

REMOTE CONTROL POWER LINE STRINGING



Typical PowerCor site in the Otways

The fishing line at the aircraft end is weighted with a couple of sinkers and a small flag. The model is launched by hand and flown to the drop zone.

Two way radio communication is used between points but the drop system is a simple failsafe method. The foreman raises a flag when the aircraft is a few seconds out from the drop zone. The flag is dropped one second after the model passes overhead. This is more reliable than a radio call and it is also more accurate. Tension on the line drags it backwards a few metres. The aeroplane returns to the launch site.

A safety briefing is held prior to engine start to explain the flight

path and the release procedure. A two way radio call is made to the drop zone prior to engine start. Another radio call is made prior to launch. Landing calls are made by the pilot (operator) turning base and on final.

**CIVIL AVIATION SAFETY
AUTHORITY Regulation
CAR Part 101-1. Excluded
category sub 2kg**

**Single pilot operation, line of
sight with small RPA (remote
piloted aircraft) Not above
400 feet, not in controlled
airspace, not above populous
area**

Flyboys

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11 spans flown in Victorian Alps -
Dartmouth to Mt Beauty Power Station



FMS Super EZ

Aircraft

**Commercially available gyro
stabilised electric powered
model aircraft, light weight
polystyrene foam airframe,
Futaba radio system, fitted
with tow release**

Wingspan	1220 mm
Weight	1.2 kg
Cruise	30 knots
Landing	15 knots
Wind Limit	20 knots
Payload	500 metres of 90kg breaking strain shark fishing line

SINGLE UAV Operation

Definition

UAV	Is a model aircraft flown for other than for sport and recreation, but within line of sight, a UAV?	
Operators Certificate	4.1 (f) OC with special limitations. VFR day only, not over populous areas, line of sight, not above 400 feet, not in controlled airspace.	
Operation.	7.1	Is operating near power lines required to be on Operators Certificate?
Approval	12.2.3	Is not required for a small UAV operated under M.A.A.A. MOP under 400 feet?
6.7	Emergency Procedures.	Flight termination system. Is programmed failsafe acceptable?
5.4	Flight testing.	What is required?