



TYPE CERTIFICATE DATA SHEET Nº EB-EB-2013T07-00

Type Certificate Holder:

Balony Kubicek spol. s r.o.
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CZECH REPUBLIC

EB-2013T07-00

Sheet 01

BALONY KUBICEK
BB / N / Z / GP / XR / E /
P / ED / D-Type ;

28 January 2014

This data sheet, which is part of Type Certificate No. **EB-2013T07**, prescribes conditions and limitations under which the product, for which the Type Certificate was issued, meets the airworthiness requirements of the Brazilian Aeronautical Regulations.

I – Model BB17GP, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 1700 m ³ (59900 ft ³). Gores: 16 Max. Diameter: 14.5 m (48 ft) Total Height: 16.8 m (55 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	495Kg (1090lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes See Data pertinent to All models - Envelopes. Max. continuous: See Data pertinent to All models - Envelopes. See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders. - See Data pertinent to All models – Fuel Cylinders

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

II – Model BB17XR, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 1700 m³ (5900 ft³).
Gores: 16
Max. Diameter: 13.7 m (45 ft)
Total Height: 19.0 m (62 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

495Kg (1090lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models – Envelopes.

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

III – Model BB20, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 2000 m³ (71200 ft³).
Gores: 12
Max. Diameter: 15.4 m (51 ft)
Total Height: 15.4 m (51 ft)

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BURNER	K7, K10, K11, K12, K12A, K13, K13S.
BASKETS	Comercial LPG or Propane
FUEL	
MAXIMUM WEIGHT	630Kg (1389lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

IV – Model BB20E, Manned Free Ballon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2000 m ³ (71200 ft ³). Gores: 12 Max. Diameter: 16.2 m (53 ft ³) Total Height: 15.9 m (52 ft ³)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	630Kg (1389lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

V – Model BB20GP, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 2000 m³ (71200 ft³).
Gores: 24
Max. Diameter: 15.4 m (51 ft)
Total Height: 17.9 m (59 ft)

BURNER KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS K7, K10, K11, K12, K12A, K13, K13S.

FUEL Comercial LPG or Propane

MAXIMUM WEIGHT 730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW One (1) pilot.

MAXIMUM OCCUPANCY See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

VI – Model BB20XR, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2000 m ³ (71200 ft ³). Gores: 20 Max. Diameter: 14.4 m (47 ft) Total Height: 20.3 m (67 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

VII – Model BB20ED, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2000 m ³ (71200 ft ³). Gores: 12 Max. Diameter: 16.2 m (53 ft) Total Height: 15.9 m (52 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	630Kg (1389lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

VIII – Model BB22, Manned Free Ballon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2200 m ³ (78200 ft ³). Gores: 12 Max. Diameter: 17.5 m (57 ft ³) Total Height: 16.2 m (53 ft ³)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

IX – Model BB22E, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 2200 m³ (78200 ft³).
Gores: 12
Max. Diameter: 16.7 m (55 ft)
Total Height: 16.5 m (54 ft³)

BURNER

KOMET DUO UP TO 104, KOMET DUO 105+, IGNIS 2 UNITS

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

680Kg (1498lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

X– Model BB22N, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 2200 m³ (78200 ft³).
Gores: 24
Max. Diameter: 16.2 m (53 ft³)
Total Height: 16.2 m (53 ft³)

BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XI– Model BB22Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2200 m ³ (78200 ft ³). Gores: 24 Max. Diameter: 16.2 m (53 ft ³) Total Height: 16.2 m (53 ft ³)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XII – Model BB22XR, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 2200 m³ (78200 ft³).
Gores: 24
Max. Diameter: 14.6 m (49 ft)
Total Height: 21.0 m (69 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

780Kg (1720lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XIII – Model BB22ED, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2200 m ³ (78200 ft ³). Gores: 12 Max. Diameter: 16.7 m (55 ft) Total Height: 16.5 m (54 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	680Kg (1498lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XIV – Model BB22D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2200 m ³ (78200 ft ³). Gores: 24 Max. Diameter: 16.3 m (54 ft) Total Height: 16.3 m (54 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XV – Model BB26, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2600 m ³ (92500 ft ³). Gores: 12 Max. Diameter: 17.5 m (57 ft) Total Height: 17.4 m (57 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XVI – Model BB26N, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 2600 m³ (92500 ft³).
Gores: 24
Max. Diameter: 17.2 m (56 ft)
Total Height: 17.2 m (56 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XVII – Model BB26E, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 2600 m³ (92500 ft³).
Gores: 12
Max. Diameter: 17.6 m (58 ft)
Total Height: 17.5 m (57 ft)

BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XVIII – Model BB26Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2600 m ³ (92500 ft ³). Gores: 24 Max. Diameter: 17.2 m (56 ft) Total Height: 17.4 m (57 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XIX – Model BB26XR, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 2600 m³ (92500 ft³).
Gores: 24
Max. Diameter: 15.6 m (51 ft)
Total Height: 22.3 m (73 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XX – Model BB26ED, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2600 m ³ (92500 ft ³). Gores: 12 Max. Diameter: 17.6 m (58 ft) Total Height: 17.5 m (57 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	730Kg (1609lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXI – Model BB26D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 2600 m ³ (92500 ft ³). Gores: 24 Max. Diameter: 17.2 m (56 ft) Total Height: 17.4 m (57 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXII – Model BB30N, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3000 m ³ (106800 ft ³). Gores: 24 Max. Diameter: 18.4 m (60 ft) Total Height: 18.8 m (62 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	945Kg (2083lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXIII – Model BB30Z, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 3000 m³ (106800 ft³).
Gores: 24
Max. Diameter: 18.0 m (59 ft)
Total Height: 18.4 m (60 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

945Kg (2083lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXIV – Model BB30XR, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 3000 m³ (106800 ft³).
Gores: 24
Max. Diameter: 23.5 m (77 ft)
Total Height: 16.4 m (54 ft)

BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	945Kg (2083lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXV – Model BB30ED, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3000 m ³ (106800 ft ³). Gores: 12 Max. Diameter: 18.4 m (60 ft) Total Height: 18.8 m (62 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	840Kg (1852lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXVI – Model BB30D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 3000 m³ (106800 ft³).
Gores: 24
Max. Diameter: 18.4 m (60 ft)
Total Height: 18.7 m (61 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K7, K10, K11, K12, K12A, K13, K13S.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

945Kg (2083lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXVII – Model BB34Z, Manned Free Ballon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3400 m ³ (121000 ft ³). Gores: 24 Max. Diameter: 18.9 m (62 ft) Total Height: 19.3 m (63 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1040Kg (2291lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXVIII – Model BB34ED, Manned Free Ballon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3400 m ³ (121000 ft ³). Gores: 12 Max. Diameter: 19.2 m (62 ft) Total Height: 19.7 m (63 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	945Kg (2083lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXIX – Model BB34D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3400 m ³ (121000 ft ³). Gores: 24 Max. Diameter: 18.9 m (62 ft) Total Height: 19.3 m (63 ft ³)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K7, K10, K11, K12, K12A, K13, K13S.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1040Kg (2291lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXX – Model BB37N, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 3700 m³ (131700 ft³).
Gores: 24
Max. Diameter: 19.7 m (65 ft)
Total Height: 20.0 m (66 ft)

BURNER

KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units

BASKETS

K13, K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

1150Kg (2535lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXI – Model BB37Z, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 3700 m³ (131700 ft³).
Gores: 24
Max. Diameter: 19.7 m (65 ft)
Total Height: 20.0 m (66 ft)

BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K13, K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1150Kg (2535lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXII – Model BB37D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 3700 m ³ (131700 ft ³). Gores: 248 Max. Diameter: 19.4 m (64 ft) Total Height: 19.9 m (65 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, IGNIS 2 units
BASKETS	K13, K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1150Kg (2535lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXVIII – Model BB40Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 4000 m³ (142400 ft³).
Gores: 24
Max. Diameter: 19.9 m (65 ft)
Total Height: 20.0 m (67 ft)

BURNER KOMET DUO up to 104, KOMET DUO 105+, KOMET TRIO
IGNIS 2 units, IGNIS 3 units

BASKETS K13, K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.

FUEL Comercial LPG or Propane

MAXIMUM WEIGHT 1310Kg (2885lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW One (1) pilot.

MAXIMUM OCCUPANCY See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXIV – Model BB40D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 4000 m ³ (142400 ft ³). Gores: 24 Max. Diameter: 19.9 m (65 ft) Total Height: 20.5 m (67 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, KOMET TRIO IGNIS 2 units, IGNIS 3 units
BASKETS	K13, K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1310Kg (2885lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXV – Model BB42Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 4250 m ³ (151300 ft ³). Gores: 24 Max. Diameter: 20.3 m (67 ft) Total Height: 20.7 m (68 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, KOMET TRIO IGNIS 2 units, IGNIS 3 units
BASKETS	K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1410Kg (3109lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXVI – Model BB42D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 4250 m ³ (151300 ft ³). Gores: 24 Max. Diameter: 20.3 m (67 ft) Total Height: 20.7 m (68 ft)
BURNER	KOMET DUO up to 104, KOMET DUO 105+, KOMET TRIO IGNIS 2 units, IGNIS 3 units
BASKETS	K15, K16, K17, K18, K22, K25P, K28, K32T, K32Y.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1410Kg (3109lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXVII – Model BB45N, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 4500 m³ (160200 ft³).
Gores: 24
Max. Diameter: 20.7 m (68 ft)
Total Height: 21.1 m (69 ft)

BURNER

KOMET DUO 105+, KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units

BASKETS

K22, K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50TT.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

1520Kg (3351lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXVIII – Model BB45Z, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 4500 m³ (16200 ft³).
Gores: 24
Max. Diameter: 20.7 m (68 ft)
Total Height: 21.1 m (69 ft)

BURNER	KOMET DUO 105+, KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units
BASKETS	K22, K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50TT.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1520Kg (3351lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XXXIX – Model BB45D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 4500 m ³ (160200 ft ³). Gores: 24 Max. Diameter: 20.7 m (68 ft) Total Height: 21.1 m (69 ft)
BURNER	KOMET DUO 105+, KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units
BASKETS	K22, K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50TT.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1520Kg (3351lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes
	Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XL – Model BB51Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 5100 m³ (181500 ft³).
Gores: 24
Max. Diameter: 21.6 m (71 ft)
Total Height: 22.1 m (73 ft)

BURNER KOMET DUO 105+, KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units

BASKETS K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50TT.

FUEL Comercial LPG or Propane

MAXIMUM WEIGHT 1690Kg (3726lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW One (1) pilot.

MAXIMUM OCCUPANCY See Data pertinent to All models - Baskets.

FUEL CAPACITY At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLI – Model BB51D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 5100 m ³ (181500 ft ³). Gores: 24 Max. Diameter: 21.6 m (71 ft) Total Height: 22.1 m (73 ft)
BURNER	KOMET DUO 105+, KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units
BASKETS	K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50TT.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1690Kg (3726lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLII – Model BB60N, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 6000 m ³ (213600 ft ³). Gores: 32 Max. Diameter: 22.9 m (75 ft) Total Height: 23.6 m (77 ft)
BURNER	KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units
BASKETS	K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1940Kg (4277lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLIII – Model BB60Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 5950 m ³ (209700 ft ³). Gores: 24 Max. Diameter: 23.4 m (77 ft) Total Height: 22.7 m (74 ft)
BURNER	KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units
BASKETS	K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	1940Kg (4277lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLIV – Model BB60D, Manned Free Ballon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 5950 m³ (213600 ft).
Gores: 24
Max. Diameter: 22.7 m (74 ft)
Total Height: 23.4 m (78 ft)

BURNER

KOMET TRIO, IGNIS 2 units, IGNIS 3 units, IGNIS 4 units

BASKETS

K25P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

1940Kg (4277lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least two cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLV – Model BB70Z, Manned Free Ballon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 7000 m³ (81 ft³).
Gores: 24
Max. Diameter: 24.8 m (81 ft)
Total Height: 24.6 m (81 ft³)

BURNER	KOMET TRIO, IGNIS 3 units, IGNIS 4 units
BASKETS	K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT, K60, K70, K80.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	2300Kg (5071lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least three cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLVI – Model BB70D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 7000 m ³ (249200 ft ³). Gores: 24 Max. Diameter: 24.8 m (81 ft) Total Height: 24.6 m (81 ft)
BURNER	KOMET TRIO, IGNIS 3 units, IGNIS 4 units
BASKETS	K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT, K60, K70, K80.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	2300Kg (5071lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.

FUEL CAPACITY At least three cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLVII – Model BB85Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE Capacity (Volume): 8500 m³ (302600 ft³).
Gores: 28
Max. Diameter: 26.6 m (87 ft)
Total Height: 26.5 m (87 ft)

BURNER IGNIS 3 units, IGNIS 4 units

BASKETS K40T, K40Y, K50, K50TT, K60, K70, K80.

FUEL Comercial LPG or Propane

MAXIMUM WEIGHT 2820Kg (6217lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW One (1) pilot.

MAXIMUM OCCUPANCY See Data pertinent to All models - Baskets.

FUEL CAPACITY At least three cylinders - See Data pertinent to All models – Fuel Cylinders.

SERIAL NUMBERS ELIGIBLE S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLVIII – Model BB85D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 8500 m ³ (302600 ft ³). Gores: 28 Max. Diameter: 26.6 m (87 ft) Total Height: 26.5 m (87 ft ³)
BURNER	IGNIS 3 units, IGNIS 4 units
BASKETS	K40T, K40Y, K50, K50TT, K60, K70, K80.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	2820Kg (6217lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least three cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

XLIX – Model BB100Z, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 10000 m ³ (353100 ft ³). Gores: 28 Max. Diameter: 27.0 m (89 ft) Total Height: 27.0 m (92 ft)
BURNER	IGNIS 4 units
BASKETS	K60, K70, K80, K85, K90, K100, K110.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	3200Kg (7055lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least four cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up. A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

L – Model BB100D, Manned Free Balloon, Approved 28 January 2014.

ENVELOPE	Capacity (Volume): 10000 m ³ (353100 ft ³). Gores: 28 Max. Diameter: 27.0 m (89 ft) Total Height: 28.2 m (92 ft)
BURNER	IGNIS 4 units
BASKETS	K60, K70, K80, K85, K90, K100, K110.
FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	3200Kg (7055lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least four cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

LI – Model BB120P, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 12000 m³ (432800 ft³).
Gores: 28
Max. Diameter: 29.0 m (95 ft)
Total Height: 31.0 m (102ft)

BURNER

IGNIS 4 units

BASKETS

K60, K70, K80, K85, K90, K100, K110.

FUEL

Comercial LPG or Propane

MAXIMUM WEIGHT

3700Kg (8150lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.

**ALLOWABLE ENVELOPE
TEMPERATURE**

Never exceed: See Data pertinent to All models - Envelopes

Max. continuous: See Data pertinent to All models - Envelopes.

MINIMUM CREW

One (1) pilot.

MAXIMUM OCCUPANCY

See Data pertinent to All models - Baskets.

FUEL CAPACITY

At least four cylinders - See Data pertinent to All models – Fuel Cylinders.

**SERIAL NUMBERS
ELIGIBLE**

S/N 1 and up.

A Certificate of Airworthiness for Export endorsed as noted under "Import Eligibility" must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.

LII – Model BB142P, Manned Free Balloon, Approved 28 January 2014.**ENVELOPE**

Capacity (Volume): 14200 m³ (500000 ft³).
Gores: 32
Max. Diameter: 30.3 m (99 ft)
Total Height: 33.5 m (110 ft)

BURNER

IGNIS 4 units

BASKETS

K60, K70, K80, K85, K90, K100, K110.

FUEL	Comercial LPG or Propane
MAXIMUM WEIGHT	4500Kg (9912lbs) or the weight limited by ambient conditions according to Balloons Flight Manual, whichever is lesser.
ALLOWABLE ENVELOPE TEMPERATURE	Never exceed: See Data pertinent to All models - Envelopes Max. continuous: See Data pertinent to All models - Envelopes.
MINIMUM CREW	One (1) pilot.
MAXIMUM OCCUPANCY	See Data pertinent to All models - Baskets.
FUEL CAPACITY	At least four cylinders - See Data pertinent to All models – Fuel Cylinders.
SERIAL NUMBERS ELIGIBLE	S/N 1 and up A Certificate of Airworthiness for Export endorsed as noted under “Import Eligibility” must be submitted for each individual balloon for which application for a Brazilian Certificate of Airworthiness is made.
CERTIFICATION BASIS	RBAC 21, paragraph 21.17 (b), effective 20 July 1993, and RBHA 31, dated 06 August 1990, which endorses the 14 CFR Part 31 Amendment 7. Special Conditions: Lights for Free Manned Balloon Flights at Night, Issue 2, 22 October 2012. For information about night flying refer to Night Flying Flight Manual Supplement documents N° FMS_B.0102-NF, rev. 0, dated 02 Apr. 2013 for envelope s/n up to 639 and document N° FMS_B.2102-NF, rev. 0, dated 02 Apr. 2013 for envelope s/n 640 and up. Equivalent levels of safety findings: ELOS for Balony Kubicek BB Balloon IGNIS burner, FAA project Number TC0248CE-B, Regulatory Ref: 14 CFR paragraph 31.47(d), Amendment 31-7, ACE-07-13. The same equivalent Levels of Safety findings used for IGNIS burner were used during the certification of KOMET burner.
REQUIRED EQUIPMENT	The basic required equipment, as prescribed in the applicable airworthiness regulations (see Certification Basis) must be installed in the balloon for certification. In addition to the above required equipment, the following equipment is also required: Latest ANAC approved Brazilian Balloon Flight Manual, issued for the applicable balloon serial number:
REQUIRED EQUIPMENT (CONT.)	<ul style="list-style-type: none"> - Flight Manual Supplement for BB balloons registered in Brazil (no. B.0102-BR) – for envelope s/n up to 639. - Flight Manual Supplement for BB balloons registered in Brazil (no. B.2102-BR) – for envelope s/n 640 and up. <p>.Lighter or similar ignition device. Fire extinguisher.</p>

MAINTENANCE AND INSPECTION

Maintenance and inspection must be carried out in accordance with the BALONY KUBICEK spol. s r.o. Flight Manual B.0105 dated 04 Sep. 2007, Rev. 0, or latest approved revisions and maintenance Manual B.0205 dated 10 Jan. 2008, Rev. 0, or latest approved revisions (for Ballons of serial number up to 639) or Maintenance Manual B.2205 dated 30 Jun. 2009 or latest approved revisions (for ballons of serial number 640 and up).

DATA PERTINENT TO ALL MODELS – BASKETS:

Baskets s/n 400 and up

BASKET	SIZE	DRAWING	MAX. OCCUPANCY
K10	33 in x 46 in x 43 in	61-050097	3
K11	38 in x 46 in x 43 in	61-054200	4
K12	46 in x 46 in x 43 in	61-050556	5
K12A	46 in x 46 in x 43 in	61-050586	5
K13	46 in x 49 in x 43 in	61-045300	4
K13S	39 in x 47 in x 43 in	62-054450	3
K15	46 in x 53 in x 43 in	61-050111	5
K16	46 in x 57 in x 43 in	61-050125	6
K17	46 in x 57 in x 43 to 45 in	61-054400	6
K18	46 in x 67 in x 43 in	61-050135	7
K22	49 in x 71 in x 43 in	62-052680	8
K25P	49 in x 83 in x 43 in	62-052650	8
K28	63 in x 87 in x 45 in	62-057100	8
K32T	49 in x 94 in x 43 in	62-053050	10
K32Y	63 in x 94 in x 43 in	62-053050	10
K32TT	63 in x 98 in x 43 in	62-054950	10
K40T	63 in x 106 in x 43 in	62-052090	12
K40Y	63 in x 106 in x 43 in	62-052090	12
K50	63 in x 118 in x 43 in	62-054500	14
K50TT	63 in x 118 in x 43 in	62-054900	14
K60	63 in x 150 in x 43 in	62-054600	18
K70	63 in x 173 in x 43 in	62-054800	22
K80	63 in x 189 in x 43 in	62-054850	26
K85	63 in x 205 in x 43 in	62-57150	26
K90	63 in x 205 in x 43 in	62-57250	26
K100	63 in x 240 in x 43 in	62-054890	30
K110	63 in x 260 in x 43 in	62-054980	34

Different data for baskets s/n up to 399

BASKET	SIZE	DRAWING	MAX. OCCUPANCY
K10	33 in x 39 in x 43 in	61-050097	3
K13S	37 in x 50 in x 43	61-045300	3
K15	46 in x 49 in x 43	61-050111	5
K16	46 in x 55 in x 43	61-050125	6
K22	49 in x 73 in x 43	62-052680	8
K25P	49 in x 82 in x 43	62-052650	8
K32T	49 in x 95 in x 45	62-053050	10
K40Y	64 in x 98 in x 45	62-052090	12
K60	67 in x 138 in x 43	62-054600	18
K70	67 in x 157 in x 43	62-054800	22
K80	67 in x 177 in x 43	62-054850	26

Basket optional equipment – The following optional equipment can be fitted in the baskets:

- Door – for baskets K17, K22, K25P, K28, K32T, K32Y, K40T, K40Y, K50, K50TT, K60, K70, K80, K85, K90, K100, K110
- Passenger seat – for baskets K15, K16, K17, K18, K22, K22P, K28, K32T, K32Y, K32TT, K40T, K40Y, K50, K50TT, K60, K70, K80, K85, K90, K100, K110 – not applicable if Y-shaped inner compartments are fitted.

DATA PERTINENT TO ALL MODELS – Fuel Cylinders (the approved types of fuel cylinders for use on all models)
Minimum amount fuel required for takeoff: One full fuel cylinder per each burner unit.

Manufacturer	Type	Weight	
		Empty (lb)	Fuel (lb)
Schroeder	VA50	33	80
	VA70	40	107
Cameron Balloons	Worthington (CB250)	31	75
	CB497	35	75
	CB599	44	90
	CB2088	48	110
	CB426	48	112
	CB959	55	135
	CB2385	24	75
	CB2387	31	90
	CB2380	29	93
	CB2383	33	114
	CB2900	46	96
	CB2901	51	117
	CB2902	53	133
	CB2903	60	139
Linistrand Ballons	V20	31	75
	V30	40	106
	V40	44	132
	T30	22	88
Thunder & Colt	V20	31	75
	V30	40	106
	V40	44	132

Data pertinent to all models – Envelopes:

Allowable Envelope Temperature:

1. Never exceed:

Polyster, Polyurethane or Acrylic coated hot air balloon fabric: 124°C (248°F)

Nylon, Polyurethane or Acrylic coated hot air balloon fabric: 110°C (230°F)

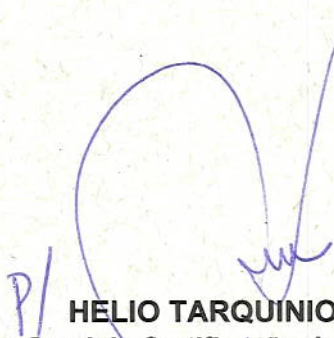
2. Max. Continuous:

Polyster, Polyurethane or Acrylic coated hot air balloon fabric: 124°C (248°F)

Nylon, Polyurethane or Acrylic coated hot air balloon fabric: 110°C (230°F)

NOTES:

- NOTE 1** Each manned free balloon must have an individual registration number. An individual envelope is eligible for a standard airworthiness certificate when mated with its approved combination of basket and burner assembly. Change to an eligible combination must be endorsed by log book entry by the pilot in command.
- NOTE 2** For the purpose of maintenance and inspection, operation records must be maintained with each manned free balloon envelope.
- If burner, basket, instruments and/or tanks are interchanged, separated log books must be maintained for each component or group of components which are always used together. The flight and maintenance manual must be present to an ANAC certificated repair station during annual inspections, for certification of components being inspect.
- NOTE 3** Annual maintenance inspections should be carried out in accordance with the inspections schedule contained within the Balony Kubicek spol s r.o. Maintenance Manual B.0205 or Balony Kubicek spol s r.o. Maintenance Manual B.02205.
- NOTE 4** The only approved configurations of envelope, basket and burner are specifically identified within each model section.
- NOTE 5** The BB Balloons are limited to VFR day flights unless an approved set of position lights and the appropriate supplement to the Flight Manual are used:
- Night Flying Flight Manual Supplement for BB balloons registered in Brazil (no. B.0102-NF) – for envelope s/n up to 639.
 - Night Flying Flight Manual Supplement for BB balloons registered in Brazil (no. B.2102-NF) – for envelope s/n 640 and up


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