



HOT AIR BALLOON FLIGHT MANUAL

ISSUE 1.10

Date: 21 February 2007



Embodiment Instructions

Remove and replace existing pages numbered iii (a) and v. Insert new page 1.2.1a after 1.2.1.

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Sky Balloons

Record of Amendments (cont)

No.	Date	Affected Pages	Approval
8	8/98	iii(a) added, v,vi,ix,1.2.1, 1.2.5(c), 1.2.6(c),1.3.2(b) added	UK.CAA 09/11/1998
9	6/99	Header, all pages +iii(a), iv, v, vi, ix,1.2.1, 1.2.5c, 1.2.6c, 1.3.2b, 1.1.2, 2.6.1	UK.CAA 15/09/1999
10	2/07	iii(a), v, 1.2.1a (additional)	<p>Revision nr Issue 1.10 to AFM Ref Sky FM Issue 1.9 is Approved under the authority of DOA nr EASA.21J.140</p> <p> B.E.BOWER 21/02/07</p> 

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Checklist of Pages

Page	Issue	Page	Issue	Page	Issue
i	1.9	2.1.1	1.9	A1.1	1.9
ii *	1.9	2.1.2	1.9	A1.2	1.9
iii	1.9	2.1.3	1.9	A1.3	1.9
iiia	1.10	2.1.4	1.9	A1.4	1.9
iv	1.9	2.2.1	1.9	A1.5	1.9
v	1.10	2.2.2	1.9	A2.1	1.9
vi	1.9	2.3.1	1.9		
vii	1.9	2.4.1	1.9		
viii	1.9	2.4.2	1.9		
ix	1.9	2.4.3	1.9		
1.1.1	1.9	2.4.4	1.9		
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1.1.3	1.9	2.5.1	1.9		
1.2.1	1.9	2.5.2	1.9		
1.2.1a	1.10	2.5.3	1.9		
1.2.2	1.9	2.6.1	1.9		
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1.2.4	1.9	2.6.3	1.9		
1.2.5a,b	1.9	3.1.1	1.9		
1.2.5c	1.9	3.2.1	1.9		
1.2.6a,b	1.9	3.2.2	1.9		
1.2.6c	1.9	3.3.1	1.9		
1.2.7	1.9 *~	3.3.2	1.9		
1.2.8	1.9	3.3.3	1.9		
1.3.1	1.9	3.3.4	1.9		
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1.3.2a	1.9	3.4.2	1.9		
1.3.2b	1.9				
1.3.3	1.9				

Pages indicated * shall be completed by Sky Balloons before this manual is issued.
Pages indicated ~ may also require weight data to be added by the owner operator.

Sky Balloons

1.2.1.1 Maximum all up Weights - MauW (Reduced)

If it is desired, for operational or insurance reasons, to alter the MauW of the balloon, either the Standard or Reduced MauW, appropriate to the balloon model, may be selected. These permitted MauW values are shown in the table below. The MauW in use must be entered as a handwritten amendment (dated and signed) on page ii of this manual, in the balloon log book and used for loading calculations.

Balloon Type	Volume	Maximum all up Weight (Reduced)	Maximum all up Weight (Reduced)
	cu.ft	Kg	Lbs
24 gore	56,000	499	1100
24 gore	65,000	499	1100
16 gore	70,000	499	1100
24 gore	77,000	499	1100
16 gore	80,000	499	1100
24 gore	90,000	499	1100
24 gore	105,000	999	2203
24 gore	120,000	999	2203
24 gore	140,000	999	2203
24 gore	160,000	999	2203
24 gore	180,000	999	2203
24 gore	300,000	2699	5951
24 gore	317,000	2699	5951
28 gore	400,000	2699	5951
28 gore	500,000	2699	5951