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# Flight Manual Supplement

# Baskets with Tethering Lugs

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

Type:	<b>BB</b> (Type Certificate No. B04CE)		
Basket Model:			
Basket Serial No.:			

This manual supplement [also] constitutes the FAA approved Balloon Flight Manual for U.S. operations in accordance with FAR 21.29

Initial date of approval: March 17, 2011

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 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	BTL-2	17 Mar 2011	
1	BTL-3	17 Mar 2011	
2 (Appr.)	BTL-3	17 Mar 2011	
3 (Appr.)	BTL-3	17 Mar 2011	
4 (Appr.)	BTL-3	17 Mar 2011	
5	BTL-4	17 Mar 2011	
6	BTL-4	17 Mar 2011	
7	BTL-4	17 Mar 2011	
8	BTL-4	17 Mar 2011	

#### **NOTE:**

The sections or specific pages identified with "Appr." have been approved by FAA.

#### **SECTION 1 - GENERAL**

#### 1.1 INTRODUCTION

This Supplement introduces information, limitations and procedures applicable when baskets with tethereing lugs are used. All limitations stated in the Flight Manual remain effective. If any chapter is influenced by this Supplement, only the respective additional information is stated in this Supplement, all other are without any change.

#### 1.2 APPLICABILITY

This Supplement is applicable for balloons flown with basket equiped with tethering lugs on the upper rim.

#### **SECTION 2 - OPERATIONAL LIMITATIONS**

#### 2.2 WEATHER LIMITATIONS

The maximum wind speed for takeoff using the quick release attached to the basket lugs: 4.0 m/s (7.8 kts)

#### **SECTION 3 - EMERGENCY PROCERURES**

No change

#### **SECTION 4 - NORMAL PROCERURES**

#### 4.5.1 Quick release

#### **Basket tethering lugs**

For takeoff the quick release can be attached to the basket lugs instead of envelope carabiner or burner frame lugs. The quick release type remains the same as it would be without basket lugs; according the the burner frame.

#### **4.12 TETHERED OPERATIONS**

#### **WARNING:**

The basket lugs are to be used for quick release attachment during takeoff and must not be used for continuous tethering!



#### **SECTION 5 - WEIGHT**

No change

# **SECTION 6 - BALLOON AND SYSTEMS DESCRIPTION**

#### 6.7. BASKETS

If required some baskets can be fitted with tethering lugs located on the steel upper frame. These lugs provide alternative attachment point for a quick release.

# **SECTION 7 - BALLOON HANDLING, CARE AND MAINTENANCE**

No change

# **SECTION 8 - EQUIPMENT LIST AND APPENDICES**

No change

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