

<b>TTT-Aviation Oy Ltd.</b>	JAR NF(A)	Page number: 1
Revision: 1	<b>Flight Training Program</b>	Revision date: 1.11.2010



# **JAR NF (A)** **Flight Training Program**

**Student:**\_\_\_\_\_

**License number:**\_\_\_\_\_

**Flight training start date:**\_\_\_\_\_

**Flight training end date:**\_\_\_\_\_

**Student pilot license valid until:**\_\_\_\_\_

**Medical certificate class:**\_\_\_\_\_

**Medical certificate valid until:**\_\_\_\_\_

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## JAR NF (A) Training program

This flight training program is in accordance with JAR-FCL 1.125 (1.12.2006) and national regulations TRG M1-1 (11.12.1999), PEL M2-1 (15.12.1999) and PEL M2-10 (24.10.1994).

### General requirements

Before commencing this training, student shall hold a class 1 or class 2 medical certificate without VCL limitation in addition to a valid Student Pilot License or a valid JAR PPL (A). In case the student has a valid Student Pilot License, whole PPL (A) training program has to be completed, including the PPL skill test, before commencing this training.

This training program shall never be taken into the aircraft for the flight!

Flight instructor ensures that this training program is kept up to date and is filled up correctly immediately after a flight has been completed.

### Aim of this training program

After this training the student shall have the basic abilities to conduct a safe night flight. He/she will understand the dangers of challenging conditions that exist at night and is able to make reasonable and safe decisions.

### Contents of the training program

Total training times are

Total time (night)	5h 00min
Dual (night)	3h 00min
Dual cross country (night)	1h 00min
PIC (night)	2h 00min

### Flight training rules and limitations

- Flight 2 shall be flown before flight 3.
- PIC flights (4 and 5) shall not be flown before flight 3.
- Acceptance for solo night flights takes place on flight 3, which shall be flown by FI(A).
- During this training following experience requirements must be met:
  - 3 hours DUAL, of which 1 hour cross country
  - 2 hours PIC, during which at least 5 full stop landings at night.

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- Night flight training shall not be given between 09:00 and 15:00 local time, and
  - Between May 10<sup>th</sup> and August 1<sup>st</sup> when operating on south side of latitude 65 degrees north and
  - Between May 1<sup>st</sup> and August 10<sup>th</sup> when operating on north side of latitude 65 degrees north.
- Night flight training shall take place during dark time which can be considered to:
  - Begin 1h 30min after sunset and end 1h 30min before sunrise when operating on south side of latitude 62 degrees north.
  - Begin 2h 00min after sunset and end 2h 00min before sunrise when operating between latitudes 62 degrees north and 65 degrees north.
  - Begin 2h 30min after sunset and end 2h 30min before sunrise when operating on north side of latitude 65 degrees north.

#### Additional training/extra flight time

- In case student needs additional training to achieve the required level, instructor must inform the chief flight instructor of this matter and a new page for the revision flight shall be printed into this training program.
- In case a flight has to be aborted for any reason not related to the progress of the student, the instructor may fill up the information of the new flight into the same flight page. Anyhow cause of the abortion has to be stated at the flight page.

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**Flight 1**      **Night cross country flight**      **DUAL**      **1:00**  
FI(A) or FI(A) restricted

This flight must be at least 1:00 of block time.

- Preparation for night flight
- Planning of the route
- Navigation techniques at night
- Use of radio navigation equipments
- Night emergencies

**Date:** \_\_\_\_\_

**Of block:** \_\_\_\_\_ **Takeoff:** \_\_\_\_\_ **Landing:** \_\_\_\_\_ **On block:** \_\_\_\_\_

**Landings:** \_\_\_\_\_ **Instrument time:** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

**Instructor signature/name:** \_\_\_\_\_ / \_\_\_\_\_

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**Flight 2      Traffic circuit at night      DUAL      1:00**  
FI(A) or FI(A) restricted

- Flight preparations
- Taxiing at night
- Use of aircraft lights
- Estimating distances, aircraft dimensions and taxiing speed
- Familiarisation with aerodrome lighting
- Take off and climb
- Positioning in traffic circuit at night
- Start of descent, position and procedures
- Use of PAPI lights
- Approach and flare with estimation based on runway lights
- Missed approach and go around

**Date:** \_\_\_\_\_

**Of block:** \_\_\_\_\_ **Takeoff:** \_\_\_\_\_ **Landing:** \_\_\_\_\_ **On block:** \_\_\_\_\_

**Landings:** \_\_\_\_\_ **Instrument time:** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
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**Instructor signature/name:** \_\_\_\_\_ / \_\_\_\_\_

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**Flight 3      Traffic circuit at night      DUAL      1:00**  
FI(A)

At this flight student shall be checked that he/she is ready to fly solo at night.

- Flight preparations
- Taxiing at night
- Use of aircraft lights
- Estimating distances, aircraft dimensions and taxiing speed
- Familiarisation with aerodrome lighting
- Take off and climb
- Positioning in traffic circuit at night
- Start of descent, position and procedures
- Use of PAPI lights
- Aircraft light failures
- Lighting failures at the aerodrome
- Approach and flare with estimation based on runway lights
- Missed approach and go around

**Date:** \_\_\_\_\_

**Of block:** \_\_\_\_\_ **Takeoff:** \_\_\_\_\_ **Landing:** \_\_\_\_\_ **On block:** \_\_\_\_\_

**Landings:** \_\_\_\_\_ **Instrument time:** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
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**Instructor signature/name:** \_\_\_\_\_ / \_\_\_\_\_

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**Flight 4      Traffic circuit at night      PIC      1:00**

Supervisor: FI(A) or FI(A) restricted

During flights 4 and 5 student must complete at least 5 full stop landings. Stopping at runway is sufficient provided that ATS-unit, other traffic and runway length permits this.

- Taxiing at night
- Take off and climb
- Powered approach
- Touch and go landings
- Low approach

**Date:** \_\_\_\_\_

**Of block:** \_\_\_\_\_ **Takeoff:** \_\_\_\_\_ **Landing:** \_\_\_\_\_ **On block:** \_\_\_\_\_

**Landings:** \_\_\_\_\_ **Instrument time:** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
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**Instructor signature/name:** \_\_\_\_\_ / \_\_\_\_\_

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**Flight 5      Traffic circuit at night      PIC      1:00**  
Supervisor: FI(A) or FI(A) restricted

During flights 4 and 5 student must complete at least 5 full stop landings. Stopping at runway is sufficient provided that ATS-unit, other traffic and runway length permits this.

- Taxiing at night
- Take off and climb
- Powered approach
- Touch and go landings
- Low approach

**Date:** \_\_\_\_\_

**Of block:** \_\_\_\_\_ **Takeoff:** \_\_\_\_\_ **Landing:** \_\_\_\_\_ **On block:** \_\_\_\_\_

**Landings:** \_\_\_\_\_ **Instrument time:** \_\_\_\_\_

**Comments:** \_\_\_\_\_  
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**Instructor signature/name:** \_\_\_\_\_ / \_\_\_\_\_



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**JAR NF (A)**

**Flight time summary**

<b>Flight</b>	<b>Total</b>	<b>+/-</b>	<b>Dual</b>	<b>PIC</b>	<b>IR</b>	<b>C/C</b>	<b>NF</b>	<b>SIM</b>	<b>Ldg's</b>
<b>1</b>									
<b>2</b>									
<b>3</b>									
<b>4</b>									
<b>5</b>									
<b>Rev.</b>									
<b>Rev.</b>									
<b>Total</b>									
<b>Ideal</b>	<b>05:00</b>		<b>03:00</b>	<b>02:00</b>	<b>00:00</b>	<b>01:00</b>	<b>05:00</b>	<b>00:00</b>	