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| --- | --- | --- |
| **User Story / Requirement ID** | **User Story/Requirement Under Test** | |
| AirFlaps\_01 | I want that my air flaps have 0° to 85° degrees of opening for better flying control. | |
| ***Is it valid?*** |
| Yes |
| ***If not valid, what is the new/Extra information from Marketing/Product Owner?*** | | |
|  | | |
| **Test Case ID** | **Test Case Name** | |
| AirFlaps\_Test | Check if the air flaps opening is between 0° and 85° | |
| **Test Case Steps** | | |
| **Step Number** | **Step description** | **Expected Result** |
| Boot Iron Man suit on safe mode  (with no one on board) | Set the suit to safe mode by pressing the buttons “On”  and “Help” for 15 seconds | Boot on safe mode  successfully |
| Execute safe fly instruction | Execute a low safe fly to begin to test what is required | System starts flying on safe mode |
| Move air flaps to  0° to 85° degrees of opening | Set the commands to “Test airflaps” to check if  airflaps can turn between 0° and 85° degrees | Airflaps can succesfully move  between 0° to 85° degrees |
| Execute normal fly instruction | Execute a normal fly test to start simulating a normal  Fly when the suit is used | System starts flying on normal  Test mode |
| Move air flaps to  0° to 85° degrees of opening | Set the commands to “Test airflaps” to check if  airflaps can turn between 0° and 85° degrees | Airflaps can succesfully move  between 0° to 85° degrees |
| Execute low power fly instruction | Execute a flying test simulating low remaining power  On the device | System starts low power fly test |
| Move air flaps to  0° to 85° degrees of opening | Set the commands to “Test airflaps” to check if  airflaps can turn between 0° and 85° degrees | Airflaps can succesfully move  between 0° to 85° degrees |
| Execute safe fly test with airflaps  Blocked by an object | Execute a safe flying test simulating | System starts flying on safe mode |
| Move air flaps to  0° to 85° degrees of opening | Set the commands to “Test airflaps” to check if  airflaps can turn between 0° and 85° degrees | Airflaps cannot move  between 0° to 85° degrees.  Error message is sent |

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| **User Story / Requirement ID** | **User Story/Requirement Under Test** | |
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| ***Is it valid?*** |
|  |
| ***If not valid, what is the new/Extra information from Marketing/Product Owner?*** | | |
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| **Test Case ID** | **Test Case Name** | |
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| **Test Case Steps** | | |
| **Step Number** | **Step description** | **Expected Result** |
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**Activities on GitHub**

On the GitHub repository of your project: in teams, analyze the following user stories and create a *test case* for each of them:

1.- As Iron Man Suit Pilot, I want that my air flaps have 0° to 85° degrees of opening for better flying control.

2.- As Sith Knight, I want that my light saber firmware turns off my saber when kyber crystal gets overheated (1420°F).

*Commit your test case on your GitHub repository as it was taught on the* Introduction to Control Version *Module****.***

***Do NOT forget add this instructions file!***

Send an email to the following engineers with the link of your GitHub repository. Attached files will not be accepted.

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**Activity: TestCases; Team: <name of your team>**

Delivery date: October 5, 2019 at 22:10 hrs.