

Service Letter



1. General

(a) No.:	SL 8
(b) Revision / Date	Rev A 12-09-2019
(c) Title:	Pre and After Flight Checklist for Turkish Public Transport Operators
(d) Description:	This Service Letter supports the issue of a pre and after flight checklist for use by Turkish Public Transport Operators
(e) Applicability:	EASA.BA.013, EASA.BA.021, EASA.BA.109, EASA.BA.120, EASA.BA.501, EASA.BA.502, EASA.BA.503, EASA.BA.504, EASA.BA.505, EASA.BA.506
(f) Effectivity:	All Cameron envelopes (includes Sky, Lindstrand Hot Air Balloons, Thunder and Colt) using Cameron Balloons Flight Manual issue 10 latest amendment

Note: Applicability= All types and variants to which the advice can be applied.
Effectivity= Actual CN or group of CN's to which the advice applies.

2. Accomplishment Instructions

Pre and after flight checklist CBL/TN/BEB/3178 latest issue must be completed before and after each flight.

3. Materials.

Cameron Hot-Air Balloon pre and after flight checklist CBL/TN/BEB/3178 latest issue

4. Other Publications Affected None

5. Remarks None.

Compiled by: 	Notes:
Date: 12-09-2019	Name: B.E. Bower

6. Design Organisation Approval

Approval Statement

I hereby confirm that these instructions are in compliance with all the applicable airworthiness requirements. The technical content of this document is approved under the authority of DOA nr EASA.21J.140

Signed, for and on behalf of Cameron Balloons Ltd.

Head of Design



Date: 12-09-2019	Name: D.C. Boxall
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PRE / AFTER FLIGHT CHECKLIST

Pre flight hour / min
After flight hour / min

Balloon Registration
Balloon Type & Serial Number
Cylinder Type
Serial Numbers
Balloon Empty Weight

Max. take off mass (MTOM)
Max. landing mass (MLM)
Reduced MTOM

Date:

↓ PRE CHECK

AFTER CHECK ↓

ENVELOPE

- | | | |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <input type="checkbox"/> General condition | : Damage within Limitations | <input type="checkbox"/> |
| <input type="checkbox"/> Temperature Flag | : Visible | <input type="checkbox"/> |
| <input type="checkbox"/> Deflation system | : Visual check, test operation, operating lines attached (refer 4.4.1.1 to 4.4.1.3 of the Cameron Flight Manual issue 10) | <input type="checkbox"/> |
| <input type="checkbox"/> Load tapes | : Free of damage without sign of undue strain | <input type="checkbox"/> |
| <input type="checkbox"/> Flying cables | : Correctly connected | <input type="checkbox"/> |
| <input type="checkbox"/> Karabiners | : Screw gates closed and karabiners loaded lengthwise | <input type="checkbox"/> |
| <input type="checkbox"/> Scoop, Crown lines(s) | : Attached | <input type="checkbox"/> |

BURNER

- | | | |
|----------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| <input type="checkbox"/> Pilot lights | : Burning satisfactorily, normal appearance and sound. | <input type="checkbox"/> |
| <input type="checkbox"/> Test | : Test all systems. Check all valves for leaks (including crossflow valves where fitted). | <input type="checkbox"/> |

BASKET

- | | | |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <input type="checkbox"/> Baskets | : Solid floor baskets must have no damage to the rawhide wire protectors sufficient to expose the suspension wires. Check also for wire damage where the wires are visible between the protectors and the skirts. | <input type="checkbox"/> |
| <input type="checkbox"/> Rigging | : Basket and envelope cables correctly attached and checked for damage. Karabiner screw gates closed. Control lines attached. | <input type="checkbox"/> |
| <input type="checkbox"/> Launch Restraint | : Connected to fixed point. Check for damage. | <input type="checkbox"/> |

CYLINDERS

- | | | |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <input type="checkbox"/> Fuel | : Cylinders securely strapped in the appropriate positions. Contents checked. Hose connections tight. All valves shut. | <input type="checkbox"/> |
| <input type="checkbox"/> Fuel pressure | : Within limitations | <input type="checkbox"/> |
| <input type="checkbox"/> Additional Cylinders | : All fuel cylinders should be connected and tested, to ensure adequate fuel pressure and uncontaminated fuel delivery. | <input type="checkbox"/> |

EQUIPMENT

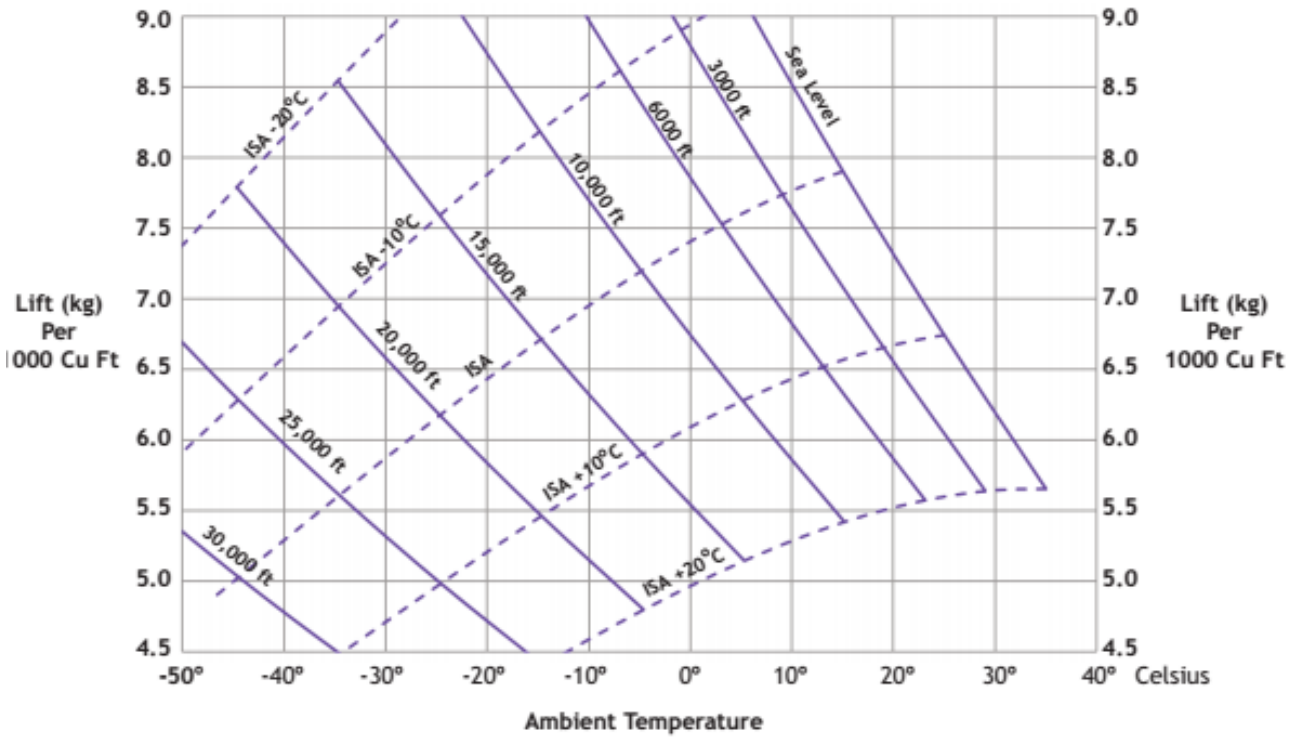
- | | | |
|----------------------------------------------------------------|---------------------------------------------------------------------|--------------------------|
| <input type="checkbox"/> Instruments | : Switched on, set | <input type="checkbox"/> |
| <input type="checkbox"/> Fire Extinguisher | : Present, maintained in accordance with manufacturers instructions | <input type="checkbox"/> |
| <input type="checkbox"/> Alternative source of ignition | : Present, tested. | <input type="checkbox"/> |
| <input type="checkbox"/> Pilot restraint | : Belt Worn and strap connected | <input type="checkbox"/> |

For permitted loading see section 5 of the Cameron Flight Manual issue 10

Pilot signed

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LOADING CHART
Altitude in feet



Ortam sıcaklık değeri: _____ °C

Balloon Size	Volume (cu.ft)	Lift (kg) Per 1000 cu.ft											
		4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0		
25	25000	113	125	138	150	163	175	188	200	213	225	234	243
26	26000	117	130	143	156	169	182	195	208	221	234	243	252
31	31450	142	157	173	189	204	220	236	252	267	283	298	315
35	35000	158	175	193	210	228	246	263	280	298	315	331	348
42	42000	189	210	231	252	273	294	315	336	357	378	399	420
50	50000	225	250	275	300	325	350	375	400	425	450	475	500
56	56000	252	280	308	336	364	392	420	448	476	504	532	560
60	60000	270	300	330	360	390	420	450	480	510	540	570	600
65	65000	293	325	358	390	423	455	488	520	553	585	618	651
69	69000	311	345	380	414	449	483	518	552	587	621	655	689
70	70000	315	350	385	420	455	490	525	560	595	630	665	700
77	77500	349	388	426	465	504	543	581	620	659	698	737	776
80	80000	360	400	440	480	520	560	600	640	680	720	760	800
84	84000	378	420	462	504	546	588	630	672	714	756	798	840
90	90000	405	450	495	540	585	630	675	720	765	810	855	900
100	100000	450	500	550	600	650	700	750	800	850	900	950	1000
105	105000	473	525	578	630	683	735	788	840	893	945	998	1050
120	120000	540	600	660	720	780	840	900	960	1020	1080	1140	1200
133	133000	599	665	732	798	865	931	998	1064	1131	1197	1264	1330
140	140000	630	700	770	840	910	980	1050	1120	1190	1260	1330	1400
145	145000	653	725	798	870	943	1015	1088	1160	1233	1305	1378	1450
150	150000	675	750	825	900	975	1050	1125	1200	1275	1350	1425	1500
160	160000	720	800	880	960	1040	1120	1200	1280	1360	1440	1520	1600
180	180000	810	900	990	1080	1170	1260	1350	1440	1530	1620	1710	1800
200	200000	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
210	210000	945	1050	1155	1260	1365	1470	1575	1680	1785	1890	1995	2100
225	225000	1013	1125	1238	1350	1463	1575	1688	1800	1913	2025	2138	2250
240	240000	1080	1200	1320	1440	1560	1680	1800	1920	2040	2160	2280	2400
250	250000	1125	1250	1375	1500	1625	1750	1875	2000	2125	2250	2375	2500
260	260000	1170	1300	1430	1560	1690	1820	1950	2080	2210	2340	2470	2600
275	275000	1238	1375	1513	1650	1788	1925	2063	2200	2338	2475	2613	2750
300	300000	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000
315	315000	1418	1575	1733	1890	2048	2205	2363	2520	2678	2835	2993	3150
340	340000	1530	1700	1870	2040	2210	2380	2550	2720	2890	3060	3230	3400
340+HL	340000	1530	1700	1870	2040	2210	2380	2550	2720	2890	3060	3230	3400
350	350000	1575	1750	1925	2100	2275	2450	2625	2800	2975	3150	3325	3500
375	375000	1688	1875	2063	2250	2438	2625	2813	3000	3188	3375	3563	3750
400	400000	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000
415	415000	1868	2075	2283	2490	2698	2905	3113	3320	3528	3735	3943	4150
425+LW	425000	1913	2125	2338	2550	2763	2975	3188	3400	3613	3825	4038	4250
450+LW	450000	2025	2250	2475	2700	2925	3150	3375	3600	3825	4050	4275	4500
450	450000	2025	2250	2475	2700	2925	3150	3375	3600	3825	4050	4275	4500
500+LW	500000	2250	2500	2750	3000	3250	3500	3750	4000	4240	4480	4720	4960
530+LW	530000	2385	2650	2915	3180	3445	3710	3975	4240	4500	4760	5020	5280
530	530000	2385	2650	2915	3180	3445	3710	3975	4240	4500	4760	5020	5280
600	600000	2700	3000	3300	3600	3900	4200	4500	4800	5089	5378	5667	5956
750	750000	3375	3750	4125	4500	4875	5250	5625	6000	6375	6750	7125	7500