



**EUROPEAN AVIATION SAFETY AGENCY**

# **Operational Evaluation Guidance Material (OE GM) – Flight Crew**

**Air Tractor**

**AT-402, -402A, -402B, -502, -502A, -502B, -503,  
-503A, -602, -802, -802A**

**03 January 2018**

## 1. Preamble

This Operational Evaluation Guidance Material (OE GM) – Flight Crew is provided to assist Competent Authorities, operators, training organisations, instructors and any other personnel involved in flight crew training and air operations.

This GM does not establish any regulatory requirements and does not constitute Operational Suitability Data (neither mandatory nor non-mandatory elements).

Where references are made to requirements and where extracts of reference texts are provided, these are at the amendment state at the date of publication of this document. Users should take account of subsequent amendments to any references, in particular concerning requirements for civil aviation aircrew and air operations.

Provisions contained in this document are based on specific configurations of aircraft models and equipped in a given configuration.

Modifications and upgrades to referenced aircraft may require additional considerations of those items addressed in this document.

## 2. JAA / EASA aircraft categorization for pilot licensing of the Air Tractor AT-402, -402A, -402B, -502, -502A, -502B, -503, -503 A, -602, -802, -802A models

The Air Tractor models AT-402, -402A, -402B, -502, -502A, -502B, -503, -503 A, -602, -802, -802A were categorized by the JAA as a single class rating SET under JAR-FCL 1.

This categorization was analysed by EASA and transposed (grandfathered) into the framework of EU aircrew licensing of Part-FCL. The class rating designation "AT-4/5/6/8 SET" is reflected in the EASA type rating and licence endorsement list flight crew.

## 3. FAA aircraft categorization for pilot licensing of the Air Tractor AT-402, -402A, -402B, -502, -502A, -502B, -503, -503 A, -602, -802, -802 A models

FAA regulations require a type rating for aeroplanes with a MTOW > 12500lbs (5,700kg). The FAA has exempted the AT-802/A from this requirement in conjunction with certain conditions and limitations for pilot training.

## 4. EASA Aircraft Type Designation and Pilot License Endorsement

With reference to Part-FCL, FCL.010 ('type of aircraft') and GM1 FCL.700, the AT series aircraft as shown below have been categorized as a single-engine class rating in accordance with Part-FCL.

The license endorsement is established as "**AT-4/5/6/8 SET**".

**EASA Type Rating & License Endorsement List – Aeroplanes:**

Manufacturer	Aircraft model / name	Licence endorsement	Variants	Complex	SP / SP HPA / MP	OE GM / OEB / OSD FC available	Remarks
Air Tractor Inc.	AT-402, -402A, -402B	AT-4/5/6/8 SET	X	—	SP	—	OE GM AT-4/5/6/8 SET, dated 03 Jan 2018.  Class rating SET  Class rating SET has been established by the JAA.  Training levels between AT-802/A and AT-802/A (amphibious) have not been evaluated.
	AT-502, -502A, -502B						
	AT-503, -503A						
	AT-602						
	AT-802 AT-802 A			X			
	AT-802 (amphibious) AT-802 A (amphibious)						

**5. Guidance Material for AT-802/-802A training**

EASA recommends the dissemination of information by Air Tractor to operators and training providers to take into account relevant conditions and limitations, in line with those mandated by the FAA.

The manufacturer should develop and maintain a training manual that includes the aircraft systems, performance, and handling characteristics.

Before operating the AT-802/-802 A models, pilots should complete ground instruction on the systems performance and handling characteristics of the AT-802/-802 A. Credits may be considered for pilots with a minimum of 100 hours of flight time, with at least 10 hours in the preceding calendar months performed in an AT-502 series model.

Instructors should be endorsed by Air Tractor to give this instruction, hold at least a CPL and have 500 hours of flight time in turbine-powered agricultural type aeroplanes or 1000 hours of flight time in agricultural type aeroplanes which includes at least 100 hours of flight time in an AT-502 or AT-802/A.

**6. Mentoring**

It is recommended that the first few flights of the AT-802/-802A be made at lower take-off weights with mid-range loaded c.g. and in relatively calm wind conditions.

As experience and proficiency allow, take-off weights may be increased and the c.g. range may be expanded to gain well-rounded knowledge of the handling characteristics of the aircraft in all flight, loading and atmospheric conditions.