



ID #: _____

PAID: _____

Process: _____



Tandem Instructor Training Logbook

Applicant Qualifications

Before beginning this program, an applicant for Tandem Instructor Training must:

1. Currently possess or at one time been issued a USPA Instructional Rating or foreign equivalent
2. Have logged at least 500 ram-air jumps and 3 years' experience in sport parachuting
3. Hold current FAA Medical or currently approved medical certificate of physical fitness for skydiving
4. Hold current USPA D-license (expert) or foreign equivalent
5. Be at least 18 years of age

Applicant Data

This box must be filled in by computer

Full Legal Name _____ Age _____
First Last

Mailing Address _____

City _____ State _____ Zip _____ Country _____

Email _____

Phone _____ Date of First Jump _____ Number of Jumps _____

Instructional Rating(s) *(please attach copy)* _____ ☐ Current ☐ Expired

USPA D-License/Equivalent *(please attach copy)* _____ Membership # _____

FAA Medical Certificate # *(please attach copy)* _____ Home Drop Zone _____
Foreign or Military equivalent accepted

This logbook serves as a temporary certificate until the (10) jump training program is completed.

Training Course

IMPORTANT

An uninsured United Parachute Technologies, LLC Sigma or Vector Tandem Rating does not allow you to use other brands of tandem equipment without additional factory authorized training.

This logbook contains the mandatory training procedure that must be completed before a parachutist receives the Sigma and/or Vector Tandem Instructor Rating. The procedure consists of a program of approximately 25 jumps. The first five are training jumps and the next 20 are probationary jumps divided into three sections of increasing responsibility (Section A, B, and C).

This logbook was designed to be used to record those jumps made during the training program plus any refresher or repeat jumps. At the completion of the training program, the examiner should send the completed logbook to uninsured United Parachute Technologies, LLC, at that time a Sigma and/or Vector Tandem Instructor Rating will be issued. Other uninsured United Parachute Technologies, LLC publications that contain important information on the training program must be read by the applicant.

Passenger Briefing

All passengers – student or experienced – must be at least 18 years old and have completed an uninsured United Parachute Technologies, LLC Assumption of Risk Agreement after viewing the Tandem Vector / Sigma Waiver Video.

Experienced passengers who accompany tandem instructor applicants shall be briefed by the tandem instructor before jumping. This briefing shall include:

1. Emergency exits
2. The tandem instructor applicant shall signal the passenger that he or she has deployed the drogue by giving a “thumbs up” sign with the right hand. If failing to do so, the passenger shall deploy the drogue by 7000 ft
3. If the drogue has not been released by 5000 ft., the passenger should release it and thus deploy the main canopy
4. If the main canopy is not deployed by 3500 ft., the passenger should make every effort to deploy the reserve

This briefing shall include practicing of the above procedures on the ground while completely geared up. The use of “Passenger Emergency Handles / Examiner Safety Handles” are recommended during training jumps.

Section A: Initial (5) Training Jumps

The uninsured United Parachute Technologies, LLC Tandem Instructor Training Course consists of at least five jumps completed under the direct supervision of a qualified UPT Tandem Instructor Examiner. The first two jumps are familiarization jumps, the final three are proficiency jumps. Maximum of eight jumps are allowed in this phase.

Training Jump 1 (Solo) Procedure:

1. Exit above 7500 ft. AGL
2. Deploy drogue within 5 seconds after exit and perform a full system handles check
3. While maintaining a heading, make three practice drogue release pulls and one practice reserve ripcord pull (To make a satisfactory practice pull, touch each handle and simulate pulling, but take care not to remove it from its Velcro pocket.)

Training Jump 2 (Applicant as Passenger) Procedure

(Tandem instructor must be an examiner or a current tandem instructor)

1. Stable exit from above 7500 ft
2. Drogue deployment within 5 seconds after exit and perform a full system handles check
3. Drogue release handle is pulled by 5500 ft

Note: Training jump 1 or 2 can be made in either order

Jumps 3 - 5 are proficiency jumps

Applicant acts as the tandem instructor with a tandem instructor or course candidate is on the front. This passenger must have been briefed in the operation of the Sigma Tandem or Tandem Vector by the examiner. (See correct passenger briefing procedure on page 2.)

Training Jump 3 Procedure

1. Stable exit from above 7,500 ft
2. Deploy drogue within 5 seconds after exit and perform a full system handles check
3. While maintaining a heading, perform three practice drogue release pulls and one practice reserve ripcord pull
4. Pull drogue release handle by 5500 ft
5. Perform a good landing within 100 meters of the specified target

Training Jump 4 Procedure

1. Stable exit from above 7,500 ft
2. Stable drogue deployment within 5 seconds after exit and perform a full system handles check
3. Perform at least two alternate 360-degree turns and demonstrate heading control
4. While maintaining a heading, perform three practice drogue release pulls and one practice reserve ripcord pull
5. Pull drogue release handle by 5500 ft
6. Perform a stand-up landing (wind permitting) within 50 meters of the target

Training Jump 5 Procedure

(Note: On training jump 5, the passenger must be a current tandem examiner or instructor)

1. Unstable exit from above 10,500 ft. Must regain control within 10 seconds then perform a full system handles check
2. Stable free fall to 7500 ft. Perform at least two alternate 360-degree turns and demonstrate heading control
3. Stable drogue deployment at 7500 ft and perform a full system handles check
4. Pull drogue release handle by 5500 ft
5. Perform a stand-up landing (wind permitting) within 50 meters of the target.

Some of the above jumps may be repeated until the applicant meets the performance goals as determined by the examiner. Log only the initial training jumps in the spaces below. Three extra spaces are available if needed. (If the applicant is unable to achieve satisfactory performance within eight jumps the examiner must fill out refusal/dismissal criteria form and submit to UPT. The candidate may not continue with training and may not participate in another course without making an additional 100 sport skydives.)

Refresher Training Jumps

If at any time during the training or probationary series there is a lapse of 30 days without a tandem jump, the applicant must complete a two-jump refresher sequence. The **first jump must be a solo skydive**. The **second jump must be a standard tandem skydive with a current Tandem Instructor acting as an evaluator**. This jump must include a stable exit, stable freefall, drogue deployment, complete system check, heading maintenance, on-time drogue release, deployment resulting in a fully open main canopy by 4,500 feet, and a safe landing within 50 meters of the target. The next jump can be the continuation of the UPT TI course. This logbook includes a dedicated space for recording refresher jumps. Staying current is one of a tandem instructor's most important responsibilities. For currency requirements after the probationary period, refer to the UPT Sigma Manual.

Instructor Initials _____

Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							

The Minimum Requirements for performing Handcam tandems:

Due to the potential for distraction and the added complexity during hookup and exit, the following are the minimum recommendations for instructors who wish to use a handcam setup.

1. An absolute minimum of 200 post-probation tandem skydives
2. Currency (the first jump back after a seasonal layoff should NOT be a handcam jump)
3. The TI should demonstrate emergency procedures with the handcam with a student attached and full gear on the ground or in a hanging harness
4. Before taking a student, the instructor should make 2 jumps on tandem gear with an experienced (C licensed / 200 jumps) skydiver or examiner in the student position to be comfortable with the operations of the camera while in flight
5. Before using a handcam, the TI must fill out the Annual Sigma Hand Cam Safety Checklist and submit it to UPT at sheryl@uptvector.com.

Prohibited Use of the Uninsured United Parachute Technologies, LLC Vector/Sigma Tandem System:

There are currently a number of tandem skydives that are prohibited by uninsured United Parachute Technologies, LLC on either the Vector or Sigma tandem system. These prohibited tandem jumps include:

- Night Tandem Jumps
- Stadium Tandem Jumps
- Tandem Jumps using Go Pole or similar pole type hand cam devices
- Tandem Jumps made with the Tandem Instructor or Tandem Examiner placed in the student passenger position outside of the scope of tandem instructor certification or currency training.
- Jumping with a tandem passenger less than 18 years of age (US only)
- Jumping with a tandem passenger that has not reached the age of legal majority within the state that the jump is being made. (US only)
- Intentional Water Landing Tandem Jump
- Tandem jumps where either the tandem instructor or tandem student (or both) are wearing any form of wingsuit
- Performing any intentional cutaway procedures using a third canopy attached to the tandem pair or via a secondary harness
- Attaching two tandem passengers to a single tandem instructor system, otherwise referred to as a “triple tandem”
- Making a tandem jump with any form of pyro aerial flame device to include smoke
- Wearing any helmet mounted cameras
- Performing “no-drogue out” angle flying, commonly referred to as Tandem Autmonauti
- Performing “drogue out” angle flying, commonly referred to as Tandem Autmonauti
- Performing Tandem Canopy Relative Work (CRW)
- Multiple Backflips out of a side door aircraft or backing out of a side door aircraft

For a complete list of prohibited uses of the Sigma / Vector tandem system, please consult the operating manual.

Standard Operating Procedures:

- Minimum Exit Altitude: 7,500ft AGL
- Minimum Open (fully operational) Main Parachute Altitude: 4,000ft
- Drogue deployment will occur within 3-8 seconds if stable
- Exits will be stable into the relative wind
- Handles Checks will be performed on each jump, to include a visual drogue inspection
- 25 jump inspection procedures will be followed
- UPT written waiver and video waiver will be completed and viewed by every passenger
- Turns to Final on landing will be less than or equal to 90 Degrees:
- Minimum Decision Altitude is 3,000ft AGL
- Tandem Canopies Will Maintain 100ft minimum horizontal separation
- Tandem Instructors will physically escort each passenger to the aircraft
- Tandem Passenger Harness will be secured in jumpable configuration before boarding aircraft
- Tandem RW must cease by 6,500ft AGL
- Post canopy deployment adjustment of side connectors, they will be reattached to the instructor harness D-ring

After **initial training** phase one, Sigma Tandem Instructor Presentation and the first five training jumps are successfully completed:

- ☐ Tandem Instructor Training Logbook, phase one signed with initial signature.
- ☐ Waiver (uninsured United Parachute Technologies, LLC Tandem Parachute Jumper Agreement), signed.
- ☐ Sigma Tandem Examination completed to 100% and signed with statement completed by candidate.
- ☐ USPA Membership or Foreign Equivalent with proof of D-license and Instructional Ratings.
- ☐ FAA Medical Certificate or Foreign / Military Equivalent.
- ☐ Paperwork scanned to PDF (not JPEG)

Initial Instructor Candidate Certification

- I have read the entire Vector / Sigma manual (reserve packing section exempt but highly encouraged)
- I have completed the Vector / Sigma test to a score of 100%
- I have reviewed and am thoroughly knowledgeable regarding the standard and emergency operating procedures of the Vector / Sigma tandem systems
- I agree to use the Vector / Sigma tandem systems only in the manner prescribed by uninsured United Parachute Technologies, LLC
- I agree to surrender my manufacturer and/or national federation tandem rating if I am found to have violated any of the prescribed operating procedures
- I agree to review standard and emergency procedures monthly

KEEP A COPY OF THIS SIGNED AND COMPLETED LOGBOOK FOR YOUR RECORDS. IT WILL SERVE AS YOUR RATING CONFIRMATION FOR A PERIOD OF 30 DAYS FROM THE ABOVE SIGNATURE DATE. IF YOU DO NOT RECEIVE A RATING CARD WITHIN 90 DAYS, YOUR RATING IS NO LONGER VALID. SEND THE ORIGINAL LOGBOOK TO UNINSURED UNITED PARACHUTE TECHNOLOGIES, LLC.

Initial Endorsement by UPT Tandem Instructor Examiner

I hereby certify that the above-mentioned applicant has fulfilled all requirements of the uninsured United Parachute Technologies, LLC Tandem Instructor Training Course.

Date (MM/DD/YYYY)

Print Name of UPT Examiner

Signature

Initial Instructor Candidate Certification

I hereby certify that I have been properly trained on the standard and emergency operating procedures of the uninsured United Parachute Technologies, LLC Vector / Sigma Tandem systems. I understand that any failure to comply with these standard operating procedures is grounds for the forfeiture of my manufacturer and / or national federation tandem rating.

Date (MM/DD/YYYY)

Print Name of Candidate

Signature

**Once paperwork is completed to this point (phase 1)
send in all course paperwork to Uninsured United Parachute Technologies, LLC,
immediately at sheryl@uptvector.com**

This logbook serves as a temporary certificate until the (10) jump training program is completed.

Section B: Requirements for five (5) post course tandem familiarization training jumps with experienced skydivers (Training jumps 6-10)

1. Minimum Exit Altitude: 9,000ft AGL
2. Minimum Open Canopy Altitude: 4,500ft AGL
3. No relative work
4. An experienced videographer may accompany the tandem pair, providing he or she meets the UPT minimum requirements for tandem videographers
5. The passenger must be an experienced jumper (100 jumps minimum) who has been properly briefed on the correct response to tandem emergencies (See correct passenger briefing procedure on page 2.)
6. Passenger must perform as instructed for exit, free fall, drogue fall, deployment, canopy descent and landing
7. Passenger signs logbook only when they are satisfied with the tandem instructor's performance

The spaces below are for Section B jumps

Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							
Jump	Date	Location	A/C	Altitude	Delay	Distance	Pass Wt.
Examiner Comments & Signature: Name of passenger:							

After completion of **phase two**, (10 jumps):

- ☐ Tandem Instructor Training logbook. Second endorsement (final) with jumps 6 – 10 complete.
- ☐ Any paperwork which was not submitted after initial training.
- ☐ \$50 fee for digital certification or an additional \$15 (total \$65) to receive a digital Certification and physical card.
- ☐ Paperwork scanned to PDF (not JPEG)

ANNUAL RENEWAL PROCEDURES

Sigma Tandem Instructor Ratings must be renewed annually. To apply for renewal, **you must have made at least 25 tandem jumps within the preceding 365 days, and review emergency procedures within the preceding 90 days.** It is mandatory to review the Sigma Tandem Standard Operating Procedures (SOPs) and Emergency Procedures (Eps) located in the Sigma Manual prior to making any currency jumps. This information should be reviewed every 90 days whether you are current or getting currency training. (Annual renewal with UPT is highly encouraged, though optional if current with USPA or foreign equivalent)

Probation Period

An applicant is on probation until they have completed 25 jumps, 10 of which are made after the initial training course and familiarization tandem skydives. The probationary requirements for these 15 jumps are found here in Section C:

Section C: Requirements for next fifteen (11-25) post course probationary jumps:

1. Minimum Exit Altitude: 9,000ft AGL
2. Minimum Open Main Canopy Altitude: 4,500ft AGL
3. The passenger should be of similar or lesser size than the tandem instructor
4. Maximum body weight for passenger is 200lbs
5. Maximum height for passenger is 6'0" tall
6. No relative work
7. An experienced videographer may accompany the tandem pair, providing they can exit the aircraft and skydive without interfering with the tandem
8. The passenger may be a first-time student
9. Candidate must log these 15 jumps in a personal logbook, signed by a witnessing licensed skydiver or SIGMA / VECTOR owner

Final Certification

Upon completion of the above series of jumps (a minimum total of 10), the applicant:

- 1. Obtains the signature endorsement of the Sigma Tandem or Tandem Vector examiner.
- 2. Send the original copy of this logbook to uninsured United Parachute Technologies, LLC which will then issue a payment link in order to receive their Sigma Tandem and / or Vector Tandem Instructor Rating.

Final Endorsement by a UPT Tandem Examiner

I hereby certify that the above-mentioned applicant has fulfilled uninsured United Parachute Technologies, LLC Tandem Instructor Training Program

_____	_____	_____
<i>Date (MM/DD/YYYY)</i>	<i>Print Name of UPT Examiner</i>	<i>Signature</i>

_____	_____	_____
<i>Date (MM/DD/YYYY)</i>	<i>Print Name of UPT Candidate</i>	<i>Signature</i>

(If phase one has already been sent in, please just send in pages 7 - 9 to complete the packet)