



Planning for success for agricultural aviation

4 May 2012

Omaka Aerodrome Blenheim

Environmental good practice in agricultural and associated rural aviation

Remember 15% including GST

Main points from today

- Rule conditions must be aspirational
- No zeros in biological systems
- Task specification important
- Credible verification essential

SFF Project

Project seeks to ensure that aviation activities:

- contribute to economic, social and environmental sustainability
- are undertaken using best practice
- can continue to be undertaken.

Why is this important

Agricultural aviation is:

an essential component for sustainable primary production

- application of fertilisers, agrichemicals and baits

Aviation in general delivers *services* to:

- utilities,
- Government, DOC
- Individuals

Enabling aviation activities

Pilots/ operators need to meet a range of requirements to be able to undertake operations:

- Flight safety requirements – CAA
- Product requirements – eg HSNO/ 1080
- Industry standards and CoP
- Environmental requirements – RMA



Operators work in multiple regions

Regional Meetings

Issues identified:

- “Lifestylers”
- Public perception
- Regulations around waterways/water bodies
- Notification
- Product
- Client facilities.

Guidance notes

- Sets out best practice on an issue/ topic
- Means of sharing information with a wide audience
- Undergoes rigorous development process
- Quality Planning website
 - Managed by MfE – RMLA, NZPI, LGNZ NZIS
 - www.qualityplanning.org.nz



Proof of Compliance



What is AIRCARE™?

How does it work?

AIRCARE™ is an integrated accreditation programme for all of an aviation business

Flight safety and environmental safety are brought together in one safety assurance programme

It has Risk Management as its foundation

It allows operators to take ownership

**AIRCARE™ – Environmental – Discharges –
GROWSAFE®**

**AIRCARE™ – Environmental – Discharges –
SPREADMARK™ Aerial**

**AIRCARE™ – Environmental – Discharges –
Vertebrate Toxic Agents**

**AIRCARE™ – Environmental – Amenity Values –
Noise Abatement**

Others

1. Pilot competency

Ag Pilots need:

- GROWSAFE[®] Certificate (if spraying)
- Approved Handler Certificate
- CAA Certification (Chemical Rating, Ag Rating)
- Controlled Substance Licence (if using VTAs)

All Pilots Need

- Noise Abatement Certificate

2. Organisations require a Management System that demonstrates that pilots operate in accordance with the codes of practice every time they go to work. AIRCARE™ requires a Safety Management System (SMS):

3. Third party audited

It is the organisation that is accredited not the pilots

The industry awards accreditation

The industry can take it away

AIRCARE™ relies on
partnerships with regulators and
customers

Agencies that currently require AIRCARE™

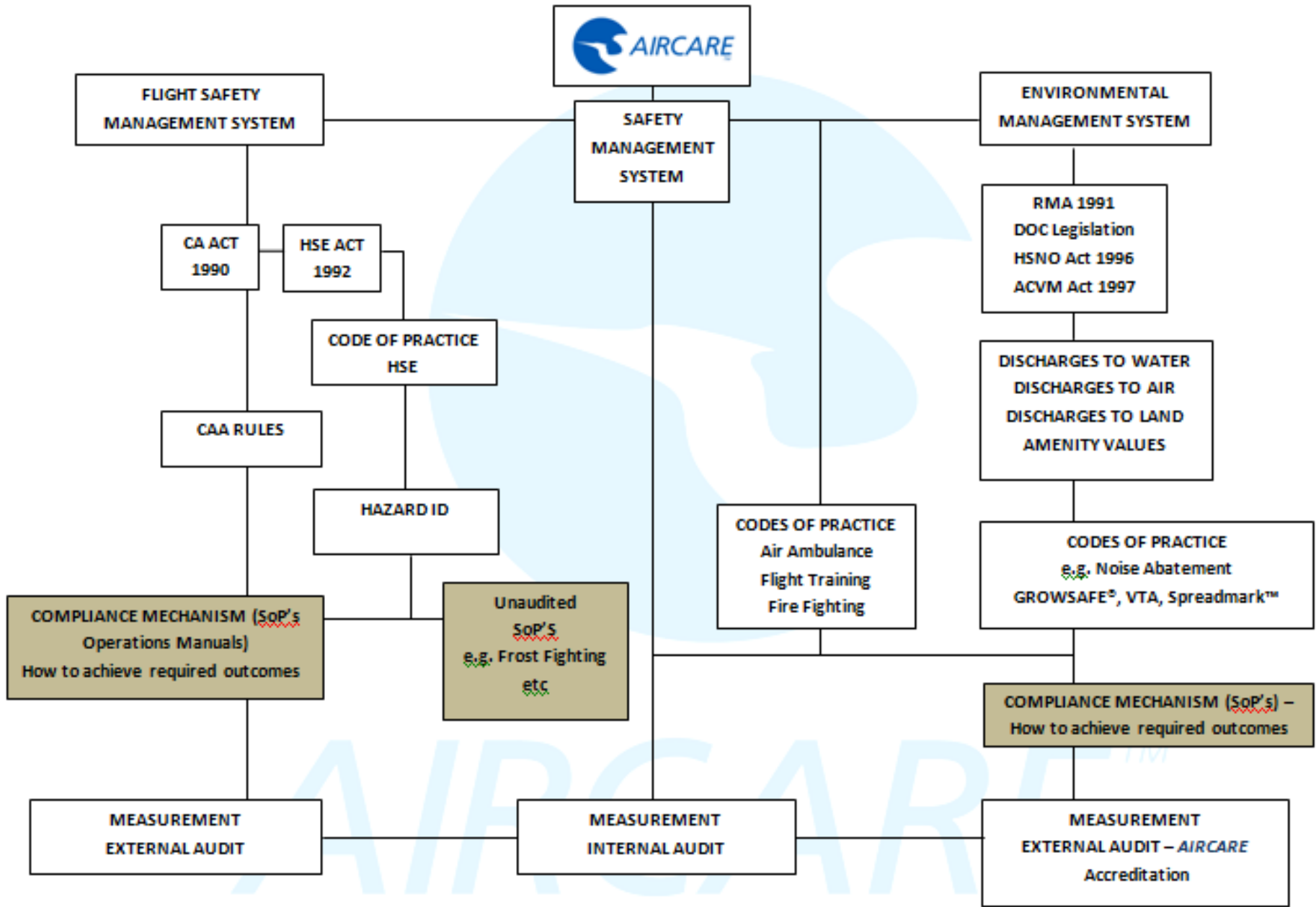
- Department of Conservation
- Landcorp
- Land Information NZ
- Animal Health Board (?)
- TEC ETS
- ACC

When Regional Councils require AIRCARE™ Accreditation as a condition for operating as a *permitted activity* the following benefits will come their way:

- Aircraft will *always be* operating iaw best practice standards
- Enforcement will require less resource
- Peace of mind for regulators
- Other?

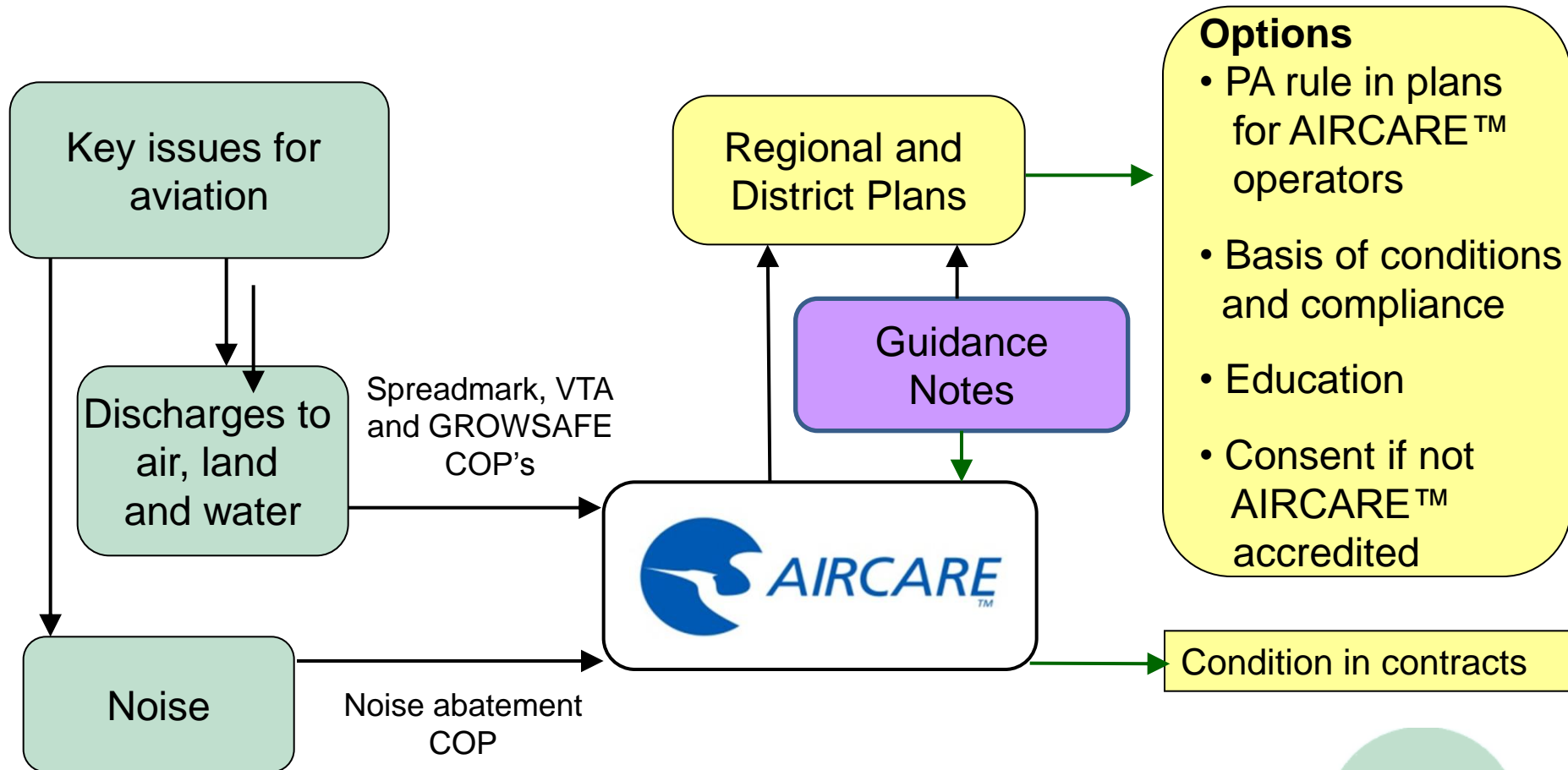


Proof of Compliance



AIRCARE™

and potential Plan linkages



Options

- PA rule in plans for AIRCARE™ operators
- Basis of conditions and compliance
- Education
- Consent if not AIRCARE™ accredited

Condition in contracts

Heading

Text (main level)

- Text (sub level)