



EASA
European Aviation Safety Agency

Oxygen Fire Hazard - Overview

Chris GUNITZBERGER
Project Certification Manager
05.06.2017

STC WORKSHOP
June 4th/5th 2018

Your safety is our mission.

An agency of the European Union 

TE.GEN.00409-001



Oxygen Fire Hazard – Overview 1/3

EASA interpretative material CRI “Oxygen Fire Hazard” is applied to O₂ installations

Reason: investigating O₂ fire events, shortfalls were found in O₂ systems in operation

O₂ Fire is a potentially catastrophic event



Common issues

“Discovering” the CRI (visibility, applicability)

Lack of (supplier) data -> use service experience?

Perceived unequal treatment (EASA, worldwide)



EASA considerations

“Discovering” the CRI (visibility/applicability)

- Segregate CRI from LA “Air Medical Services” – see also CS-25 Amdt 21, EASA SEI list, earlier GVI list

Lack of (supplier) data -> use service experience?

- Review risk per product (part 23, 27, 29 – no change for part 25)
- Look into commonalities with other modes of transport (e.g. Ambulances)

Perceived unequal treatment (EASA, worldwide)

- Standardised text to clarify which Design Changes cover “provisions only”



EASA
European Aviation Safety Agency

Thank you

Questions ?

Your safety is our mission.

An agency of the European Union

