

PREVENT EVERY
POSSIBLE THREAT



FIREFLIGHT
— S I M U L A T O R S —

www.melrongroup.co.za

PRODUCT OVERVIEW

Fire Flight is an innovative global brand of aircraft fire simulators carefully researched and developed over the past ten years in collaboration with aircraft authorities, airport operators and fire rescue teams. Fire Flight exceeds the baseline demands of the dynamic and safety conscious aerospace industry in the life like simulated options the well researched simulator design offers. Fire Flight simulators are positioned to service all of South Africa's airports and service airports as far afield as St Helena island. We offer an extensive product variant catering to the bespoke operational requirement of clients wanting to enhance their fire teams performance when faced with the real life threatening situation of engine and fuselage or galley fire scenarios.



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Fire Flight Aircraft Simulators are uniquely developed, designed and manufactured in our centre of excellence by highly skilled craftsmen and state of the technology.

ABOUT OUR TEAM

Our designers are constantly researching and innovating product designs to enhance ease of manufacture and respond to our dynamic client requirements. Fire Flight simulators are offered via various packages with the premium package positioned to offer a turn key solution. The Fire Flight premium Airfield package provides the aircraft fire fighting simulator on site within an environmentally and structurally compliant civil construction precinct with a enclosed bund wall, separation tanks and Fuel tank spillage protection. The operating parameters for the actual fire simulation system is housed in a safe isolated control room which automates the ignition and extinguishing of the fire via electro mechanical Control valves.



WHY FIRE FLIGHT?



Custom
Design



6mm
Carbon Steel



Installed
Onsite



10 Year
Lifespan



Quality
Workmanship



Flexible
Maintenance

OUR GUARANTEE

Total Cost of Ownership and asset life cycle management is at the forefront of the design considerations with a highly robust 6mm carbon steel modular design with surface protection and hear resistance coatings guaranteeing a useful asset life of 10 years. Fire Flight is offered with a three year, six year and ten year Maintenance service package that ensures optimum functioning of the fire simulator. The Customer Interface process is innovative and solution driven and commences with a user requirement specification, concept design renderings, details design drawings, customer design review sessions, component manufacture, agreed customer hold points, final assembly and testing, transportation to customer location, simulator installation commissioning and testing, final client inspection, data pack sign off, customer acceptance, fire fighter safe operating procedure user training ,simulation user assessment and evaluation reports, Planned Maintenance scheduling, annual condition based monitoring report, annual maintenance and Product enhancement offerings. Customer interaction sessions and Project Close Out.





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