

BL 6-46

Licence for performing agriculture flights

Edition 1, 1 January 1978

1. Drawn up in pursuance with the Ministry of Public Work's Order no. 191 of 23 May 1975, cf. BL 6-02.

2. Implementation

2.1 This BL comes into force on 1 January 1978.

3. General

3.1 Theoretical and practical training for licence for performing agriculture flights shall take place with an operator approved by the Civil Aviation Administration - Denmark to perform agriculture flights.

3.2 The training shall be headed by a holder of a licence for agriculture flights who when performing the privileges of the licence has obtained a flight time of at least 1000 hours on aircraft of the category/class in question.

3.2.1 The flight time stated in paragraph 3.2 may be reduced by 500 hours if the person in question holds an instructor rating valid for training of applicants for aircraft of the same category/class.

3.3 The training shall take place in an aircraft on which the applicant is type certified.

3.3.1 If the aircraft in question is not equipped with dual controls, or if it is single-seated, the dual instruction prescribed for the

training shall be carried out on multi-seated aircraft which at the estimate of the head of training is equipped/suitable for this.

3.4 Licence for performing agriculture flights shall be issued by the Civil Aviation Administration - Denmark upon application on an authorised form when the applicant meets the issue regulations laid down in this BL.

3.4.1 Licence for performing agriculture flights shall be issued valid for aeroplane or helicopter of the class on which the practical training/test stated for the issue was taken.

3.4.2 Licence for performing agriculture flights shall be issued without statement of period of validity.

4. Privilege

4.1 Licence for performing agriculture flights gives the holder the privilege to perform, over Danish territory:

sowing
manuring
spraying
powdering

with aircraft of the category/class covered by the licence in accordance with the regulations laid down in the area by the Civil Aviation Administration - Denmark and other relevant authorities.

4.2 The exercise of the privilege is subject to

- a. the holder holding a valid commercial pilot licence valid for the aircraft type in question,
- b. the holder being approved by the Poison Board to spread pesticides etc. from aircraft, and
- c. the holder having exercised the privileges of the licence within the last 12 months before an agriculture flight for at least 35 hours or by attestation in the log being able to document to have taken the tests stated in paragraph 5.4 within the past 12 months.

5. Issue requirements

5.1 The applicant shall hold a commercial pilot licence valid for aircraft of the relevant category/class/type.

5.2 The applicant shall have obtained a flight time as pilot-in-command of at least 500 hours of which at least half shall have been obtained on aircraft of the category to be included in the licence.

5.3 The applicant shall, under instruction/supervision, have taken the training stated in paragraph 6 with a satisfactory result and shall have obtained a flight time of at least:

- a. 15 hours' dual instruction
- b. 15 hours' solo flying and
- c. 30 hours' actual agriculture flying performed under the supervision of the person in head of the training.

5.3.1 Actual agriculture flying performed under supervision is subject to the conditions stated in paragraph 4.2 a. and b. being met.

5.4 The applicant shall prove to the person in head of the training during theoretical/practical tests to be qualified to perform the functions resting with a pilot-in-command in

connection with preparing, carrying through and termination of a agriculture flight.

6. Theoretical/practical training

6.1 Law on poison
Poison Board

6.2 Chemicals etc.

Toxicity class
Handling
Storage

6.3 Laws and regulations for agriculture flights

Operational regulations
Administrative regulations

6.4 Agriculture flight equipment

Pumps
Filters
Nozzles
Attaching and detaching
Filling
Maintenance

6.5 Corrosion

Agriculture flight equipment
Aircraft

6.6 Fuel

Storage
Tanking

6.7 Weight and balance

With agriculture flight equipment
Weight empty
MTOW
Centre of gravity

6.8 Area inspection

In maps
From the ground
From the air

6.9 Area size

Dosing
Mixture proportion

6.10 Meteorological condition at low altitudes

Thermology
Down currents
Turbulence
Wind drift
Windshear

6.11 Flying techniques

Without agriculture equipment
With agriculture equipment with/without cargo
Normal flight altitude
Low flight altitude
Agriculture flight altitude
Thermology
Down currents
Turbulence
Windshear

6.12 Distance and altitude assessment

Normal flight altitude
Low flight altitude
Agriculture flight altitude

6.13 High and low reconnaissance

Without agriculture equipment
With agriculture equipment with/without cargo

6.14 Take-off and landing

Without agriculture equipment
With agriculture equipment
Approved aerodromes
Non-approved aerodromes
MTOW

6.15 Straight flying

Without agriculture equipment
With agriculture equipment with/without cargo
Normal flight altitude
Low flight altitude
Agriculture flight altitude

6.16 Climb and glide

Without agriculture equipment
With agriculture equipment with/without cargo
Normal flight altitude
Low flight altitude
Agriculture flight altitude

6.17 Turns

Without agriculture equipment
With agriculture equipment with/without cargo
Normal flight altitude
Low flight altitude
Agriculture flight altitude

6.18 Climb and glide turns / turn-arounds

Without agriculture equipment
With agriculture equipment with/without cargo
Normal flight altitude
Low flight altitude
Agriculture flight altitude

6.19 Passage of obstacles

Without agriculture equipment
With agriculture equipment
Approach
Descent
Simulated/actual flying under wires etc.

Turbulence
Thermology
Down currents
Windshear

6.20 Simulated and actual agriculture flight

Level terrain
Large area
Small area
With/without obstacles
Turbulence
Thermology
Down currents
Windshear

6.22 Simulated and actual agriculture flight

Near woods/buildings/fixed fences/hedgerow/wires
Above woods
Below obstacles

6.21 Simulated and actual agriculture flight

Undulating terrain
Large area
Small area
With/without obstacles

6.23 Emergency procedures

With/without cargo
Dumping of fuel/cargo

7. Exemption

7.1 The Civil Aviation Administration - Denmark may in exceptional cases grant exemption from the regulations in this BL.

V.K.H. Eggers

/B. Helmø Larsen