



Mr. Molent is an acknowledged authority in the fields of aircraft structural integrity, structural mechanics, structural and fatigue testing, advanced composite bonded repair, aircraft vulnerability and aircraft accident investigation. He has over 280 publications in these technical areas and is a qualified aircraft accident investigator. He has been attached to both the Australian Civil Aviation Department and the US Navy NAVAIR Structures in Washington D.C. as an airworthiness engineer and has a broad network of collaborators both nationally and internationally, and has worked alongside many Air Forces and aircraft OEMs. After 38 years in Australian

Defence, in October 2020 he retired as the Defence Science and Technology Group's Head of Emerging Aircraft Structural Integrity.

In 2010 he was presented with the Minister's Award for Achievements in Defence Science, in 2016 was awarded with a Member of the Order of Australia (AM) and has numerous team achievement awards. In 2024 he was awarded IAAM' Scientist Medal in recognition of outstanding contributions to the advancement of materials and technology. He is currently a consultant and trainer in Aircraft Structural Integrity, Air Accident Investigation and novel fatigue analyses methods.