Attachment 3

To Operations Group Factual Report

DCA13IA058

Airspeed Indications and Low Speed Cues

Pitot

14 APR 08

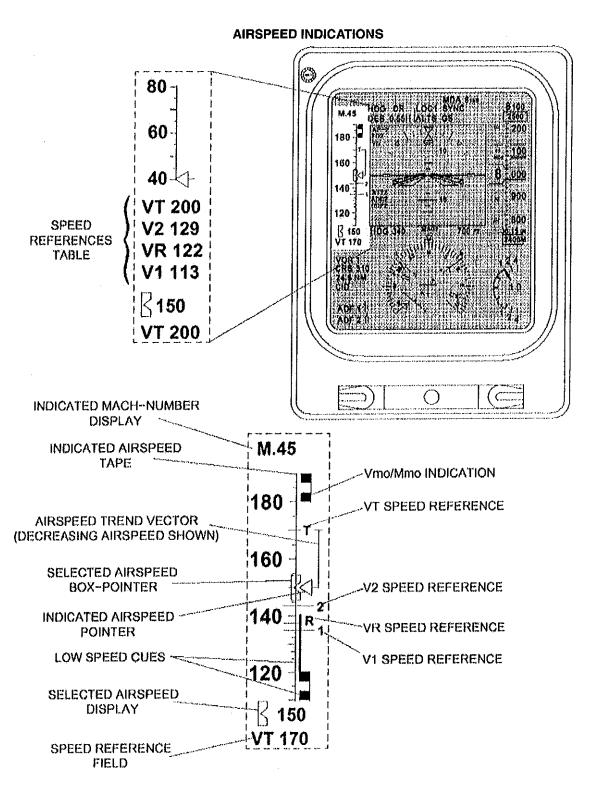


Figure 13

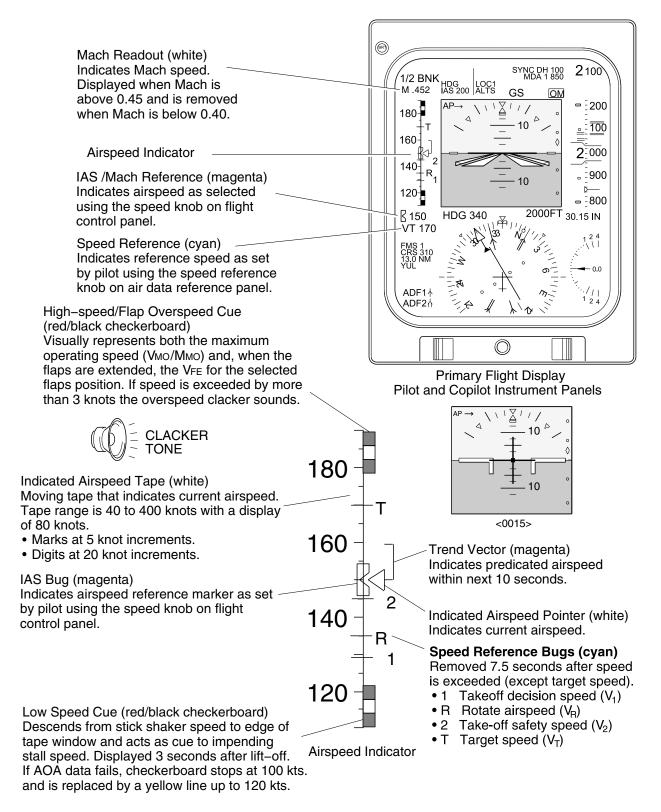


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Indicated Airspeed (IAS) and Mach Indications <TC> or <JAA> Figure 34–13–3

Flight Crew Operating Manual CSP A-013

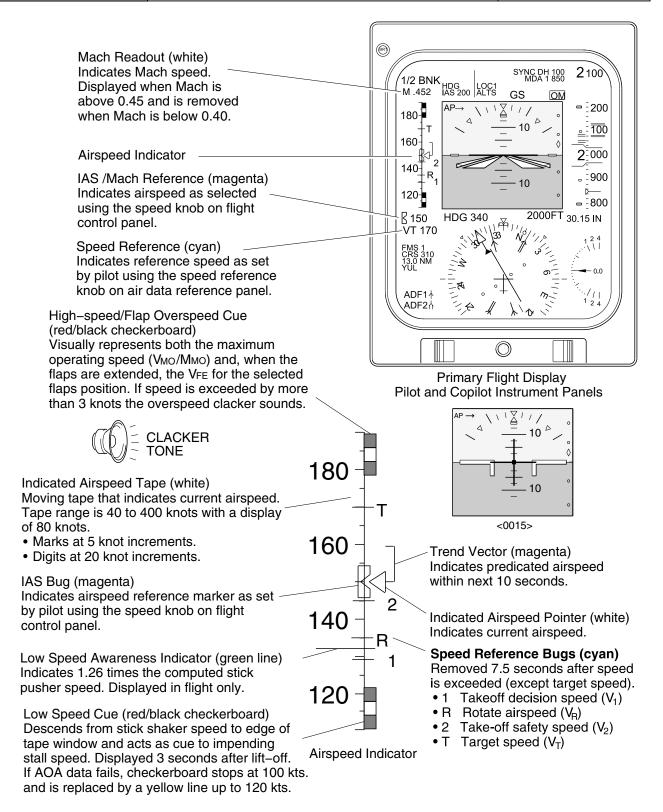


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Indicated Airspeed (IAS) and Mach Indications <FAA> Figure 34–13–4

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D. Low Speed Cue

The low speed cue provides an indication of the speed margin to the stick shaker during normal low speed maneuvers and approaches to stall. The top of the low speed cue corresponds to 1.05 times the computed stick pusher speed.

NOTE

The minimum speed margin between shaker and pusher is 5% of the pusher speed. This is larger in some parts of the flight envelope, particularly higher altitudes where factors other than landing field performance are the prime consideration. Therefore, the stick shaker speeds will be equal to or above the low speed cue. Respect the stick shaker warning to ensure adequate margin to full stall

A green line is displayed on the PFD speed tape that is 1.26 times the computed stick pusher speed. The green line is calculated through flap angle, AOA and Mach. The green line is not intended to be used as a substitute for reference speeds, or as a minimum maneuvering speed. It is intended to function as a low speed awareness indicator for the flight crew to inform them that they have a 26% margin above the stick pusher activation speed that is based on the current flight conditions. <FAA>