

TRAINING INTO THE FUTURE

"360 DEGREES OF SEPARATION"



UAV
Training Australia

WHAT IS OUT THERE



- Park and Recreational flyers – out of the box training
- CASA Online Safety training
- CASA RePL – Initial licensing training
- CASA RePL – PPL / CPL Endorsement and category training
- CASA Aeronautical Radio Operator Certificate (AROC) and Aviation English Language proficiency (A-ELP)
- Organisational and Departmental
- ASQA – AVI30316 Certificate III in Aviation (Remote Pilot) VLOS
- Higher Education, Central Queensland and Griffith University



INDUSTRY VERSES EDUCATION

- Industry verses Education – training outcomes
- CASA's 5 hours on type to ASQA's 6 to 18 month VET program
- CASA's approved training organisations (ATO's) – 1 to 2 day practical with online / 5 days Face to Face – 1 day AROC plus supporting online LMS then CASA theory assessment.
- Sub 2kg training (almost non existence with the exception of RePL training platforms)
- ASQA and VETiS (QLD) – (ASQA) Timeframes 360 hours – VETiS 12-18 months years 11 & 12
- Varies from RTO – advertised 2 days practical with 7-10 days classroom (360 hours into 40???)
- Average full time 3 months to 8 to 12 months part time
- CQU and Griffith University

SYSTEM PLATFORMS VERSES TECHNOLOGY



- There is NO formal training in the understanding or operational use emerging technology within areas such as within the RePL CASA course:-
- RPAS 3 axis camera technology
- Aperture lens controls,
- Colour and FLUR profiling,
- Omnidirectional obstacle sensing and trajectory prediction algorithms
- in which training organisations need to blend both emerging technology and flight operations into their RePL syllabus and not merely flying a phantom around an oval to issue a CASA RePL sub 7 kg rating and license.

TYPICAL VET UNIT – ASQA



- 14 Units of Competency to gain full qualification
- All units currently are core units – currently no electives and clustered skill sets (watch this space)
- Broken down into Elements and Performance criteria (PC) – Required Knowledge (RK) and required Skills (RS) with assessment requirements
- Let's now look at AVIF0013 – Manage Human factor in RPAS Operations <https://training.gov.au/Training/Details/AVIF0013>

ARE WE HEADING THIS WAY

- <https://www.facebook.com/154821518504976/posts/318476498806143?s=100001895898519&v=e&sfns=mo>