

# Issue of Agricultural Rating Helicopter or

## Annual Continued Competency Demonstration



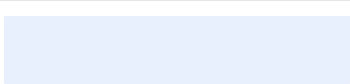
The candidate is to be assessed in as many authorisations as required; this may require more than one flight.

Upon completion, the Instructor/Examiner is to make an appropriate entry in the candidate's logbook.

Surname				CAA Participant No	
First Names					
Medical expiry date		Date of last Competency Demonstration		Chemical Rating expiry date	
<b>Issue Experience Assessment</b> (not required for annual competency demonstrations)					
Grade 2		Total flight time (200)		Pilot in Command (100 in category)	
Grade 1		Total flight time (1000 productive)		Pilot in Command (200 in category)	
Training completed for	Topdressing <input type="checkbox"/>	Spraying <input type="checkbox"/>	VTA <input type="checkbox"/>		
Identity verified <input type="checkbox"/>	Lifetime license sighted (CPL for Grade 1) <input type="checkbox"/>	Candidate's signature <span style="background-color: #e0e0ff; display: inline-block; width: 150px; height: 20px;"></span>			
<p><b>Mark item: X = not competent. Initials = competent. NC = Not checked.</b>      <b>Date</b>    /    /    /    /</p>					
<b>Personal Preparation:</b> I'm Safe, current documents, Pilot Logbook entries correct?					
<b>Aircraft Documents</b>					
Knowledge of Airworthiness Certificate					
Knowledge of Technical log					
Knowledge of Flight Manual, CAA forms 2173 & 2129					
Knowledge of relevant Airworthiness Directives					
<b>Knowledge of Part 137 rules, NZAIP, NOTAMS</b>					
<b>Helicopter Performance and Operating Requirements</b>					
<b>Power limits, height/velocity, seasonal effects on performance</b>					
<b>Fuel management:</b> required, quantity, consumption, hot refuelling requirements					
<b>Loading:</b> Determination of MAUW, product type					
<b>Pre-flight inspection:</b>					
<b>Role equipment checks:</b> Pilot Authorisations checked (CAR Part 43 App A)					
<b>Engine start; warm up; shutdown:</b> checks, fire drills					
<b>Engine checks, run and operation:</b> checks					
<b>Pre take-off checks:</b> take-off briefing, departure procedures					
<b>Lift off to hover</b>					
<b>Hover taxiing</b>					
<b>Hover manoeuvring:</b> pattern flying, IGE, OGE					
<b>Circuits:</b> translation, climbing & descending					
<b>Limited power take-offs</b>					
<b>Limited power landings</b>					
<b>Low level handling:</b> quick stops, downwind, X wind					

Slope landing & lift off		
Confined area operations		
<b>Autorotation</b>		
Autorotation - Straight in		
Autorotation - 180		
Autorotation - varying IAS & rotor speed		
Engine failure in hover		
Hydraulic system failure		
Tail rotor malfunctions		
<b>Low Level Operations Emergencies</b>		
Ground resonance awareness – applicable to type		
Power settling		
Landing area/loading area inspection from the air		
Boundary flying – treatment area inspection, estimation, hazards, third party risks.		
Spray runs		
Spray turns		
Bucket work		
VTA		
<b>Threat and error management (TEM)</b>		
<i>Radiotelephony tuning and procedures: phraseology</i>		
<b>Airmanship</b>		
<b>Lookout (critical task):</b> situational awareness, VMC		
<b>Aircraft rundown, engine shutdown</b>		
<b>Flight orientation:</b> airspace boundaries, reporting points		
<b>Post flight checks</b>		

This is to certify that \_\_\_\_\_ has successfully completed an issue/annual demonstration of competence, orally and in flight, for agricultural operations in accordance with CAR Part 61 Subpart O for the purpose of:  
 Topdressing       Spraying       VTA

Pilot logbook endorsed in accordance with CAR 61.703 or 707 ( <i>as applicable</i> )		Date	
Helicopter type		Registration	Flight time
Completed under (Part 137 or Part 141 Certificate No.)			Next competency check due
Instructor/Examiner Name			CAA Participant No
Signature			Instructor/Examiner current to:

The instructor/examiner certifying competence is to distribute copies of this form as follows:

1. Candidate
2. Instructor/examiner conducting the competency assessment
3. **Scan this form and email to [licensing@caa.govt.nz](mailto:licensing@caa.govt.nz)**, or post a copy to Licensing, Civil Aviation Authority, PO Box 3555, Wellington 6140, New Zealand