

Flight Manual Supplement

for BB balloons registered in Canada

This supplement is approved by the Transport Canada Civil Aviation.
Date of approval: 16 September 2020

**This balloon is to be operated in compliance with information and limitations contained herein.
The Flight Manual has to be placed in the basket during flight.**

0.1 Record of Revisions

Any revision of the present Supplement, must be recorded in the following table. The new or amended text in the revised page will be indicated by a black vertical line in the outer margin, and the Revision No. and the date will be shown on the bottom of the page.

All changes to this Flight Manual Supplement which were made before the date of the issue stated on the title page have been incorporated into this Manual.

Revision Number	Affected Section	Affected Pages	Date of Issue	Approval	Date of Approval

0.2 List of Effective Pages

Section	Page	Date of Issue
0	CAN-2	16 September 2020
	CAN-3	16 September 2020
1	CAN-5	16 September 2020
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SECTION 1 - GENERAL

1.1 Introduction

This Supplement to the Flight Manual provides information and limitations applicable for BB balloons registered in Canada. The arrangement and numbering of sections in this Supplement is the same as in the Flight Manual. If any section is influenced, only the different or additional information is stated in this Supplement, all other remain without any change. Always ensure that you follow the current approved revision of the Flight Manual.

1.2 Applicability

This Manual applies to BALÓNY KUBÍČEK spol. s.r.o. balloons of BB type that have been approved by the Transport Canada Civil Aviation (TCCA). All TCCA approved equipment models are listed in Section 2 of this Supplement. All other models are not covered by the approval and may not be used under the Canadian registration.

SECTION 2 - OPERATIONAL LIMITATIONS

2.11 Fitment Interchangeability

Approved Combinations of BB Envelopes and Baskets - only TCCA approved equipment included:

Envelope model	Basket model																	
	K7	K10S	K10	K11, K12, K12A	K13, K13S	K14, K15, K16, K17, K18 K19, K19L, K22	K23	K25P, K28, K28H, K30PP	K32T, K32Y	K32TT	K40T, K40Y, K40TTA, K50, K50TTA	K50TT	K50TT8, K55X, K55TTA, K58HH	K60, K60X	K65TTA	K70, K70TTA	K80	K85, K90, K100, K110
BB9, BB9E																		
BB12, BB12E																		
BB16, BB16E																		
BB17XR																		
BB17GP																		
BB18E																		
BB20, BB20ED, BB20E, BB20GP																		
BB20XR																		
BB22, BB22D, B22ED, BB22E, BB22N, BB22Z BB22XR																		
BB26, BB26D, BB26ED, BB26E, BB26N, BB26Z BB26XR																		

Envelope model	Basket model																	
	K7	K10S	K10	K11,K12,K12A	K13, K13S	K14,K15,K16,K17,K18 K19,K19L,K22	K23	K25P, K28, K28H, K30PP	K32T, K32Y	K32TT	K40T,K40Y, K40TTA, K50,K50TTA	K50TT	K50TT8, K55X, K55TTA, K58HH	K60, K60X	K65TTA	K70, K70TTA	K80	K85, K90, K100, K110
BB30D, BB30ED, BB30E, BB30N, BB30Z, BB30XR																		
BB34D, BB34ED, BB34E, BB34Z																		
BB37D, BB37N, BB37Z								RV	RV									
BB40D, BB40Z								RV	RV									
BB42D, BB42Z								RV	RV									
BB45D, BB45N, BB45Z								RV	RV	RV	RV	RV	RV					
BB51D, BB51Z								RV	RV	RV	RV	RV	RV					
BB60D, BB60N, BB60Z								RV	RV	RV	RV	RV	RV	RV	RV	RV		
BB64Z									RV	RV	RV	RV	RV	RV	RV	RV		
BB70D, BB70Z									RV	RV	RV	RV	RV	RV	RV	RV	RV	
BB78Z										RV	RV	RV	RV	RV	RV	RV	RV	
BB85D, BB85Z										RV	RV	RV	RV	RV	RV	RV	RV	
BB92Z											RV		RV	RV	RV	RV	RV	
BB100D, BB100Z													RV	RV	RV	RV	RV	RV
BB105P														RV	RV	RV	RV	RV
BB106P														RV	RV	RV	RV	RV
BB113P														RV	RV	RV	RV	RV
BB120P														RV	RV	RV	RV	RV
BB130P														RV	RV	RV	RV	RV
BB142P														RV	RV	RV	RV	RV
BB150P																RV ⁴⁰	RV ⁴⁰	RV ⁴⁰
BB184P																RV ⁴⁰	RV ⁴⁰	RV ⁴⁰

Explanation:

 = approved combination

 = rotation vent must be fitted

 = only the 40 kN carabiners may be used for connecting the envelope flying wires and the basket flying wires to the burner frame

WARNING

Ensure a correct burner frame is used for selected approved combination! Limitations for burner frames are listed in a table below (Approved Combinations of Burner Frames and BB Envelopes).

Approved Combinations of Burner Frames and BB Envelopes:

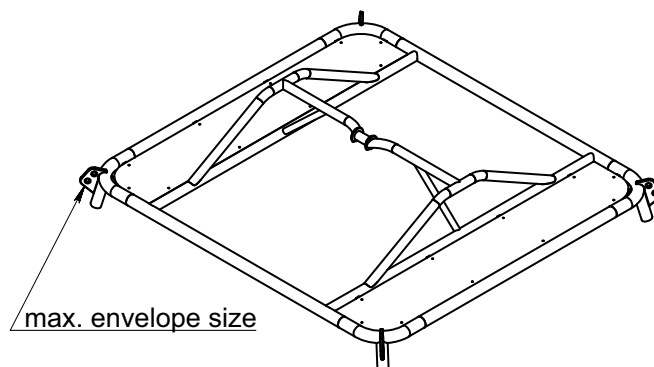
Burner frame model	Maximum allowed envelope volume	
	max. wind speed 7.5 m/s	max. wind speed 5.5 m/s
Basic / Vario	4500 m ³	N/A
K23	7000 m ³	N/A
K25P	7000 m ³	N/A
K30P	7000 m ³	N/A
K32T	6000 m ³	7000 m ³
K532TT	7000 m ³	N/A
K50*	8500 m ³	9200 m ³
K50TT	8500 m ³	N/A
K60	12000 m ³	N/A
K60 STRONG	14200 m ³	N/A
K60X	14200 m ³	N/A
K100	14200 m ³	N/A
K100 STRONG	14200 m ³	18400 m ³

Explanation:

* = Only the burner frame with the symbol S/N before the serial number may be used with envelopes of volume from 7800 to 9200 m³.

NOTE The maximum approved combination of envelope-basket and maximum allowed envelope size for the corresponding burner frame may differ. That is because each burner frame may be used with different baskets. Always check the envelope-basket combinations table!

NOTE Some burner frame types might get mistaken for another type due to their same dimensions (e.g. K32TT and K50TT). To differentiate them, these models are marked with the maximum acceptable envelope volume (see the picture below). Make sure the correct burner frame is used.



Approved Combinations of BB Envelopes and Burners - only TCCA approved equipment included:

Envelope model							
	KOMET DUO up to 104	KOMET DUO 105+	KOMET TRIO	SIRIUS	IGNIS 2 units	IGNIS 3 units	IGNIS 4 units
BB9, BB9E							
BB12, BB12E							
BB16, BB16E							
BB17XR							
BB18E							
BB17GP							
BB20, BB20ED, BB20E, BB20GP							
BB20XR							
BB22, BB22D, BB22ED, BB22E, BB22N, BB22Z							
BB22XR							
BB26, BB26D, BB26ED, BB26E, BB26N, BB26Z, BB26XR							
BB30D, BB30ED, BB30E, BB30N, BB30Z, BB30XR							
BB34D, BB34ED, BB34E, BB34Z							
BB37D, BB37N, BB37Z							
BB40D, BB40Z							
BB42D, BB42Z							
BB45D, BB45N, BB45Z							
BB51D, BB51Z							
BB60D, BB60N, BB60Z							
BB64Z							
BB70D, BB70Z							
BB78Z							
BB85D, BB85Z							
BB92Z							
BB100D, BB100Z							
BB105P							
BB106P							
BB113P							
BB120P							
BB130P							
BB142P							
BB150P							
BB184P							

Explanation:
 = approved combination

CAUTION	<i>The equipment models other than included in the three above tables are not approved by TCCA.</i>
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SECTION 3 - EMERGENCY PROCEDURES

No change

SECTION 4 - NORMAL PROCEDURES

No change

SECTION 5 - WEIGHT

No change

SECTION 6 - BALLOON AND SYSTEMS DESCRIPTION

No change

SECTION 7 - BALLOON HANDLING, CARE AND MAINTENANCE

No change

SECTION 8 - EQUIPMENT LIST

No change

SECTION 9 - APPENDICES

No change

LET US HELP YOU!

In case that you have any suggestion, difficulty, problem or comment, please contact our technical department at:

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