



Hanscom Aero Club Safety Meeting

18 May 2022



Outline

- **N333LD – Passenger Safely Lands the Cessna 208 Caravan**
- **The Passenger Brief**



N333LD – Cessna 208 Caravan Incident



References: <https://flightaware.com/live/flight/N333LD>



N333LD – Preliminary Chain of Events

- Pilot reports **“I’ve got a headache, and I’m fuzzy, and I just don’t feel right”**
- Pilot loses consciousness shortly afterward
 - Plane goes into steep descending right turn
- Passenger-pilot (PP) advances from rear, recovers into level flight
 - Pilot’s headset wires frayed, PP switches headsets with front passenger
- PP reports emergency on radio, asks for help and begins return to FL
 - ATC asks PP to IDENT, unable
 - PP unable to report position or switch frequencies
 - Aviate, Navigate, Communicate
- ATC eventually gives PP a cell number to call
 - ATC provides instruction more naturally. Sent photo of cockpit interior to ATC for help finding buttons
- Landing at Palm Beach Intl (10 kft runway)
 - PP lost controllability with flaps down, therefore a flaps-up landing





Garmin G1000 Example



Reference: www8.garmin.com/aviation/brochures/M02-10081-00_g1000.pdf



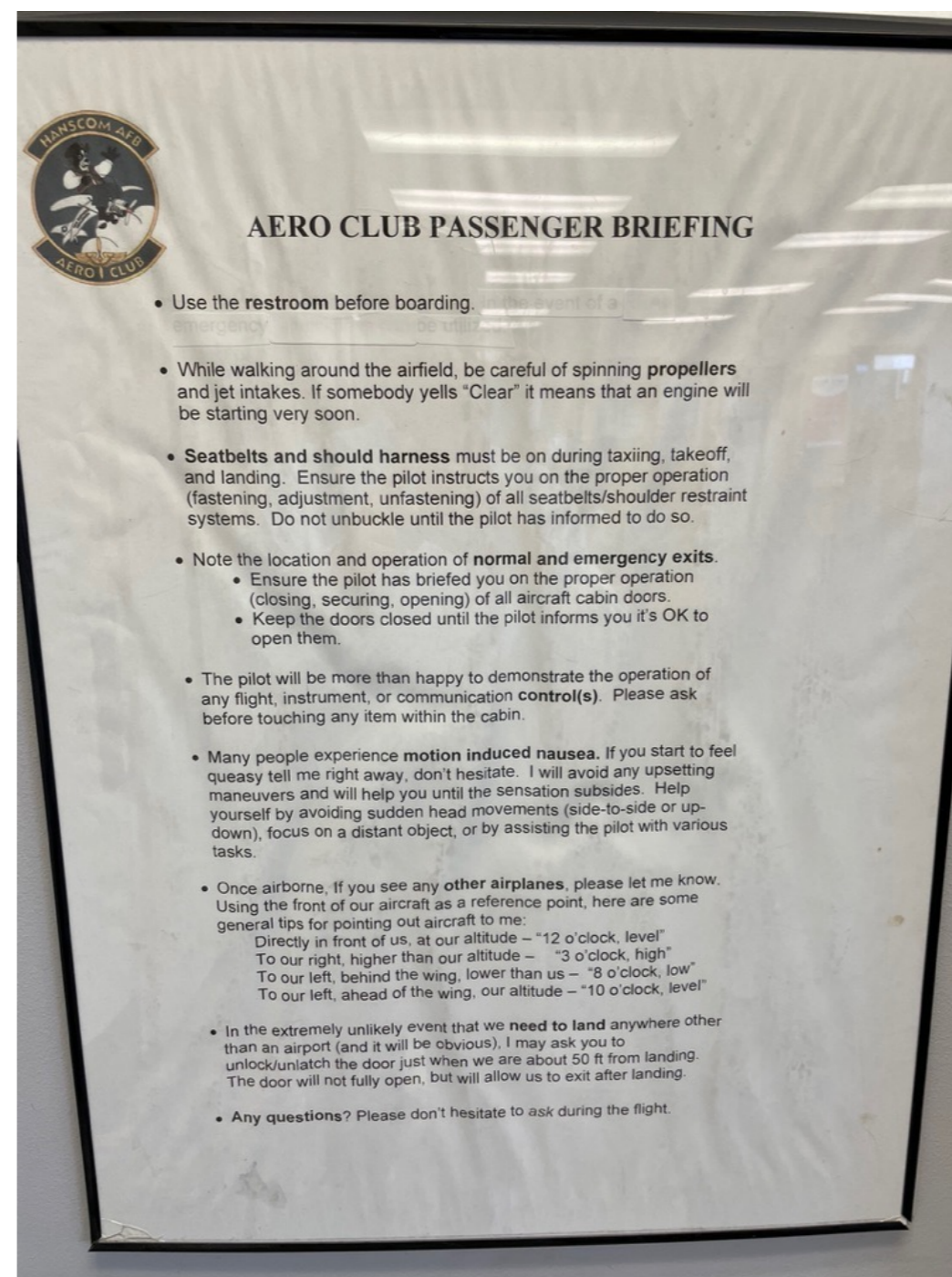
Video

<https://www.today.com/news/news/darren-harrison-nosedive-interview-plane-rcna28928>



Passenger Brief

- Restroom - use before boarding
- Avoid spinning propellers
 - If hear “Clear,” expect engine starting nearby
- Seatbelt and shoulder harness operation
 - Remain buckled until pilot tells you to remove
- Normal and emergency exits
 - Door operations – how to secure and open
- Demo of any flight, instrument, or comms control(s)
 - TX button on passenger yoke
 - Radio/GPS/Transponder/ID placard
 - Basics of flight controls
- Nausea/sickness – inform pilot immediately
- Help lookout for traffic during flight
- Review any emergency procedures prior to engine start
- Sterile cockpit during takeoff and landing phases





Discussion

- **What else can we do with our passengers to help us?**
 - Look for traffic
 - Have them hold the iPad
 - Help look out for nearby airports
 - Weather
 - Tune radios if comfortable
 - Fly! (when straight and level, not congested airspace)
- **Pinch-Hitters Course**
 - Any interest by club members?