ADS V4
User's Manual
Part IX
Regulation Dataset

Rev A

May 29, 2020

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1. Introduction

1.1. The root node Regulations

The Regulation dataset is created from the root node **Regulations**
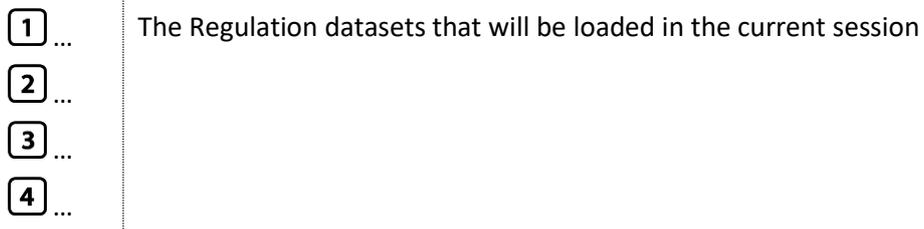

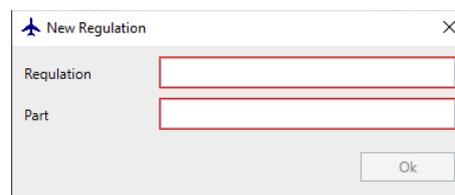| Contextual Menu :	
Right click :	
New Regulation	To create a new Regulation dataset in the current session
Open Regulation	To load a Regulation dataset in the current session
Duplicate Regulation	To duplicate a Regulation dataset and load it in the current session

Several Regulation datasets may be loaded in the same session

1 …	The Regulation datasets that will be loaded in the current session
2 …	
3 …	
4 …	

1.2. To Create a new regulation dataset in the current session

Commands :
Right click :

New Regulation	To create a new Regulation dataset in the current session

1. Enter
     a) The name of the Regulation (FAR)
     b) The name of the Part (23 Utility)
2. Click on OK

The New Regulation dataset is displayed in the TreeView
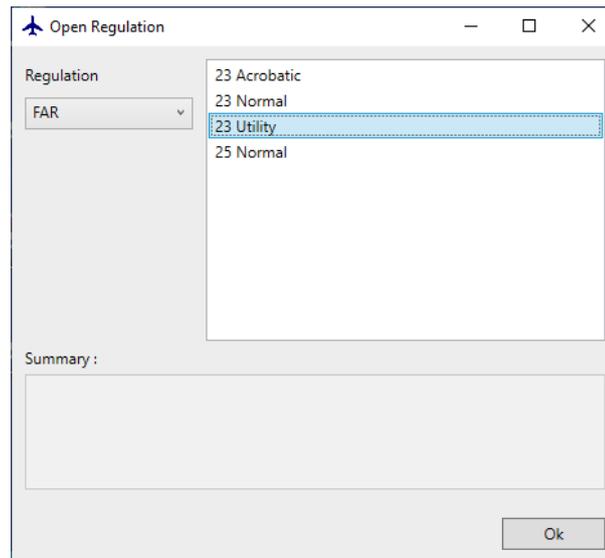
1.3. To Load a regulation dataset in the current session

Commands :	
Right click :	
Open Regulation	To load a Regulation dataset in the current session

1. Select
    a) Regulation
    to filter the list

2. Double click on the name of the Regulation dataset **or** click on the name then click on OK
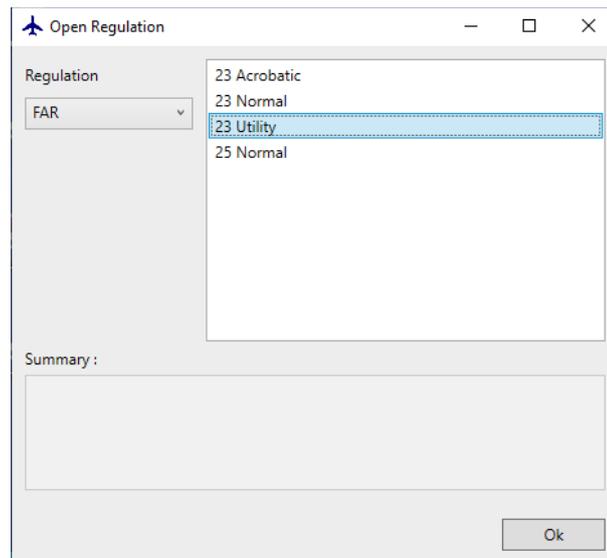
The selected Regulation dataset is displayed in the TreeView

1.4. To duplicate a regulation dataset and load it in the current session

Commands :	
Right click :	
Duplicate Regulation	To duplicate a Regulation dataset and load it in the current session

1. Select
     a) Regulation

   to filter the list

2. Double click on the name of the Regulation dataset **or** click on the name then click on OK

One copy of the selected Regulation dataset is displayed in the TreeView

2. Description

Root branch of the current dataset. The header is the concatenation of the Regulation Name and the Part.

Properties :		
General	Reference	FAR-23 Utility
	Regulation	FAR
	Part	23 Utility
Miscellaneous	Occupant	Weight of each occupant
	Occupant (Mn)	Minimum weight of one occupant
Structure – Load Factors	n_1	Positive maneuvering load factor
	n_2	Negative maneuvering load factor
	n_{Flap}	Positive maneuvering load factor with flap deflected @ V_F (flight speed with flaps fully extended)
	n_{Ld}	Landing load factor

Commands :		
Right click :		
Duplicate		To duplicate the current dataset
Remove		To remove the current dataset from the current session
Save		To save the current dataset
Save As		To save the current dataset and change its name

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