

Loadmaster & DZSO (non-training) Certification

Congratulations on being ready to apply for your Certificate D.

For your Chief Instructor to sign off your Certificate D, you're required to complete this training on being a load master and on being a DZSO for non-training operations.

LOAD MASTER

Op Regs 6.1.9

6.1.9 Loadmaster Responsibilities

The Loadmaster must be nominated by the DZSO for every load and is responsible for:

- (a) conducting a pre-jump briefing before any parachute descents are made, which covers all relevant aspects of the descent, and which includes all persons on board the aircraft including pilot and parachutists;
- (b) ensuring the airspace and DZ below is clear of conflicting air traffic and any necessary drop clearances have been obtained; and
- (c) confirming the integrity of the exit point.



THE LOAD

- Run in & Spot
- Who's doing what - no solo tracking etc
- Exit Order
- Gear Checks
- Brief Pilot on groups

STACK UP

- Weight to the prop
- Load Master by Pilot if possible

PRE FLIGHT

- Refuelled and Fuel Caps on
- Pilot has rig on
- For take off
 - Fuel on left tank
 - Flaps 10*
 - 3 balls to the wall

JUMP RUN

- 5/3 min - confirm ground conditions & TA
- Pin Checks
- Ensure exit separation

EMERGENCIES

- Jumpers can exit without pilot permission
- Pilot flies - Load Master directs
- Above 2000ft - Exit and deploy main
- Below 2000ft - Exit and deploy reserve
- Under 1000ft - Restraints on and brace for landing

THE LOAD

- Are the conditions suitable for all experience levels on the plane
- Does everyone know the run in and the spot
 - Adjust if necessary
- Jump Plans
 - Who's doing what
 - Who is allowed to do what
 - Tracking
 - Signed off to lead
 - Signed off to follow in 3 ways
 - Signed off to follow in 3+ ways
 - No solos unless approved by DZSO
 - Vertical
 - No solos unless approved by DZSO
 - No Crest
 - Max 3 way with a coach
 - Crest
 - 3-10 ways as approved by coach
 - Flat
 - Cert A + BREL 4 - approved 2 ways
 - Cert B - approved 4-10 ways
 - Star Crest - 10+ ways
 - With a tandem
 - C licence
 - Instructor & DZSO approval
 - Wingsuiting
 - As approved by coach
- Cloud Jumping
 - Min cloud base 3,000ft
 - Break off minimum 1000ft above top of the cloud when cloud is near deployment altitude
 - Min Cert B
 - All jumpers signed cloud manual
 - No movement jumps
 - Be very careful with cloud between 3,000ft and 5,000ft, as this is break off and deployment altitude
- Exit Order
 - Explain why this is the order
 - AFF
 - Big Flat
 - Small Flat
 - Big Vertical
 - Small Vertical
 - Moving groups
 - Tandems
 - Wingsuits
 - High Pulls

- NB. Moving groups have scope to be moved around depending on other groups
- No more than 2 moving groups

PRE FLIGHT

Check

- Aircraft is fuelled
- fuel caps are on
- Pilot has a rig on
- For take off
 - Fuel on left tank
 - Flaps down 10*
 - 3 balls to the wall

STACK UP

- Consider jumper weights and exit orders
- Heaviest near the prop where possible
- Load master next to pilot where possible
- All seatbelts on

JUMP RUN

- 3 minute call, confirm the following
 - GCA clearance to drop
 - Suitable weather conditions for all on board
 - Good spot
 - All jumpers on knees and Gear checks
 - Airspace below is clear before exiting (visual checks)
 - Appropriate exit separation

EMERGENCIES

- Liaise with pilot
- Assess emergencies and options
- Give clear instructions to everyone on board
- Above 2000ft - Exit and deploy main
- Below 2000ft - exit and deploy reserve
- Below 1000ft - seatbelts on, brace position

DZSO (non-training)

Skydivers with a Certificate D, who have undergone training, may be appointed by the Chief Instructor to act as the DZSO for non-training operations.

GOLDEN RULES

- **Always operate within the rules**
- **If in doubt**
 - **Go with the side of caution**
 - **Call someone more experienced**
 - **Keep it simple**

Non-Training Operations means

- No tandems
- No AFF
- No novices (Cert A)
- No training descents
 - Op Reg 11.1.3 deemed training descents
 - descents made by parachutists under the age of 18 years;
 - descents made by parachutists who do not hold a Certificate Class B;
 - night descent training as defined under ORs 9.5.1 and 9.5.2;
 - freefly training as defined under ORs 9.2.1 and 9.2.2;
 - wingsuit training as defined under ORs 9.4.1 and 9.4.2;
 - orientation flights;
 - CRW training as defined under ORs 9.3.1 and 9.3.2;
 - water jump training;
 - conversion training;
 - high performance landing training under OR 9.10.1; and
 - basic canopy training as recommended by TOM Appendix G/H/I.

DZSOs are responsible for

- Ensuring all operations are conducted in accordance with
 - APF regulations
 - The operation's Safety Management System (SMS)
- Appointing for each load
 - Load Master
 - GCA
 - TA (if required)
- Ensuring all jumpers are
 - Current APF members with waivers signed
 - Qualified for and capable of the descents they are doing
 - Accounted for after their descents
- Ensuring the aircraft is properly prepared for skydiving
- Ensuring equipment being used complies with OR part 7