

issues

OPTIONAL BULLETIN No. BB/22b-1

Revision No.1

- 1. WITH REFERENCE TO:** All hot air balloons manufactured by Kubíček spol. s r.o. and BALÓNY KUBÍČEK spol. s r.o. incl. balloons with special shaped envelope.
- 2. REASON:** This bulletin specifies the combination of envelopes, burners, baskets, fuel cylinders and equipment (referred to as parts) which may be combined with parts manufactured by Cameron Balloons, Thunder&Colt, Lindstrand Balloons, Sky Balloons, Schroeder Fire Balloons and Ultra Magic.
- 3. REQUIRED ACTION:** Tested and approved combinations are the envelopes BB45 and BB60 with the triple SHADOW burner (manufacturer Cameron) and K25P, K40Y baskets (manufacturer Kubíček) or 160/180 T (manufacturer Cameron). Other parts manufactured by Cameron Balloons, Thunder&Colt, Lindstrand Balloons, Sky Balloons, Schroeder Fire Balloons and Ultra Magic may be combined with the envelopes manufactured by Kubíček spol. s r.o. / BALÓNY KUBÍČEK spol. s r. provided the conditions in paragraph 8 are complied with.
- 4. DEADLINE FOR ACTION:** As required by the operator.
- 5. ACTION CARRIED OUT:** By the manufacturer / operator of the balloon.
- 6. COST:** Operator.
- 7. NECESSARY MATERIAL:** Manuals / Instructions for use and maintenance from all manufacturer whose parts are included in a particular balloon.
- 8. PROCESS:** Kubicek envelopes with other manufacturer's parts
A) General
1. All parts must be approved by means of a Type Certificate or other document issued by the aviation authority in the country of balloon operation / registration.
2. The operator shall ensure that each part is used in accordance with the manufacturer's instructions so that operational limitations or other instructions of each manufacturer are observed during balloon operation. Where the requirements of different manufacturers vary the most restrictive are to be followed.
3. The operator shall ensure that each part is used in accordance with the regulations / requirements of the aviation authority in the country of balloon operation / registration.

4. The operator shall ensure that each part is maintained in an airworthy condition according the manufacturer's instructions. It is recommended that the operator ensures that he receives all necessary information (Service Bulletins, Airworthiness Directives etc.) that relate to parts used in a particular balloon.
5. If requested, the operator shall provide the envelope manufacturer with the necessary information in accordance with A.2, A.4 as well as with the confirmative certifying documents issued by the other part manufacturers / aviation authority.
6. The operator shall provide the envelope manufacturer with the necessary information about the burner and basket in use. The questionnaire (see the Maintenance Manual) is to be filled in and returned to BALÓNY KUBÍČEK spol. s r.o. whenever parts are changed.

B) Burner

1. The burner must comply with the power / units number which is required by envelope / burner manufacturer for a particular envelope.
2. The burner frame used with envelopes up to the 3700 m³ (129,500 feet³) volume incl. must be equipped with 4 carabiner attachment points (1 at each corner). The burner frame used with envelopes from 3700 m³ and more must be equipped with either 4 or 8 attachment points (1 or 2 at each corner).
3. The burner frame must be compatible with the envelope and basket. To achieve this compatibility, the envelope modifications must be performed by the envelope manufacturer only. If necessary, the operator must provide the envelope manufacturer with the necessary information for these modifications. Modifications to the basket / burner frame should be performed by the basket / burner manufacturer. If these modifications are to be made by BALÓNY KUBÍČEK spol. s r.o., approval in writing from the burner / basket manufacturer must be provided by the operator.

C) Basket

1. The basket size used with an envelope must comply with the requirements of the basket / envelope manufacturer.
2. The basket must be loaded so that its permitted loading capacity / number of passengers / number of cylinders prescribed by the basket manufacturer or the balloon max. take-off weight prescribed by the envelope manufacturer is not exceeded.
3. The basket must be compatible with the burner frame (see B.3).

Other manufacturer's envelopes with Kubicek baskets and burners

The manufacturer BALÓNY KUBÍČEK spol. s r.o. hereby agrees with the combination of its burners and baskets with the other manufacturer's envelopes. The above mentioned terms must be complied with. The manufacturer will provide each known burner / basket operator with the necessary information for use, maintenance and continued airworthiness under conditions defined in the Maintenance Manual. BALÓNY KUBÍČEK spol. s r.o. will provide information on continued airworthiness by agreement.

9. BULLETIN TAKES EFFECT: From the date of the CAA, Czech Republic approval.

10. ENCLOSURES: None.

On behalf of the manufacturer:

Jiří Fuxa

Date: 23.11. 2004

