

ABSTRAK

Air Speed Indicator adalah salah satu instrumen penerbangan penting dalam pesawat udara, selain Altimeter (penunjuk ketinggian), Indikator Rate-of-Climb (kecepatan menanjak), dan penunjuk tekanan manifold. Meskipun udara sangat ringan, tetapi memiliki massa dan dipengaruhi oleh gaya gravitasi.

Kegagalan terjadi pada indikator yang mengalami *error* sehingga mengakibatkan kesalahan pada *mach airspeed warning system* tidak berbunyi dan tidak memunculkan *bug*.

Hasil yang didapat setelah melakukan test, penunjukan angka pada indikator telah sesuai dan *bug* telah muncul kembali pada indikator, sehingga dapat disimpulkan bahwa masalah telah diselesaikan dan pesawat kembali *serviceable*.

Kata kunci: *pitot tube, airspeed indicator, mach airspeed indicator warning system, Boeing 737-800 Next Generation.*

ABSTRACT

The Air Speed Indicator is one of the important flight instruments in an aircraft, in addition to the Altimeter (altitude indicator), Rate-of-Climb Indicator (speed upward), and manifold pressure indicator. Even though air is very light, it has mass and is affected by the force of gravity.

Failure occurs when the indicator has an error, resulting in an error in the mach airspeed warning system not sounding and causing no bugs.

The results obtained after carrying out the test, the indicated numbers on the indicators are appropriate and the bugs have reappeared on the indicators, so it can be concluded that the problem has been resolved and the aircraft is back serviceable.

Keywords : *pitot tube, airspeed indicator, mach airspeed indicator warning system , Boeing 737-800 Next Generation.*