**Instructor rating**

**Aerial application (day) rating training endorsement**

##### Version 1.0

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Revision history

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## Syllabus Notes

### Overview of training course

The holder of an aerial application rating (day) training endorsement is authorised to conduct the following activities (category specific); Conduct flight training for an aerial application rating (day) in an aircraft of the specified category (CASR 61.1175(1))

* + - Conduct flight training for an aerial application endorsement mentioned in part 1 or 2 of table 61.1120, for the specified aircraft category Conduct an aerial application rating (day) flight review (CASR 61.1175(6))

The aerial application (day training endorsement is item 12 of table 61.1235 of CASR Part 61. For the purposes of this document, TE means training endorsement.

A course of training for the aerial application rating (day) TE provides training and guidance to the applicant on conducting the activities mentioned above as well as ensuring that the applicant has the requisite knowledge and skills.

An applicant for an aerial application rating (day) TE is required to demonstrate competency conducting instruction in a flight test conducted by a fight examiner to the standards in the Part 61 Manual of Standards (MOS). These standards are prescribed in the following units that are found in Schedule 2 of the Part 61MOS:

* + - NTS1 – Non-technical skills 1
    - NTS2 – Non-technical skills 2
    - FIR4 – Conduct aeronautical knowledge training and flight training
    - FIR-TE12 – aerial application rating (day) training endorsement

The applicant must also demonstrate extensive knowledge of the units of competency published in the Part 61 MOS for the grant of an aerial application rating (day) and aerial application endorsements – refer to subpart 61T of CASR.

The ground and flight training summary for FIR TE12 aerial application rating (day) training endorsement, assumes the applicant already holds a flight instructor rating (category specific), with at least one other training endorsement.

However, if this is the first training endorsement to be granted, the applicant will require extensive additional ground and flight training to prepare them for airborne instructional activities. Any additional training is outside the scope of this sample syllabus and reference should be made to AC 61-07 for training material that cover topics related to an initial flight instructor rating. These will include instruction addressing the content of unit FIRC preparatory to undertaking the FIR examination and the suite of FIR tutorials detailed in the annexes to AC 61-07. Reference to the FIR tutorials may be useful for revision purposes even if this training is not for an initial rating.

A training record must be completed for all ground and flight training undertaken by the applicant for the low-level rating training endorsement.

A course completion certificate must be issued to the applicant by the operator when the training has been successfully completed.

The following notes provide guidance to operators on conducting training for an aerial application rating (day) training endorsement. Training in these topics should adequately prepare an applicant for the flight test for the aerial application rating (day) training endorsement. It is not exhaustive and operators may choose to include additional lessons in their syllabus.

The focus of every lesson in the syllabus is flight instructor training and uses the operator’s applicable ground or airborne training events as a blueprint for the training.

All flying for the applicant should be in the instructor control seat.

Appropriate fault analysis and intervention/recovery techniques should be included in flight training.

### Course content

* + - Aeronautical knowledge review
    - Ground training
    - Flight training (including post-flight debriefing and administration)

#### Aeronautical Knowledge - Review

##### Lessons TE12-1 and TE12-2

* + - Review the applicant’s knowledge of the structure, content and context of the Part 61 licence and rating standards as they apply to training for a low-level rating or endorsement
    - Review the applicant’s underpinning knowledge described in units of competency for aerial application (day) rating and endorsements AAGR and AAGA and AAGH, LL-A and LL-H as applicable

#### Ground Training

##### Lessons TE12-3 to TE12-5

* + - Provide an overview of the privileges, limitations and obligations of the training endorsement
    - Provide guidance on the administration requirements, including use the correct documentation, relating to the issue of endorsements
    - Review the principles and application of competency-based training and assessment using the required units for the aerial application rating
    - Provide guidance on preparing lesson plans and pre-flight briefs for aerial application rating (day) training

#### Flight Training

##### Lesson TE12-6 – Instructor control seat familiarisation

* + - Experience shows trainee instructors require recent and competent handling skills in the instructor control seat before they are introduced to learning new skills associated with airborne instructional technique (AIT). This is best achieved during isolated training in the instructor control seat without the complication of AIT learning. One flight has been included in the training course; operators may assess an applicant as requiring more than this one flight on a case by case basis.
    - The flight should include briefings and flight covering aircraft basic, advanced and emergency handling from the instructor control seat with focus on manoeuvres relevant to the aerial application training endorsement. There should be some emphasis on recognition and recovery from undesired aircraft state.

##### Lessons TE12-7 to TE12-9

* + - Whilst the training summary has made allowance for one long brief demonstration and read back, the applicant should be guided in the preparation of additional long briefs as per the operator aerial application syllabus. Opportunity should be provided for these briefs to be read back by the applicant and assessed by the instructor at the appropriate point in the training. The long briefs should address the required knowledge in AA1 and AA2 as applicable and LL-A and LL-H as applicable.
    - Long brief demonstration and read back.
      * Before demonstrating a long brief, the instructor should take time to explain the context of the lesson to the applicant. Discuss the actual lesson plan for the long brief, where it fits into the aerial application rating syllabus and any training aids that will be used.
      * The instructor demonstration of the long brief must include the performance criteria and applicable underpinning knowledge from relevant units.
      * Encourage the applicant to take notes but also participate as the student pilot would do.
      * On completion of the demonstration, summarise the stages of the lesson and allow for questions from the applicant.
      * The applicant read back should be conducted after they have had the opportunity to prepare and practice. The instructor should role play a student pilot during the read back.
      * On completion of the read back, the instructor must de-brief the applicant on their performance against the performance criteria.
      * Where the applicant has not achieved the required standard, the performance criteria must be covered during an additional long brief lesson.
      * The instructor should demonstrate the long brief for the first lesson (TE12-10). The applicant should develop long briefs for the remainder of the lessons and be provided opportunity to read them back throughout the training course. If the applicant is unable to develop a particular brief without assistance, the instructor should provide further guidance including demonstration, this would be expected if this is the applicants first training endorsement.
    - Pre-flight briefing demonstration and read back.
      * Before demonstrating a pre-flight brief, the instructor should take time to explain the context of the lesson to the applicant. Discuss the actual content of the pre-flight brief, and any training aids that will be used.
      * On completion of the demonstration, summarise the structure and delivery method of the pre-flight brief and allow for questions from the applicant.
      * The applicant read back should be conducted after they have had the opportunity to prepare. The instructor should role play a student pilot during the read back. The read back should be followed by a de-brief from the instructor against the performance criteria.
      * The pre-flight brief should introduce reference to elements/performance criteria from units AA1 or AA2, as appropriate to the stage of training/lesson and NTS1 and NTS2 where applicable.

##### Lessons TE12-10A to TE12-11A and TE12-10H to TE12-11H (category specific)

* + - Before demonstrating the in-flight lessons, the instructor should explain the sequence of the training elements and provide insight into appropriate delivery techniques. The in-flight demonstrations should be broken into logical elements with each demonstration followed by an opportunity to read back by the applicant. On completion of the in-flight lessons, the instructor should debrief the applicant against the performance criteria.
    - The aim of the lessons is to demonstrate to the applicant airborne instructional technique whilst conducting aerial application operations. Emphasis should be put on how to use applicable airborne instructional technique in the aerial application environment.
    - For helicopters, use of underslung bucket and application method as an external load should be included.
    - All pre-flight briefings and in-flight lessons must include relevant elements from NTS1 and NTS2 and where appropriate, elements in units LL-A and LL-H as applicable.
    - The blueprint for the lesson should come from the operators training syllabus.

##### Lessons TE12-12A to TE12-14A and TE12-12H to TE12-14H (category specific)

* + - Elements from units AA1 and AA2 as applicable have been identified in the sample syllabus however the operator syllabus can be used as the blueprint for the lessons whilst ensuring that all of the elements in AA1 and AA2 are included. The applicant must be provided with more than one opportunity to demonstrate pre-flight brief and airborne elements.
    - The instructor should demonstrate the use of scenarios in the training and encourage the applicant to develop scenarios to support the ground and in-flight lessons. The lessons should place emphasis on risk management and recognition and recovery from an undesired aircraft state. Additionally, the instructor should guide the applicant in how to develop decision making skills with their students.
    - The instructor should introduce common errors in lesson TE12-13 & TE12-14 to enable the applicant to recognise student errors, analyse the root cause and deliver remedial training.
    - Consolidate airborne instructional technique in the aerial application environment.

##### Firefighting endorsement (optional)

The sample course assumes the applicant has completed the aerial application rating training endorsement course and so has some expertise in delivering ground and airborne instruction.

##### Lessons TE12-15A to TE12-17A and TE12-15H to TE12-17H

* + - Firefighting operations (category specific) Long Brief – Demonstration
    - Firefighting operations (category specific) Long Brief – Read back
    - The instructor should demonstrate the long brief for the in-flight first lesson (TE12-15). The applicant should develop long briefs for the remainder of the lessons and be provided opportunity to read them back throughout the training course. If the applicant is unable to develop a particular brief without assistance, the instructor should provide further guidance including demonstration.
    - In lesson TE12-17, the applicant should prepare and deliver a long brief addressing elements AA4.1 to AA4.5 or AA5.1 to AA5.5 as applicable.
    - For helicopters, lessons should cover either bucket long line or belly tank/snorkel operations or both if applicable to the operation
    - The instructor should role play a student pilot during the read back. On completion of the read back, the instructor must de-brief the applicant on their performance against the performance criteria. Where the applicant has not achieved the required standard, the performance criteria must be covered during an additional long brief lesson.
    - The applicant brief should emphasise the importance of fatigue and risk management.

##### Lessons TE12-18A to TE12-21A and TE12-18H to TE12-21H

* + - Before demonstrating the in-flight lessons, the instructor should explain the sequence of the training elements and provide insight into appropriate delivery techniques. The in-flight demonstrations should be broken into logical elements with each demonstration followed by an opportunity to read back by the applicant. On completion of the in-flight lessons, the instructor should debrief the applicant against the performance criteria.
    - The aim of the lessons is to demonstrate to the applicant airborne instructional technique whilst conducting firefighting operations. Emphasis should be put on how to use applicable airborne instructional technique in the firefighting environment.
    - The instructor should demonstrate the use of scenarios in the training and encourage the applicant to develop scenarios to support the ground and in-flight lessons. The lessons should place emphasis on risk management and recognition and recovery from an undesired aircraft state. Additionally, the instructor should guide the applicant in how to develop decision making skills with their students.
    - All pre-flight briefings and in-flight lessons must include relevant elements from NTS1 and NTS2 and where appropriate, revision of elements in units LL-A and LL-H as applicable.
    - For helicopters, the lesson should cover either bucket long line or belly tank/snorkel operations or both if applicable to the operation
    - Where the applicant has not achieved the required standard, the performance criteria must be covered during an additional in-flight lesson.

The applicant for the aerial application rating training endorsement should demonstrate flying techniques and procedures to the standard, prescribed in Appendix 8 of the Part 61 MOS, at all times during flight training sessions and be cognisant of the elements specified in units NTS1 and NTS2.

## Guidance for all training courses

This training course covers the relevant aeronautical knowledge, practical flight skills and underpinning knowledge units and elements that are prescribed in the Part 61 MOS.

Each training course should be tailored to the needs of the applicant, taking into account the applicant’s entry level competencies and knowledge and any previous training.

Appropriate recognition of prior learning and current skills should be applied to the content of the training and documented accurately in the training records.

The training course has the following components:

* ground and flight training summary
* planning matrix
* progress and achievement record
* lesson plans and training record (combined)
* course completion certificate.

#### Ground and flight training summary

The summary table lists each training session with a reference, its description and the allocated time.

The summary table includes sufficient flight training to meet the requirements that would otherwise be required for the grant of the rating and endorsement in accordance with Part 61. It is a template and can be adjusted according to the entry level of the applicant and the training he or she needs to undertake to satisfy the prescribed competency standards in Schedule 2 of the Part 61 MOS.

#### Planning matrix

The planning matrix sets out the order in which the units and elements of training are presented as well as the anticipated performance standards for each lesson. It is a model plan and can be adjusted according to the needs of the applicant at the time the training is being conducted.

#### Achievement record

The achievement record is a record of the applicant achieving the practical flight standards prescribed for the rating and endorsement. The record should be progressively completed when the applicant has satisfactorily demonstrated competency for the unit and element on at least two occasions.

Applicants must achieve competency at performance standard 1 in each element of each unit in this achievement record. The performance criteria for the elements are prescribed in Schedule 2 of the Part 61 MOS.

The applicant may demonstrate competency using a combination of training course assessments and assessments of current competency achieved through prior training and operational experience.

The instructor conducting the training and assessments must certify that competency has been achieved by entering the details in achievement record entering their ARN, signature and the date when the applicant achieved the required competency performance standard.

#### Lesson plans and training record

A lesson plan is provided for each lesson listed in the planning matrix. Each lesson plan details the aeronautical knowledge topics and relevant underpinning knowledge topics that should be covered. The lesson plans include a breakdown of the estimated time required for the long briefing and pre-flight briefing, where applicable.

The resources described in the lesson plan can be modified with suitable equivalent resources.

The underpinning knowledge topics are taken from the relevant sections of the units of competency.

The practical flight training section details the units and elements covered by the lesson that are prescribed in Schedule 2 of the Part 61 MOS. The relevant general instructor units are FIR1, 2 and 3; however, these have been consolidated into a new draft unit FIR4 that is attached along with unit FIR- TE12 at Appendix B. FIR-TE12 is the unit for the aerial application (day) training endorsement. The underpinning knowledge topics are also taken from this draft unit. Reference is also made to applicable units in Schedule 2 of the Part 61 MOS.

The lesson comments and outcomes section of the lesson plan and training record should record the performance of the applicant in the particular lesson. Where the applicant has not achieved the standard in any or all of the elements, particular note must be made of the elements or performance criteria where the applicant requires further or remedial training. Additionally, the instructor trainer must clearly indicate that the applicant can proceed to the next lesson sequence.

#### Course completion certificate

A sample course completion certificate is included.

## Ground and flight training summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LESSON NUMBER** | **MOS REF** | **LESSON DESCRIPTION** | **GROUND HOURS** | **DUAL HOURS** | **TOTAL PROG FLIGHT TIME** |
| **For Initial issue of Flight instructor Rating (if required)** | | | | | |
|  |  | FIRC - Principles and Methods of Instruction and Legislation | 12.0 |  |  |
|  |  | Short Theory Lessons (Aviation based - refer to course notes) | 12.0 |  |  |
|  | | **Aeronautical Knowledge - Review** |  |  |  |
| TE12-1 | FIR-TE12.1 | Review - Part 61 & Part 61 MOS for aerial application rating & Aerial application proficiency check | 1.5 |  |  |
| TE12-2 | FIR-TE12.3 | Review – Units AAGR, AAGA and AAGH as applicable and underpinning knowledge required for units LL-A, LL-H as applicable | 3.0 |  |  |
|  | | **Ground Training** |  |  |  |
| TE12-3 | Part 61T & FIR- TE12 | Briefing - Privileges and limitations of the Aerial application rating training endorsement.  Administration procedures and responsibilities including issue of endorsements | 1.5 |  |  |
| TE12-4 | FIR-TE12.1 | Review – Knowledge of competency based training as applied to aerial application rating training | 1.5 |  |  |
| TE12-5 | FIR-TE12.4 | Briefing/Discussion – Preparing a lesson plan and pre- flight brief for an aerial application rating training lesson | 1.5 |  |  |
|  | | **Flight Training** |  |  |  |
| TE12-6 | FIR-TE 12 | Conduct aircraft basic, advanced and emergency handling from instructor control seat | 1.0 | 1.5 | 1.5 |
| TE12-7 | FIR-TE12.2; FIR- TE12.3; AA1; AA2;LL-A;LL-H | Aerial application operation - helicopter or aeroplane (as applicable) – Long Brief - Demonstration | 2.0 |  |  |
| TE12-8 | FIR-TE12.2; FIR- TE12.3; AA1; AA2; LL-A;LL-H | Aerial application operation aeroplane or Helicopter (as applicable) – Long Brief – Read back | 2.0 |  |  |
| TE12-9 | FIR-TE12.2; FIR- TE12.3; AA1; AA2;LL-A;LL-A;LL- H | Aerial application operations - helicopter or aeroplane (as applicable) – Pre-flight brief – Demonstration and Read back | 1.0 |  |  |
| TE12-10A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA1;LL-A | Aeroplane – Elements AA1.1, AA1.2, AA1.3, AA1.6, AA1.7, AA1.9, AA1.11, AA1.14– pre-flight brief and airborne lesson Demonstration | 1.0 | 1.5A | 3.0A |
| TE12-11A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA1;LL-A | Aeroplane – Elements AA1.1, AA1.2, AA1.3, AA1.4, AA1.6, AA1.7, AA1.9, AA1.11, AA1.14– pre-flight brief  and airborne lesson Read back | 1.0 | 1.5A | 4.5A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **LESSON NUMBER** | **MOS REF** | **LESSON DESCRIPTION** | **GROUND HOURS** | **DUAL HOURS** | **TOTAL PROG FLIGHT TIME** |
| TE12-12A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA1;LL-A | Aeroplane – Elements AA1.1, AA1.2, AA1.3, AA1.4, AA1.5, AA1.7, AA1.10, AA1.15– pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5A | 6.0A |
| TE12-13A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA1;LL-A | Aeroplane – Elements AA1.1, AA1.2, AA1.3, AA1.5, AA1.8,– pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5A | 7.5A |
| TE12-14A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA1;LL-A | Aeroplane – Elements AA1.1, AA1.2, AA1.3, AA1.8, AA1.11, AA1.12, AA1.13, AA1.16 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5A | 9.0A |
| \*TE12-15A | FIR-TE12.2; FIR- TE12.3;LL-A; AA4 | Firefighting operation - Aeroplane – Long Brief - Demonstration | 1.5 |  |  |
| \*TE12-16A | FIR-TE12.2; FIR- TE12.3; LL-A; AA4 | Firefighting operation - Aeroplane – Long Brief – Read back\*\* | 1.5 |  |  |
| \*TE12-17A | FIR-TE12.2; FIR- TE12.3; LL-A; AA4 | Briefing by applicant – Aeroplane – Elements AA4.1 to AA4.5 Read back | 1.5 |  |  |
| \*TE12-18A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-A; AA4 | Aeroplane – Elements AA4.6 to AA4.7 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.2A | 10.2A |
| \*TE12-19A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-A; AA4 | Aeroplane – Elements AA4.8, AA4.9 andAA4.10 – pre- flight brief and airborne lesson Demonstration | 1.0 | 1.5A | 11.7A |
| \*TE12-20A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA4 | Aeroplane – Elements AA4.12 and AA4.13 – pre-flight brief and airborne lesson Read back | 1.0 | 1.5A | 13.2A |
| \*TE12-21A | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-A; AA4 | Aeroplane – Elements AA4.11, AA4.14, AA4.15,AA4.16 – pre-flight brief and airborne lesson Read back | 1.0 | 1.5A | 14.7A |
| TE12-10H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA2;LL-H | Helicopter – Elements AA2.1, AA2.4, AA2.6, AA2.7, AA2.10, A2.11 – pre-flight brief and airborne lesson Demonstration | 1.0 | 1.5H | 3.0H |
| TE12-11H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA2;LL-H | Helicopter – Elements AA2.1, AA2.4, AA2.6, AA2.7, AA2.10, A2.11 – pre-flight brief and airborne lesson Read back | 1.0 | 1.5H | 4.5H |
| TE12-12H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA2;LL-H | Helicopter – Elements AA2.1, AA2.2, AA2.3, AA2.4, AA2.5, AA2.10, AA2.11 – pre-flight brief and airborne lesson Demonstration | 1.0 | 1.5H | 6.0H |

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| --- | --- | --- | --- | --- | --- |
| **LESSON NUMBER** | **MOS REF** | **LESSON DESCRIPTION** | **GROUND HOURS** | **DUAL HOURS** | **TOTAL PROG FLIGHT TIME** |
| TE12-13H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA2;LL-H | Helicopter – Elements AA2.1, AA2.2, AA2.4, AA2.5, AA2.6, AA2.8, AA2.10 – pre-flight brief and airborne lesson Read back | 1.0 | 1.5H | 7.5H |
| TE12-14H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; AA2;LL-H | Helicopter – Elements AA2.1, AA2.2, AA2.3, AA2.4, AA2.5, AA2.7, AA2.8, AA2.9, AA2.11, AA2.12 – pre-  flight brief and airborne lesson Read back | 1.0 | 1.5H | 9.0H |
| \*TE12-15H | FIR-TE12.2; FIR- TE12.3; AA5 | Firefighting operation - Helicopter – Long Brief - Demonstration | 1.5 |  |  |
| \*TE12-16H | FIR-TE12.2; FIR- TE12.3; AA5 | Firefighting operation - Helicopter – Long Brief – Read back\*\* | 1.5 |  |  |
| \*TE12-17H | FIR-TE12.2; FIR- TE12.3; AA5 | Briefing by applicant – Helicopter – Elements AA5.1 to AA5.5 Read back | 1.5 |  |  |
| \*TE12-18H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-H,AA5 | Helicopter – Elements AA5.6 to AA5.7 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.2H | 10.2H |
| \*TE12-19H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7;LL-H; AA5 | Helicopter – Elements AA5.8, AA5.9, AA5.10 and AA5.12 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5H | 11.7H |
| \*TE12-20H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-H; AA5 | Helicopter – Elements AA5.13 to AA5.17 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5H | 13.2H |
| \*TE12-21H | FIR-TE12.2; FIR- TE12.5; FIR- TE12.6; FIR- TE12.7; LL-H;AA5 | Helicopter – Elements AA5.18 to AA5.19 – pre-flight brief and airborne lesson Demonstration and Read back | 1.0 | 1.5H | 14.7H |
|  |  | **Flight Test** | **4.0** | **1.5** | **16.2 (A&H)** |

\*These lessons are applicable if the applicant holds an Aeroplane firefighting endorsement or Helicopter firefighting endorsement.

\*\*The applicant should prepare long briefings for each of the lessons TE12-18 through TE12-21 and be provided with the opportunity to read back.

## Progress and achievement record

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Trainee’s name** |  | | **Trainee’s ARN** |  |  |
| **Date training commenced** |  | | **Date of assessment of prior learning and current competency (if applicable)** |  |  |
| **Date of Aeronautical Knowledge Examination pass (if applicable)** | |  | **Date of Knowledge Deficiency Report assessment (if applicable)** | |  |

### Trainee progress record

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LESSON** | **DATE** | **STD ACHIEVED?1** | **DATE2** | **\*STD ACHIEVED?** | **DATE2** | **STD ACHIEVED?1** | **FLIGHT HOURS** | **PROG HOURS** | **INSTRUCTOR ARN AND SIGNATURE** |
| TE12-1 |  |  |  |  |  |  |  |  |  |
| TE12-2 |  |  |  |  |  |  |  |  |  |
| TE12-3 |  |  |  |  |  |  |  |  |  |
| TE12-4 |  |  |  |  |  |  |  |  |  |
| TE12-5 |  |  |  |  |  |  |  |  |  |
| TE12-6 |  |  |  |  |  |  |  |  |  |
| TE12-7 |  |  |  |  |  |  |  |  |  |
| TE12-8 |  |  |  |  |  |  |  |  |  |
| TE12-9 |  |  |  |  |  |  |  |  |  |
| TE12-10 |  |  |  |  |  |  |  |  |  |
| TE12-11 |  |  |  |  |  |  |  |  |  |
| TE12-12 |  |  |  |  |  |  |  |  |  |
| TE12-13 |  |  |  |  |  |  |  |  |  |
| TE12-14 |  |  |  |  |  |  |  |  |  |
| TE12-15 |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LESSON** | **DATE** | **STD ACHIEVED?1** | **DATE2** | **\*STD ACHIEVED?** | **DATE2** | **STD ACHIEVED?1** | **FLIGHT HOURS** | **PROG HOURS** | **INSTRUCTOR ARN AND SIGNATURE** |
| TE12-16 |  |  |  |  |  |  |  |  |  |
| TE12-17 |  |  |  |  |  |  |  |  |  |
| TE12-18 |  |  |  |  |  |  |  |  |  |
| TE12-19 |  |  |  |  |  |  |  |  |  |
| TE12-20 |  |  |  |  |  |  |  |  |  |
| TE12-21 |  |  |  |  |  |  |  |  |  |

1: Indicate YES if trainee has achieved competency in accordance with the lesson plan and can progress to next lesson, indicate NO if trainee to repeat this lesson 2: Complete when trainee repeats lesson

### Trainee competency achievement record

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ELEMENT** | **DATE** | **INSTRUCTOR NAME (PRINTED)** | **INSTRUCTOR ARN** | **INSTRUCTOR’S SIGNATURE** |
| FIR-TE12.1 - Demonstrate knowledge of competency based training as applied to aerial application rating |  |  |  |  |
| FIR-TE12.2 - Demonstrate understanding of principles and methods of instruction |  |  |  |  |
| FIR-TE12.3 - Conduct aeronautical knowledge training |  |  |  |  |
| FIR-TE12.4 - Develop briefings and plan flight training |  |  |  |  |
| FIR-TE12.5 - Conduct pre-flight briefing |  |  |  |  |
| FIR-TE12.6 - Conduct airborne training |  |  |  |  |
| FIR-TE12.7 - Conduct post-flight briefing |  |  |  |  |
| FIR-TE12.8 - Complete post-training administration |  |  |  |  |

#### Trainee’s confirmation

|  |  |  |  |
| --- | --- | --- | --- |
| I have received the training specified above and have been certified as competent and ready for flight test. | | | |
| **Trainee’s signature** |  | **Date** |  |

1. **Course completion certificate**

|  |  |
| --- | --- |
| **Name of course** | Aerial application (day) rating training endorsement |
| **Training provider name** |  |
| **Training provider ARN** |  |
| **Trainee name** |  |
| **Trainee ARN** |  |
| **Date commenced training** |  |
| **Date of final assessment** |  |
| **Certification** |  |
| **Head of Operations name or approved Course Manager** |  |
| **Signature** |  |
| **Date** |  |

**Appendix A**

**Draft competency unit – FIR4**

**{Insert copy of unit from**

**Part 61 Manual of Standards Schedule 2}**

# Appendix B

**Draft unit – Aerial application (day) training endorsement - FIR-TE12**

**{Insert copy of unit from**

**Part 61 Manual of Standards Schedule 2}**