Standard Guide for the application of Systems-Theoretic Process Analysis (STPA) to Aircraft
ASTM – WK 60748

Ricardo Moraes
EMBRAER S/A
§23.2005 Certification of normal category airplanes. 
(a) Certification in the normal category applies to airplanes with a 
passenger-seating configuration of 19 or less and a maximum 
certificated takeoff weight of 19,000 pounds or less. 
(b) Airplane certification levels are:
   (1) Level 1—for airplanes with a maximum seating configuration of 0 to 1 passengers.
   (2) Level 2—for airplanes with a maximum seating configuration of 2 to 6 passengers.
   (3) Level 3—for airplanes with a maximum seating configuration of 7 to 9 passengers.
   (4) Level 4—for airplanes with a maximum seating configuration of 10 to 19 passengers.

“The certification process for system development (safety & system development) in the general aviation is very expensive”
ASTM – WK 60748 STATUS

• Next ASTM Meeting:
  • October 2020
• Embraer had a transition (Member) on the committee.
• Guide publication: Expected 4Q2020

CANCELED ASTM INTERNATIONAL OCTOBER 2020 COMMITTEE WEEK

Staff managers will be contacting committee leaders to plan alternatives for conducting committee business.