

## **TANDEM SKYDIVE - DECLARATION OF FITNESS TO PARACHUTE**

I hereby declare that I am physically fit. I do not, and have not, suffered from any of the following conditions which I understand may lead to a dangerous situation with regard to myself or other persons during parachuting\*/I have had one of the following conditions and have declared full details to the certifying doctor: *\* Delete as appropriate*

Epilepsy, fits, severe head injury, recurrent blackouts or giddiness, disease of the brain or nervous system, high blood pressure, Heart or lung disease, recurrent weakness or dislocation of any limb, diabetes, mental illness, drug or alcohol addiction.

I further declare that in the event of contracting or suspecting any of the above conditions, or in the event of sickness absence over twenty consecutive days, incapacitating injury or confirmation of pregnancy. I will cease to parachute until I have obtained medical approval. I have read the notes overleaf.

_____	_____/_____ Date of Birth / Age (dd/mm/yy)	_____
Name in CAPITALS		Weight
_____	_____	_____
Signature	Date	Height
_____	_____	
Signature of Witness	Name of Witness in CAPITALS	

\*\*For parachutists under 18 years of age, the Witness MUST be the parent or guardian. Minimum age is 16 years.

**IF YOU CANNOT SIGN THE DECLARATION BECAUSE OF ANY OF THE ABOVE CONDITIONS, OR IF YOU ARE AGED 70 OR OVER, YOU MUST OBTAIN THE DOCTORS CERTIFICATION BELOW BEFORE PARACHUTING. THIS IS NOT N.H.S. WORK AND YOUR DOCTOR MAY CHARGE YOU FOR THIS. A SPECIFIC APPOINTMENT MAY NEED TO BE MADE.**

### **DOCTOR'S CERTIFICATE**

*//fill in the details above before visiting your doctor//*

I understand that the applicant wishes to make a Student Tandem parachute descent but has a listed condition/is aged 70 or over\*. I have read the notes overleaf. In my opinion as a doctor without specialist knowledge of parachuting, the applicant is physically and mentally capable of parachuting as a tandem student and is medically safe to do so. *\* Delete as appropriate*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date of Expiry  
(no more than 3 years, see validity over leaf)

\_\_\_\_\_  
Doctors Stamp here

**NOTES FOR PARACHUTISTS** No persons under the age of 16 are permitted to parachute, or carry out parachute training. Tandem Student parachutists do not have to be particularly fit but there are some medical conditions that can cause problems. As well as the conditions listed overleaf, the following may cause problems to parachutists. If you have ever suffered from any of them you must have your doctors approval before parachuting:

Previous fractures, back strain, arthritis and severe joint sprains. Chronic bronchitis. Asthma. Rheumatic fever. Pneumothorax. Liver or Kidney disease. Anaemia. Thyroid, adrenal or other glandular disorder. Chronic ear or sinus disease. Any condition which requires the regular use of drugs. Regular or recent blood donation.

Blindness is no barrier to Tandem parachuting. However, if you do wear spectacles they should be securely attached while parachuting. Protective goggles should be worn.

**NOTES FOR DOCTORS** Cardiorespiratory fitness is important. Student Tandem parachutists make descents from unpressurised aircraft at heights of 5,500 to 15,000 feet above sea level without supplementary oxygen. At 15,000 feet there is a 40% reduction in available oxygen. A tachycardia of 120 - 160 bpm is common in experienced parachutists and 200 bpm is not unusual in novices. The tachycardia may be present at the same time as relative hypoxia. Ischaemic heart disease, uncontrolled hypertension and cerebrovascular disease are absolute contraindications. Candidates with traumatic tetraplegia may have reduced ventilatory capacity. The examining doctor should be satisfied that any impairment will not cause respiratory embarrassment at altitude. A history of autonomic dysreflexia should be excluded in candidates with spinal injuries above mid-dorsal level. Specialist advice should be sought in cases of doubt.

Student Tandem parachutists are strapped to an experienced instructor throughout the aircraft ride and parachute descent. The instructor and student share a common large parachute but only the instructor can open it or initiate any emergency procedures. Musculoskeletal fitness is not required and even paralysis or partial amputation of limbs is acceptable provided the instructor secures flaccid limbs before the jump. Unstable or dislocatable shoulders are particularly likely to dislocate again while parachuting. This is painful and risks further injury to the joint. During the parachute deployment there is a brisk deceleration, usually about 4g but occasionally up to 15g. Unstable spinal injuries or subluxation may be exacerbated by such deceleration. The landing impact typically involves a variable descent rate equivalent to jumping from a wall 0 - 4 feet high, with a horizontal speed of 0 - 15 mph. Occasionally the landing impact may be considerably greater than this. Pre-existing spinal problems, joint injuries and arthritis can be exacerbated but are far less likely to be aggravated by a tandem jump than by any other form of parachuting, due to the descent and landing being controlled by a very experienced instructor. Middle ear or sinus disease may cause problems due to the rapid changes in ambient air pressure. The rate of descent in freefall may exceed 10,000 ft/min and under an open canopy 1,000 ft/min. Neither blindness or deafness constitutes a barrier to Student Tandem parachuting, but the candidate must be capable of appreciating what is happening and of giving informed consent. Stable diabetes with no tendency to hypoglycaemia is acceptable.

Epilepsy is not a contraindication provided that control is good and there have been no fits or changes in medication in the last two years. Most neurodegenerative disorders are acceptable unless respiratory impairment or marked postural hypotension are present.

Normal mental development and a stable mental state are important. The candidate must be able to understand what he/she is about to do and be capable of giving fully informed consent. The candidate's behaviour must not pose a risk to the Tandem Instructor. Current neurosis requiring active treatment, history of psychosis, subnormality, pathological euphoria, drug addition and alcohol dependence all constitute a contraindication.

**A certifying doctor is not stating that a candidate will remain free of injury during parachuting, but that records, history or appropriate clinical examination have not suggested unacceptable medical risk factors.** The preferred level of skill is usually that of a GP without specialist knowledge of parachuting but usually with access to the candidates records or a specialist responsible for the patients care.

**VALIDITY** The Parachutist's Declaration overleaf places the parachutist under a permanent obligation to cease parachuting until obtaining a doctors certificate if he/she develops any of the listed conditions. It should be renewed at least every 3 years however the examining doctor can specify a shorter period of validity if he/she feels it appropriate.