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| --- | --- |
|  | Part 137 **aeroplanes** – issue of agricultural rating or annual continued competency demonstrationUse this form for assessment of an agricultural pilot candidate for **issue of an** **aeroplane** **agricultural rating** or **annual continued competency demonstration** under [Civil Aviation Rules](https://www.aviation.govt.nz/rules/), Part 137 agricultural aircraft operations and Part 61 pilot licences and ratings. |
|  | This form is for the application of:  | [ ]  Issue |  | [ ]  Competency demonstration |  |

# Agricultural pilot candidate completes this section

Authorisation(s) to be assessed

The examiner/instructor must assess the candidate for as many authorisations as required by Part 137. This may require more than one flight.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [ ]  Agricultural grade 1 | [ ]  Agricultural grade 2 | [ ]  Topdressing | [ ]  Spraying | [ ]  VTA |

Candidate’s details

|  |  |  |  |
| --- | --- | --- | --- |
| First names |       | Email |       |
| Surname |       | CAA ID no. |       | Mobile |       |
| Medical certificate expiry | Click or tap to enter a date. | Last competency demonstration | Click or tap to enter a date. |
| Chemical rating expiry | Click or tap to enter a date. |  |

Issue of agricultural pilot rating experience assessment – refer AC 61-15 *Don’t* complete this section if you’re undertaking an annual competency demonstration.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grade 2** | Yes [ ]  No [ ]  | Total flight experience  |       | Grade 2- total flight experience 200 hours and minimum 100 hours PIC prior to commencing training IAW CAR Part 61.701 (a)(2) |
| Pilot in command aeroplane  |       |
| Total agricultural training flight time |       |
|  |  |  |  |  |
| **Grade 1** | Yes [ ]  No [ ]  | Total productive flight time  |       | Grade 1 - minimum 1000 hours productive incl minimum 200 hours PIC in appropriate category of A/C IAW CAR Part 61.701 (b)(2) |
| Pilot in command aeroplane  |       |

Training completed

|  |  |  |
| --- | --- | --- |
| [ ]  Topdressing | [ ]  Spraying | [ ]  VTA |

|  |  |  |  |
| --- | --- | --- | --- |
| Assessment date | Click or tap to enter a date. | Candidate signature |  |
|  |  |

# Flight examiner or E-category agricultural instructor completes this section

|  |
| --- |
| If the candidate’s assessment is successful, email us this completed form to lic.applications@caa.govt.nz |

Examiner/instructor’s details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name |       | CAA ID no. |       | Licence/rating current to: | Click or tap to enter a date. |

Confirmation of completion

|  |  |  |  |
| --- | --- | --- | --- |
| Candidate’s | [ ]  Identity verified | Copy of this form provided to | [ ]  Candidate |
|  | [ ]  Lifetime license sighted (CPL for Grade 1) |  | [ ]  Examiner/instructor conducting competency assessment |
| Pilot logbook endorsed (rule 61.703 or 61.707) | Yes [ ]  No [ ]  |  |
| Aeroplane type |       | Flight 1 date | Click or tap to enter a date. | Flight 1 time |       |
| Registration |       | Flight 2 date | Click or tap to enter a date. | Flight 2 time |       |
| Completed under Part 137 or Part 141 certificate no. |       | Next competency check is due | Click or tap to enter a date. |

Certification

|  |
| --- |
| I certify that the candidate has successfully completed an issue/annual demonstration of competence assessment below, orally and in flight, for agricultural operations in accordance with Part 61 Subpart O for the purpose of: |
| [ ]  Agricultural grade 1 | [ ]  Agricultural grade 2 | [ ]  Topdressing | [ ]  Spraying | [ ]  VTA |

|  |  |  |  |
| --- | --- | --- | --- |
| Date certified | Click or tap to enter a date. | Examiner/instructor electronic signature |  |
|  |  |

| Examiner/instructor’s assessment |  |
| --- | --- |
| Competent | Not competent | Not checked |
| Personal preparation  |
| Safe, has current documents, and pilot logbook entries correct | [ ]  | [ ]  | [ ]  |
| Aircraft documents |
| * Knowledge of airworthiness certificate
 | [ ]  | [ ]  | [ ]  |
| * Knowledge of technical log
 | [ ]  | [ ]  | [ ]  |
| * Knowledge of flight manual, CAA forms 2173 & 2129
 | [ ]  | [ ]  | [ ]  |
| * Knowledge of relevant airworthiness directives
 | [ ]  | [ ]  | [ ]  |
| * Knowledge of Part 137 rules, NZAIP, NOTAMs
 | [ ]  | [ ]  | [ ]  |
| Aeroplane performance and operating requirements |
| Airstrips: selection, condition, suitability - known take off & landing distance available | [ ]  | [ ]  | [ ]  |
| Climatic and seasonal effects on performance | [ ]  | [ ]  | [ ]  |
| Fuel mgmt: required, quantity, consumption, hot refuelling reqmts | [ ]  | [ ]  | [ ]  |
| Emergency airstrip options and considerations e.g. fuel | [ ]  | [ ]  | [ ]  |
| Loading: determination of MAUW, C of G position | [ ]  | [ ]  | [ ]  |
| Pre-flight inspection  | [ ]  | [ ]  | [ ]  |
| Role equipment checks: pilot authorisations checked (Part 43 App A) | [ ]  | [ ]  | [ ]  |
| Engine start; warm up; shutdown: checks, fire drills | [ ]  | [ ]  | [ ]  |
| Taxiing and brake check: speed, instruments, parking | [ ]  | [ ]  | [ ]  |
| Engine checks, run, and operation: checks, smooth ops | [ ]  | [ ]  | [ ]  |
| Pre take-off checks: take-off briefing, departure procedures | [ ]  | [ ]  | [ ]  |
| Takeoff |
| * Normal
 | [ ]  | [ ]  | [ ]  |
| * Crosswind
 | [ ]  | [ ]  | [ ]  |
| * Downwind / slope
 | [ ]  | [ ]  | [ ]  |
| Engine failure techniques- quick reaction items |
| * Decision Points
 | [ ]  | [ ]  | [ ]  |
| * Jettison / use of flap
 | [ ]  | [ ]  | [ ]  |
| Emergency / jettison procedures |
| * Decision Point. Full or Partial
 | [ ]  | [ ]  | [ ]  |
| * Use of Flap / Trim
 | [ ]  | [ ]  | [ ]  |
| Dispersal system malfunction or failure (manual/auto) | [ ]  | [ ]  | [ ]  |
| Climbing: attitude, trim, lookout | [ ]  | [ ]  | [ ]  |
| Medium turns: angle of bank, coordinated, reference point | [ ]  | [ ]  | [ ]  |
| Climbing turns: angle of bank, lookout | [ ]  | [ ]  | [ ]  |
| Steep turns: coordinated, power, reference point | [ ]  | [ ]  | [ ]  |
| Max rate turns: coordinated, power, reference point | [ ]  | [ ]  | [ ]  |
| Stalls in basic and power-on configurations |
| * Basic
 | [ ]  | [ ]  | [ ]  |
| * Power on configuration / Climbing Turn
 | [ ]  | [ ]  | [ ]  |
| * Wing drop
 | [ ]  | [ ]  | [ ]  |
| * Steep turn
 | [ ]  | [ ]  | [ ]  |
| Forced landing without power: control, field, plan, checks | [ ]  | [ ]  | [ ]  |
| Forced landing with power: control, configuration, field | [ ]  | [ ]  | [ ]  |
| EFATO | [ ]  | [ ]  | [ ]  |
| Descent: profile as required, lookout | [ ]  | [ ]  | [ ]  |
| Descending turns: angle of bank, lookout | [ ]  | [ ]  | [ ]  |
| Steep gliding turns: speed, angle of bank, lookout | [ ]  | [ ]  | [ ]  |
| Flap usage and/or sideslip: operation, speed | [ ]  | [ ]  | [ ]  |
| Joining the circuit: checks, procedure, situational awareness | [ ]  | [ ]  | [ ]  |
| Approach and landing  |
| * Normal
 | [ ]  | [ ]  | [ ]  |
| * Flapless
 | [ ]  | [ ]  | [ ]  |
| * Cross-wind
 | [ ]  | [ ]  | [ ]  |
| * Downwind
 | [ ]  | [ ]  | [ ]  |
| Approach and go-round: procedure sequence | [ ]  | [ ]  | [ ]  |
| General assessment |
| Sowing /spreading height  | [ ]  | [ ]  | [ ]  |
| GPS operation | [ ]  | [ ]  | [ ]  |
| Threat and error management (TEM)  | [ ]  | [ ]  | [ ]  |
| Radiotelephony tuning and procedures: phraseology | [ ]  | [ ]  | [ ]  |
| Lookout (critical task): situational awareness, VMC | [ ]  | [ ]  | [ ]  |
| Flight orientation: airspace boundaries, reporting points | [ ]  | [ ]  | [ ]  |
| Pilot judgment: performance, clearances, emergencies | [ ]  | [ ]  | [ ]  |
| Aircraft operated at all times appropriately for the task being carried out and IAW AFM limitations | [ ]  | [ ]  | [ ]  |
| Post flight checks | [ ]  | [ ]  | [ ]  |
| Comments (describe conduct of flight, e.g. scenario) Type in the grey area (which expands to provide more space)      |