



NORTH SHORE MODEL AERO CLUB

CLUB TRAINER POLICY 2021

PURPOSE

This Policy explains the management, operation and use of the Club Trainers and associated gear at the North Shore Model Aero Club Inc Flying Field, 60 Green Rd, Dairy Flat.

SCOPE

This policy applies to the establishment, use and maintenance of the Club Trainer Model Fleet and associated gear.

POLICY

The Club owns and maintains a Fleet of Club Trainer Models and associated Radio Gear. These Models are available for Dual Training of New Members and Members who have not yet obtained their Wings Qualification. The Model Fleet and associated gear is maintained and serviced by the Club Captain or a nominated Fleet Manager.

TRAINING FLEET

The Club currently owns the following Models and Radio Gear.

The models and gear are housed in the white Container.

Batteries are also stored in the white container in LiPo safe container

1. The eFlite 'Turbo Timber' is our Primary Trainer Model. It is not suitable for Wings Tests as it has on-board stabilisation which cannot be disabled without replacing the Rx. The on-board stabilisation is of low gain and it is very suitable for Ab-Initio Training. It has its own Smart LiPo Battery and if other batteries are used the C of G should be checked before flight. The Manual for this model is stored on our Google 'One Drive'.
2. The eFlite 'Timber X' is a smaller cousin of the 'Turbo Timber'. It has all the same features of the 'Turbo Timber'. It is also not suitable for Wings Tests having on board stabilisation which cannot be disabled. The Manual for this model is stored on our Google 'One Drive'.
3. The 'Das Ugly Stik' is a large electric powered model scratch built from a Laser Cut short kit. It is suitable for advanced training for those who want to try aerobatics and have passed their Wings Test. If flown slowly and sedately it is also suitable for normal training for those Pilots who have already mastered the

Turbo Timber. It also requires a 4s 5000mah battery. Any smaller battery will normally require the addition of nose weight to compensate for the lower battery weight which affects the C of G. There is no Manual for this model.

Only the 'Das Ugly Stik' is suitable for a Wings Test by arrangement, Pilots are expected to have their own model.

Radio Gear Use.

All Txs have SD Cards inserted which contain the latest Firmware and also a copy of each model in the fleet.

All Txs are configured for Mode 2 operation

The models may be flown using either the Instructor/Student 1 combo or the Instructor/Student 2 combo. It is recommended that the 'Turbo Timber' and 'Timber X' use Instructor 1 and the 'Das Ugly Stik' uses Instructor 2. Changing between Txs will require Rx re-binding.

Any changes in configuration and Model Setups must be authorised by the Club Captain or Fleet Manager.

Instructor 1 Radio Gear.

The Instructor 1 Tx is a Spektrum DX6 Gen 2.

The Student 1 Tx is an older Spektrum DX7. This Tx is bound to the Inst 1 Tx for the purpose of Wireless Buddy Boxing.

Both Txs have been updated with the latest FW.

Both Txs are housed in a solid and secure Safebox.

Instructor 2 Radio Gear.

The Instructor 2 Tx is a Spektrum DX6 Gen 2

The Student 2 Tx is a Spektrum DX6 Gen 2. This Tx is bound to the Inst 2 Tx for the purpose of Wireless Buddy Boxing.

Both Txs have been updated with the latest FW.

Both Txs are housed in a solid and secure Safebox.

Student 3 Radio

The Student 3 Radio is an older Spektrum DX7 Radio which is housed in the Clubhouse and is normally used by Mode 1 Pilots flying the Flight Simulator.

It is configured for Mode 1 operation but can be bound to either the Instructor 1 or Instructor 2 Tx for the purposes of training Mode 1 Students.

Use of other Radio Gear

From time to time it may be that a Student has their own model using Spektrum Radio Gear. In this case any of the Club Radios may be used for Buddy boxing the Student with their own model. This is normally achieved by reconfiguring either of the Club Instructor Tx for that model (i.e. add the model to the Tx memory) and reconfigure the Student's own Tx as the Student Tx and bind to the Instructor Tx. This reconfiguration should normally be carried out by the Club Captain or Fleet Manager.

Use and Maintenance of the Models

The Training Fleet and Radio Gear shall be maintained by the Club Captain or a nominated Fleet Manager.

The models shall only be flown by the Club Instructors for the purposes of Training Students using the Wireless Buddy Box System or for Flight Testing Models and maintaining their proficiency.

The flight worthiness of the models should be checked regularly and also be check flown regularly to ensure airworthiness.

The batteries in the Radio Txs shall be checked regularly and charged as required. Charging equipment is in the Clubhouse.

The Firmware in the Txs shall also be updated as new FW becomes available.

Authorised by North Shore Model Aero Club Inc

Date: 8th March 2022

Club Captain: Simon Austen-Smith

Signed:

A handwritten signature in black ink, appearing to be 'SA', written over a horizontal line.