Sagem introduces new-generation active side stick unit

NBAA, Orlando, FL (USA), Tuesday, October 21, 2014

At this year’s NBAA business aviation trade show and exhibition in Orlando, Florida (USA), Sagem (Safran) is introducing a prototype of its new active side stick unit (SSU) for civil airplanes and helicopters.

Incorporating a number of proprietary Sagem innovations, this side stick controller features very high dispatch reliability, a robust design that stands up to all types of contingencies and an optimized architecture supporting the real-time adjustment of force feel laws. Thanks to its stick shaker / Stick pusher function and the fine synchronization between all side stick units, this system greatly facilitates pilot/co-pilot coordination and the management of stressful situations.

Sagem’s SSU has been tested over the last few months in close collaboration with airline pilots and test pilots from major airplane and helicopter manufacturers, confirming its perfect match with flight safety and crew training requirements.

One of the world’s leading producers of flight controls, Sagem contributes to some of the most innovative aircraft of the century, including the Airbus Helicopters NH90, Embraer KC-390, Dassault Aviation Falcon 5X and Comac ARJ21 Xiangfeng.

Sagem’s active side stick unit is being showcased at Safran’s NBAA booth, with dynamic demonstrations in a flight simulator featuring a full glass cockpit.

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