

Problems with daily training and usage - /Bug #1479

Abrupt/Shaking movement then motion goes down

09/27/2025 06:10 PM - sim tech

Status:	/FeedBack	Start date:	09/27/2025
Priority:	Medium	% Done:	0%
Assignee:	sim tech	Spent time:	0.00 hour
Category:			
Target version:			
Reporter:	Sim tech	FlightPhase:	N/A
Phone:	03063489642	100%Reproducible:	YES
PlannedFixDate:	09/28/2025	ReproductionSteps:	Init: Step: Issue: Expect:
SoftVersion:	a320-1.9.15	IssueType:	Motion&Bridge
Description upon checking we noticed that the motion cabinet turned off and no signs of power. We checked the breaker and there was a sign of burn. We were still able to power on the motion because at first we thought it just needed power cycle, and the crew still managed to engage motion, however we still continue inspecting and then we found out that there was a burnt wire on the breaker. We immediately inform CSS team and they advised us to not to use the motion temporarily and fixed the wire first. They also gave us instruction, which is to check the junction box of all 6 actuators. And everything was OK. We also sent pictures to them. CSS team next instruction is to fix the burnt wire, then power ON the motion cabinet, and lastly contact them immediately on whats app so that they can remote connect to check the logs and analyze the problem. After the fix Please ask confirmation to CSS if the sim is already Ok to use.			

History

#1 - 09/28/2025 05:51 PM - sim tech

During disassembly of the faulty breaker, We found out that the burn was caused by improper installation of the wires on the breaker. The terminal logs that holds the wires were not tight enough.
These are 3 wires in pairs that supplies the motion system in 3 phase. One of them was not tight enough resulting to imbalance supply of 3 phase.

After replacement, tested the motion and the sim was working fine with no abnormalities.

#2 - 09/29/2025 09:32 AM - Zhou Yanan

- File test.jpg added
- Status changed from /Remains to /FeedBack
- Assignee changed from Zhou Yanan to sim tech

Received. You did an excellent job! We recommend that you could purchase a tool similar to the one shown in my picture - the Power Quality Recorder - and install it at the front stage of the transformer. This will facilitate the monitoring of the overall voltage.

Files

burn.jpg	173 KB	09/27/2025	sim tech
all OK.jpg	162 KB	09/27/2025	sim tech

