

# PARACHUTE RIGGER COURSE SYLLABUS

## Aim

This is an examination to qualify Basic Riggers up to Parachute Rigger status

## Duration

The course is held over a minimum total period of five days.

## Course Instructors

- 2 Rigger Examiners per course from different establishments
- Maximum of 4 candidates per Rigger Examiner

## Requirements

Requirements to attend the Parachute Rigger Course are listed in the British Skydiving Operations Manual, Section 14, sub section 3.

## Examination Syllabus

- Each candidate must pass the written test before they can proceed with the rest of the examination
- Submission of a full set of previously manufactured components from the Parachute Rigger Manufacturing Syllabus. Any items missing for any reason will score a zero mark.
- Submission of the log of rigging work carried out since the BR course, signed appropriately by supervising riggers.
- Canopy repair work
- Container repair
- Line replacement
- Manufacture components

N.B.(1) All component parts made by candidates must be labelled.

N.B.(2) PR Course repair projects can be a mixture of solo and Tandem equipment as chosen by the Examiners.

## Parachute Rigger Manufacturing Syllabus

The following items are to be made to an approved manufacturer's design and presented complete, **and certified serviceable in your rigging log by your supervising rigger:**

- Throwaway Main Pilot Chute with a toggle (Student type, NOT a Hackey)
- Non-collapsible Main bridle with pin for a throwaway system (Student type)
- Throwaway Main Pilot Chute with a free fly pud, attached to a completed kill line bridle. If bridle is intended to be retro fitted to a D bag it should be presented sewn into the D bag.
- Free fall Main D bag (may be presented with bridle and pilot chute as listed above)
- Static line
- Static line D bag
- Type 8 standard 3 ring risers, large rings, Student type (NOT Tandem)
- Steering toggles including both Velcro and Velcro-less designs (NOT Tandem)

- Cut-Away pad, Sports or Student rig type (NOT Tandem)
- BOC pocket, sports rig type
- Free-bag safety stow loop (to follow Form 257 Guidelines for the manufacture of Safety Stows)

All items should have a serial number to reference to your rigging log along with a date of manufacture.

Only one of each item should be presented, this should be accompanied with a written description of make being copied and what specification if an original item cannot be submitted for comparison.

Items made on the candidate's BR course may not be submitted for the PR course.

(To clarify an "approved manufacturer's design" is that from a recognised manufacturer and not amalgamation of individual designs)

### **Establishments**

- Those wishing to run a Rigging Course must apply to the Rigger's Subcommittee for permission, giving details of facilities etc.
- Form 237 lists the British Skydiving Rigging Loft Minimum Criteria to be met

### **Limitations of work**

- Cleared for all general maintenance and repair work on parachute assemblies
- The manufacture of new components as listed in the Parachute Rigger Manufacturing Syllabus must be identified by the Parachute Rigger's label or stamp
- All modifications may need to be justified by the Parachute Rigger
- Not cleared for repair work or modifications to reserve canopies, reserve containers or reserve component parts. Also, not cleared for harness manufacture or harness work.
- Modifications to equipment used by Student Skydivers require acceptance from the British Skydiving Riggers' Subcommittee via submission of Form 209

### **Records**

- A course report will be sent to the British Skydiving HQ and Riggers' Subcommittee and to the candidate's supervising rigger
- All Parachute Riggers must keep a log of all work done.

### **Currency**

- Parachute Riggers must have their British Skydiving Membership card endorsed, to be renewed each year with membership
- The renewal form will be signed by an Advanced Rigger who must be satisfied that the PR is current and up to date with current practices

### **General information**

Should the candidate fail to qualify, he/she may attend a further Parachute Rigger Course, in accordance with the recommendations made by the Examiners on the Course.