuously managed during the previous 12 months by approved Continuing Airworthiness Management Organization.				
c.	The Balloon has been maintained for the previous 12 months by maintenance organizations approved in accordance with Section A, Subpart F of NCAR Part-M, or NCAR Part- 145, or equivalent.				
d.	The Balloon is suitable for existing operating conditions in Nepal and will receive required continuing airworthiness support from the TC holder and Design Approval Holder				
e.	Satisfactory completion of an airworthiness check flight, if required, in accordance with NCAR Chapter C.8 and submission of the particulars and results of the check flight to CAA Nepal. (Attach report with this checklist).				
f.	Any deficiencies found during document review and Physical Survey of the Balloon and post airworthiness check flight of the Balloon are rectified.				
g.	Satisfactory completion of document review (Attachment-1) and physical survey (Attachment-2) of the Balloon by CAA Nepal.				
h.	The Balloon is equipped with all the applicable operational derived equipment and Instruments, as per requirements laid down in current relevant Flight Operations Requirements.				
i.	The applicants request for the issuance of Mobile Radio Licence, as per Form C.13.1, with a list of radio communication, navigation and radar equipments installed, including make, model and their operating frequencies.				
j.	Is there a certification from the chief of QA that all the documents held to support the continued airworthiness of Balloon and the flight manual are current and up to date and confirmation that the C of A is currently in force with applicable NCAR and that all other requirements of the NCAR applicable to airworthiness of the Balloon are met? (Attach evidence with this checklist).				
k.	Is the Flight Manual of the Balloon accepted by CAA Nepal? (Attach evidence with this checklist).				
l.	Is the Customized maintenance program of the Balloon approved by CAA Nepal? (Attach evidence with this checklist).				
m.	If the Balloon is first of its type in Nepal, has the State of Design or State of manufacturer been informed about such Balloon in Nepal & Mandatory Continuing Airworthiness Information? (Attach evidence with this checklist).				



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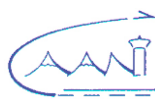
n.	Copy of a voucher against payment of the appropriate fee prescribed by Civil Aviation Regulations and its amendments. (Attach evidence with this checklist).				
o.	Information required by M.A.904 as relevant to new or used Balloon are furnished				
p.	documented recommendation for the issuance of an Airworthiness Review Certificate, having conducted satisfactorily an airworthiness review of the Balloon in accordance with NCAR M.A.710				
q.	Ensure all the requirements laid down in NCAR Chapter B.2 are met.				
Signed					
Name					
Place & Date					



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Attachment-1

DOCUMENT REVIEW REPORT	
ORGANISATION NAME	NCAR Part-M APPROVAL REFERENCE
1. NCAR M.A.710	
1.1 Flight Manual/Pilots Handbook Issue and Revision (attach evidence with this checklist).	
Is this the correct document for the current Balloon configuration?	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.2 Maintenance Programme Approval Reference (attach evidence with this checklist).	
Are all scheduled maintenance required by the referenced programme has been carried out?	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.3 All known defects have been corrected or deferred in accordance with an approved procedure:	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.4 All applicable Airworthiness Directives have been incorporated (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
Quote documents assessed:	
a) Balloon State of Design ADs (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
b) Equipment State of Design Ads (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.5 Confirm all modifications and repairs have been approved in accordance with NCAR (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.6 All installed life limited components have been recorded and have not exceeded their approved service life (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.7 All maintenance accomplished within this C of A renewal period has been released to service iaw NCAR M.A.801	YES <input type="checkbox"/> NO <input type="checkbox"/> Initial Inspection <input type="checkbox"/>
1.8 All applicable Service Bulletin have been incorporated (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.9 The Mass and Balance Statement is correct for the current Balloon configuration (attach evidence with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
Provide reference/issue/date of statement	
Date Balloon was weighed	
1.10 The Balloon, in its current configuration, complies with the TAC issued by CAA Nepal	YES <input type="checkbox"/> NO <input type="checkbox"/>
Reference/revision/date of latest approved TAC data sheet (attach evidence with this checklist).	
1.11 Ensure Balloon Continuing Airworthiness Record System are updated as per M.A.305	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.12 Ensure that the Maintenance Data are updated. (Attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
1.13 Balloon Documents Reviewed	
a) Registration (attach evidence with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>
b) Certificate of Airworthiness (attach list with this checklist).	YES <input type="checkbox"/> NO <input type="checkbox"/>



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Attachment-2

1. ENVELOPE		
System/ component /area	Task & Inspection detail	SAT/UNSAT
Identification (type/ serial number/ Identification plate; Registration Mark)	Check for presence.	
Crown ring and line	In place; not corroded; crown line undamaged and has appropriate length.	
Vertical/ horizontal load tapes	Check joints with the crown ring, top of the envelope and wires. All load tapes undamaged along their entire length. Inspect base horizontal tape and edge of the envelope top. Inspect joint between base horizontal load tape and vertical load tapes. Check for fraying, stitching integrity, attachment to panels.	
Envelope Fabric	Inspect the envelope fabric panels (including parachute and rotation vents if fitted) for damage, porosity overheating or weakness. Unrepaired damage is within tolerance given by the manufacturer. If substantial fabric porosity is suspected, then a flight test should be performed, but only after a grab test has demonstrated that the balloon is safe to fly. Perform grab test in accordance with manufacturer's instructions.	
Flying Cables	Inspect for damage (particularly heat damage). Kevlar cable – yellow core is not visible	
Karabiners	Inspect for damage. Karabiner lock is working properly.	
Melting link and Tempilabel	Check maximum temperature indication (flag/'tell-tale').	
Control system lines	Inspect for damage wear, security of knots. Check proper length. Check lines attachments for damage, wear, security.	
Control lines and their attachments	Inspect for damage, wear, security of knots. Check proper length of the lines.	
Envelope pulleys	Inspect for damage, wear, free running, contamination, security of attachment.	
Fabric Condition	Tears, Pinholes, burns, discoloration or patches. Note: Pay attention around throat and crown area.	
Temperature sensor	Proper mounting and wiring	
Top Vent (Parachute Valve)	Lines condition, proper routing and canopy attachment Note: operate release cord to test smoothness.	



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2. BURNER		
System/ component /area	Task & Inspection detail	SAT/UNSAT
Identification (type/serial number)	Check for presence and verify type/serial number installed.	
Burner Frame	Inspect welds for cracking.	
	Inspect tubes for distortion/deformation/cuts/gouges.	
	Inspect frame for security of fasteners (heat shields, flexi-corners).	
	Inspect frame lugs for wear, cracking.	
	Inspect general condition (alignment, cleanliness, corrosion, secure mounting, heat shields).	
Gimballing	Check stiffness, security of fitting manifolds.	
Leak check	Perform leak check of the burner.	
Hoses	Inspect all hoses for wear, damage, leak and life time limitation, no chafing. Inspect condition and correct function of the fuel.	
Pressure Gauges	Check Pressure Gauge reads zero when no pressure applied, lens present .	
Pilot Valves / flame	Check Shut off, free movement, Correct Function, lubricate if necessary, flame stability.	
Whisper Valves / flame	Check Shut off, free movement, Correct Function, lubricate if necessary .	
Main Valves / flame	Check Shut off, free movement, Correct Function, lubricate if necessary .	
Coils	Check for damage, distortion, security of fasteners. Inspect welds for cracking. Check Security of Jets, Tighten or Replace as necessary.	
Fuel	Check Correct Type, check dates (if applicable).	
Ignition system	Spark intensity and reliability.	
3. BASKET		
System/ component /area	Task & Inspection detail	SAT/UNSAT
Identification (type/serial number)	Check for presence.	



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Structure and Weave	Wicker/basket integrity, no broken elements	
Basket body	Check the general condition of the basket body. Inspect weave for damage, cracks / holes. No sharp objects inside the basket.	
Basket wires	Inspect for damage, check eye rings.	
Karabiners	Inspect for damage. Karabiner lock is working properly.	
Basket floor and skid plates	Inspect for damage, cracks, firmness, not rotted.	
Runners	Inspect for damage.	
Rawhide	Inspect for damage, wear and attachments to the floor.	
Rope handles	Inspect for damage, security of attachment, not frayed.	
Cylinder straps/ mounts	Inspect for damage, deterioration, proper secure straps or frames.	
Padded basket edge trim	Inspect for damage and wear.	
Burner rods	Inspect for damage, wear and cracking.	
Padded burner rod covers	Inspect for damage and wear.	
Basket equipment	Check presence and functionality.	
Pilot restraint	Inspect for security and condition.	
Fire extinguisher	Check expiration date and protection cover.	
First-aid kit	Check for completeness, serviceable and within expiration date.	
Attachment Points	Cable anchors, carabiners, shackles- corrosion or distortion. Verify safety pin use.	
4. FUEL TANK		
System/ component /area	Task & Inspection detail	SAT/UNSAT
Identification (type/serial number)	Check for presence.	
Cylinder	Check periodic inspections (hydrostatic test) for each cylinder is valid (date) (e.g. 10 years' inspection).	
Cylinder body	Inspect for damage, corrosion.	
Liquid Valve	Inspect for damage, corrosion, correct operation.	
	Inspect O-ring seals, Lubricate/replace as required.	
Fixed Liquid Level Gauge	Inspect for damage, corrosion, correct operation.	



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Contents Gauge	Inspect for damage, corrosion, freedom of movement.	
Vapor Valve	Inspect for damage, corrosion, correct operation (including regulator).	
	Inspect Quick Release Coupling for correct operation, sealing.	
Padded cover	Inspect for damage.	
Pressure relief valve	Does not indicate over pressuring	
Assembly	Inspect, leak-test all pressure holding joints using leak detector.	
	Functional Test	
5. ADDITIONAL EQUIPMENT (if installed)		
System/ component /area	Task & Inspection detail	SAT/UNSAT
Instruments	Functional check	
Quick release	Functional check and inspect the condition of the latch, bridle and ropes for wear and deterioration. Check that the karabiners are undamaged and operate correctly.	
Communication/ navigation equipment (radio)	Perform operational check.	
Transponder	Perform operational check.	
FINDINGS:		
Signature:	Date:	Place: