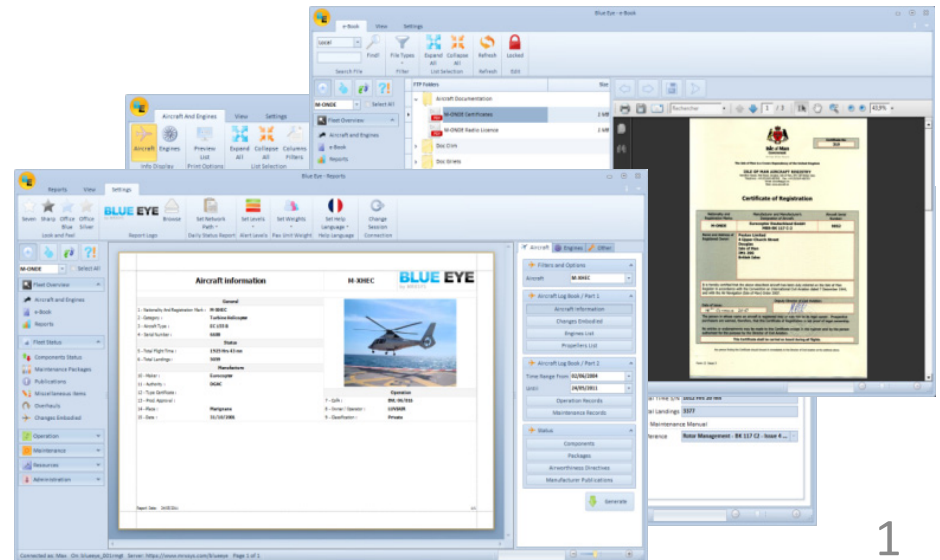


BLUE EYE SYSTEM HOW TOs

Automatic Engine Cycle Calculation





Edit and save your formulas

In the « Aircraft and Engines » module, Click on « Engines » in the main ribbon to access your engines detail information

For each concerned engine, in the « Manufacture » detail tab, Add the formulas in the group « Cycles Formulas »

S/N	Type	Position	Run Hours	Cycles Eng.	Manufacturer	Category
4454	ARRIEL 1B	Center	4888 Hrs 23 mn	0	5152,45	10331 0 Turbomeca

Manufacture Detail Tab:

- General**
 - Manufacturer: Turbomeca
 - Date: [Dropdown]
 - Manuf. Authority: [Text]
 - Production Approval: [Text]
- At Enrollment in Blue Eye System**
 - Initial Run Hours: 4232 Hrs 10 mn
 - Initial Cycles Eng.: 0
 - Initial Cycles N1: 4667
 - Initial Cycles N2: 9687
 - Initial Cycles N3: 0
- Cycles Formulas**
 - Cycles Eng.: [Text]
 - Cycles N1: $[START]*0.6 + [LDG]*0.1$
 - Cycles N2: [Text]
 - Cycles N3: [Text]

Connected as: blueeye On: beHeliAndCo Server: https://www.mrxsys.com/blueeye Nothing



Formula syntax

Available fields:

- LDG - Landings
- START - Starts
- CYENG - Engine cycles
- CYN1 - Cycles N1
- CYN2 - Cycles N2
- CYN3 - Cycles N3
- TG - Touch and Goes

Operators:

- + (Addition)
- - (Subtraction)
- * (Multiplication)
- / (Division)
- % (Modulo)

Syntax:

- Fields must be Uppercased
- Fields must be put between square brackets [FIELD]
- constant decimal values take a « . » to separate integer from decimal (for example 10.5)

Example :

Formula example for Cycles N1 :
[START]*0.6 + [LDG]*0.1

Once this formula is recorded, the « Cycle N1 » field will be calculated automatically.