

Flight Manual Supplement

for BB balloon registered in Ukraine

(Applicable for balloons of serial number 640 and higher.)

Міністерство транспорту та зв'язку України	Ministry of Transport and Communication of Ukraine
Державна авіаційна адміністрація (Державна авіаційна адміністрація)	State Aviation Administration
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This supplement is approved by the State Aviation Administration of the Ministry of Transport and Communications of Ukraine

This balloon is to be operated in compliance with information and limitations contained in this supplement and the Flight Manual. Both documents have 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 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

0.3 LIST OF EFFECTIVE PAGES

Section	Page	Date of Issue
0	UA-2	15 Mar 2009
1	UA-4	15 Mar 2009
2	UA-5	15 Mar 2009
	UA-5	15 Mar 2009
3	UA-5	15 Mar 2009
4	UA-5	15 Mar 2009
5	UA-6	15 Mar 2009
6	UA-5	15 Mar 2009
7	UA-6	15 Mar 2009
8	UA-6	15 Mar 2009



CONTENTS

SECTION 1 - GENERAL UA-4
1.1 Introduction UA-4

SECTION 2 - OPERATIONAL LIMITATIONS UA-4
2.10 Baskets UA-4
2.19 Other Limitations UA-5

SECTION 3 - EMERGENCY PROCEDURES UA-5

SECTION 4 - NORMAL PROCEDURES UA-5

SECTION 5 - WEIGHT UA-6
5.2.1 Instructions for Using the Loading Graph and Table UA-6

SECTION 6 - BALLOON AND SYSTEM DESCRIPTION UA-6

SECTION 7 - BALLOON HANDLING, CARE AND MAINTENANCE UA-6

SECTION 8 - EQUIPMENT LIST AND APPENDICES UA-6



SECTION 1 - GENERAL

1.1 INTRODUCTION

This Supplement to the Flight Manual provides information and limitations applicable for BB balloons registered in Ukraine. 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.

SECTION 2 - OPERATIONAL LIMITATIONS

2.10 BASKETS

Baskets Limitations:

Basket	Floor area	Load capacity	Max. Number of Occupants
	[m ²]	[kg]	
K7	0.72	450	2
K10	0.89	600	4
K11	1.16	650	4
K12, K12A	1.35	700	5
K13	1.23	700	4
K15	1.45	800	5
K16	1.62	900	6
K17	1.68	900	6
K18	1.80	950	7
K22	2.24	980	7
K25P	2.60	1000	9
K32T	3.01	1100	10
K40Y	4.08	1200	12
K50	4.80	1400	13*
K60	5.95	1800	18**

* Occupancy of K50 basket: Pilot may place one person into the middle compartment if there is no more than four fuel cylinders. Other compartments may contain no more than six persons.

**Occupancy of K60 basket: Pilot may place one person into the pilot compartment if there is no more than five fuel cylinders. Other compartments may contain no more than four persons.

CAUTION:

Maximum occupancy for open baskets is 1 pilot + 6 passengers.



NOTE:

The actual weight is indicated by index plate on each basket. The actual weight indicates the total weight including minimum equipment and burner rods.

The basket equipment included in the empty weight indicated on the plate is:

- fire extinguisher, fire resistant cloth (in the bag attached to the basket wall)
- drop line

Maximum load:

The total sum of minimum equipment according to para 2.5, weights of all items and people in the basket, including full weights of cylinders, must not exceed the load capacity of the basket.

2.19 OTHER LIMITATIONS**Operational Categories**

Day flights under Visual Flight Rules (VFR) are permitted only.

Pilot restraint harness

In partitioned baskets using of the pilot restraint harness is mandatory.

Additional Limitations for Older Burner Frames

Additional limitation apply for **K32T or K40Y** is fitted with a burner frame **without the symbol "S/N"** before its serial number

The maximum wind speed for BB60 and BB60Z balloons take-off using the Y-type quick release: **6.0 m/s (11.7 kts)**

The maximum wind speed for BB70Z balloons take-off using the Y-type quick release: **5.5 m/s (10.7 kts)**

SECTION 3 - EMERGENCY PROCEDURES

No change

SECTION 4 - NORMAL PROCEDURES

No change



SECTION 5 - WEIGHT

5.2.1 Instructions for Using the Loading Graph and Table

NOTE:

The balloon actual empty weight is a sum of weight of the envelope, basket, poles and covers, burner, fuel cylinders, bag and all essential equipment. The actual weight is to be read from plates or determined by weighing.

SECTION 6 - BALLOON AND SYSTEM DESCRIPTION

No change

SECTION 7 - BALLOON HANDLING, CARE AND MAINTENANCE

No change

SECTION 8 - EQUIPMENT LIST AND APPENDICES

No change



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