



NTSB MEMORANDUM FOR RECORD

Adam Gerhardt
Air Safety Investigator
Eastern Region, Office of Aviation Safety (ERA)
National Transportation Safety Board

Date: September 30, 2019
Person Contacted: Don Coulter (Line Check Airman, Delta Private Jets)
NTSB Accident Number: WPR19FA230

Narrative:

Mr. Don Coulter was assigned to the Operations Group and reported the following excerpts via email, pertaining to Electronic Flight Bag (EFB) usage in the CE-560XL at Delta Private jets.

“In my 4+ years at DPJ on the XL and Sovereign I have never used paper charts and would say I also practice the same technique with iPad storage as I am describing below, with out any concerns or issues of it ending up in any unsafe position, this includes online and the in simulator. There’s unfortunately not a lot of places if any to store iPads in perfect view or not if block view of primary instruments. For the most part I see iPads sitting on the sides of the cockpit (captains left side shelf Co-pilots right)and during takeoff and landings pilot flying usually stores his or her ipad towards the very back of that shelf there are some that do wear leg straps but I have encountered them getting in the way of the yoke during flight control checks. Please see picture below. The red marked areas represent where I see iPads placed majority of the time. Also noted the seats are slid all the way aft in this picture.”



NTSB MEMORANDUM FOR RECORD



Figure 1: Photograph Provided, Noting in Red the Common Placement of EFB's

"During the previous administration in our safety department prior to Mark's arrival we went through a trial phase testing multiple EFB mounts in the XL's, I do not recall if we were also testing these in the different fleets as well. The short answer to the first question is no we do not use ram mounts or any other form of EBF mount, and again this is only referring to the XL's. It is a pilot option to use the leg mount, and the company does provide these by one of two means either including one with the iPad, or allowing for the individual to purchase one using his/hers company credit card.

Again we currently aren't using any sort of mount in the XL's however during the past testing phase we used suction cup side window type mount with a quick release tray and suction cup., These simply served as a mount not offering charging or ties to the aircraft systems in any way which would have required an FAA approved STC's or aircraft specific mods. All would have been easily removed by crews if they chose not to use it.

The excel has multiple locations in the flight deck that would satisfy the stowing requirement, to include a pocket located next to each of the pilots seats just below knee level. There are also



NTSB MEMORANDUM FOR RECORD

cabinets located just behind each seat; this is where we store our aircrafts quick reference materials (i.e. QRH, avionics manuals, expanded normals).

Pilots do have access to paper charts as a contingency through Jeppesen website or Flight Control. Typically not used unless we experience an EFB/s failure or required for specific type of trip like international oceanic routes."