

ABSTRAK

Emergency Exit Light merupakan bagian dari sistem *emergency* yang berfungsi untuk mengetahui jalan keluar dari pesawat saat pesawat mengalami keadaan *emergency*. Pada *emergency exit light* dapat terjadi kegagalan fungsi yang terjadi apabila tidak dilakukan perawatan rutin pada lampu *emergency exit light*.

Pada *emergency exit light* dapat mengalami kegagalan berupa tidak menyalanya lampu *emergency exit light* dikarenakan EPSU (*emergency power supply unit*) mengalami "FAULT" dikarenakan pada *connector* EPSU (*emergency power supply unit*) mengalami korosi. Oleh sebab itu, perbaikan pada EPSU (*emergency power supply unit*) sangat diperlukan. Kemudian melakukan pengetesan awal untuk memastikan jika ada kerusakan pada komponen *emergency exit light*. Pada proses *trouble shooting emergency exit light* pada pesawat Airbus A330-300, ditemukan kerusakan berupa korosi pada *connector* EPSU. Setelah mengetahui kerusakan melakukan proses *trouble shooting*.

Setelah melakukan proses *trouble shooting* maka langkah selanjutnya adalah melakukan pengetesan ulang. Jika pada pengetesan ulang *system* EPSU melalui MCDU dan hasilnya "TEST OK" selanjutnya akan dites melalui FAP (*flight attendant panel*), setelah menekan tombol "EMER" lampu menyala menandakan jika *emergency exit light* sudah siap digunakan.

Kata Kunci : *Emergency Exit Light*. EPSU, korosi.

ABSTRACT

Emergency Exit Light is part of an emergency system that functions to find out the way out of the plane when the plane is in an emergency. When the emergency light comes out, a malfunction may occur that occurs without routine maintenance of the exit emergency lamp.

An emergency exit light may fail in the form of not turning on the emergency exit light because the EPSU (emergency power supply unit) experiences "FAULT" due to corrosion in the EPSU connector (emergency power supply unit). Therefore, repairs to the EPSU (emergency power supply unit) are necessary. Then perform an initial test to ensure if there is damage to the emergency exit light components. In the trouble shooting emergency exit light process on the Airbus A330-300 aircraft, corrosion was found in the form of corrosion on the EPSU connector. After knowing the damage, do a trouble shooting process.

After doing the trouble shooting process, the next step is to retest it. If the EPSU system retests through MCDU and the result is "TEST OK", then it will be test through the FAP (flight attendant panel), after pressing the "EMER" button the light turns on indicating that the emergency exit light is ready for use.

Keywords: *Emergency Exit Light. EPSU, corrosion.*