



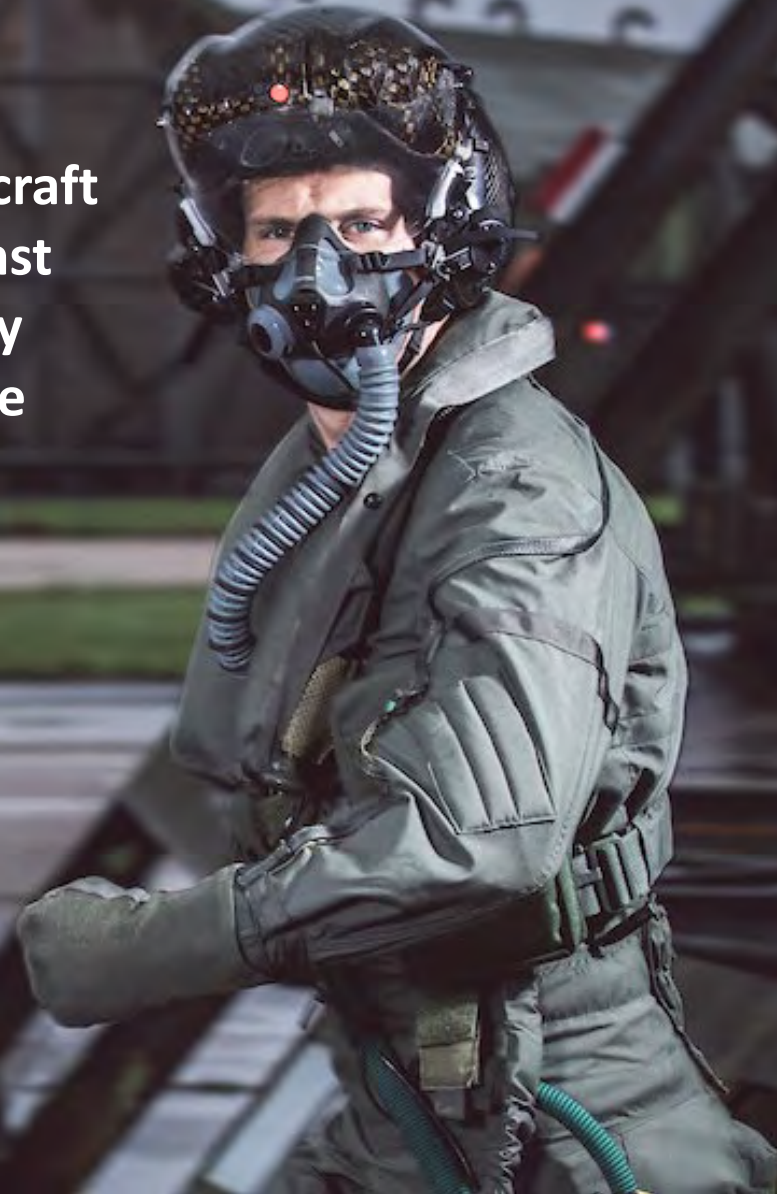
survitec

FAST JET ENSEMBLES



FAST JET PFE CAPABILITY

“Survitec PFE enables pilots to harness the incredible power of the modern warfighter aircraft by simultaneously maximising protection against hazards during flight and post ejection and fully optimizing pilot stamina, strength and cognitive decision making while under intense G stress”



FAST JET PFE CAPABILITY

Design & Technical

- Multi-disciplined design
- New product development
- Platform integration
- Post design services
- Technical publications
- Extensive test and qualification
- In-house testing facilities

“Over 100 ejection
tests successfully
completed”

FAST JET PFE CAPABILITY

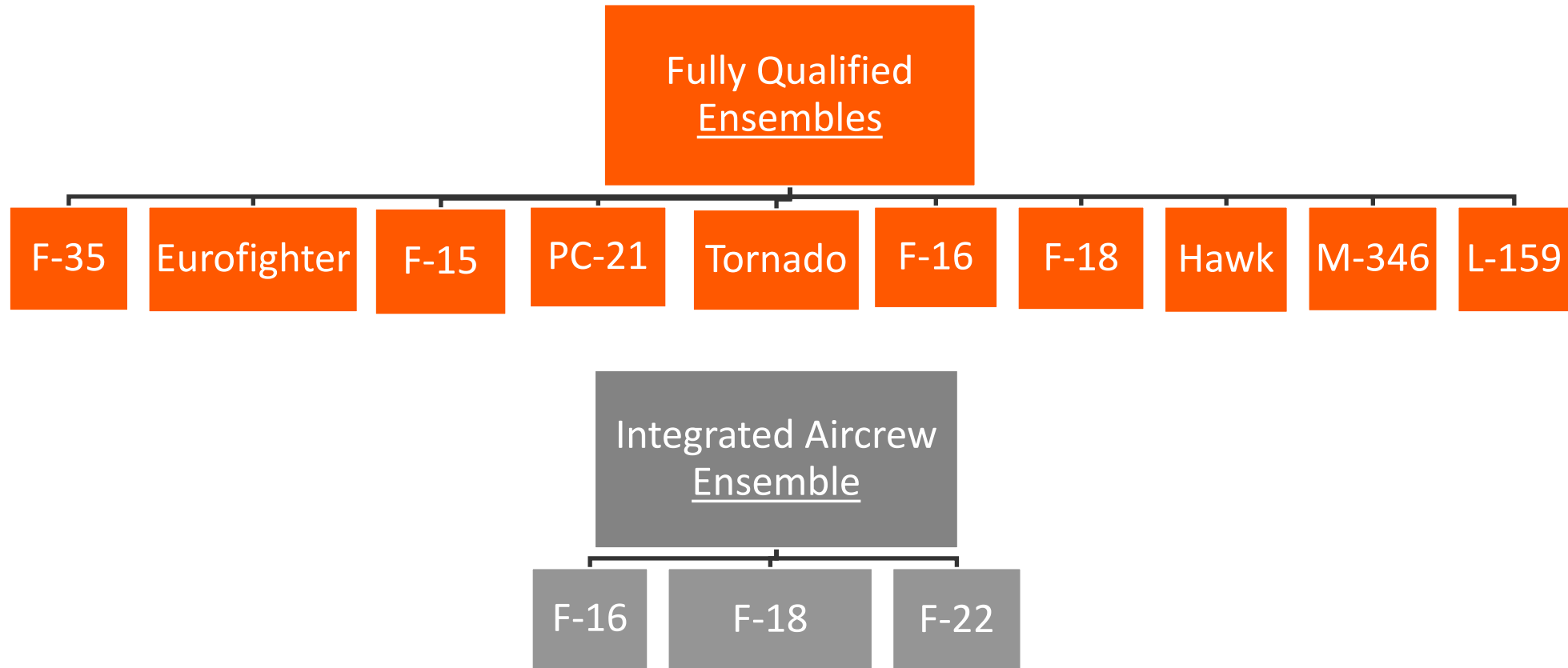


Program

- DAOS Approved
- Prime contractor
 - JSF/F-35 & Eurofighter
- Full program management
- Product and system solutions provider
- System integrator
- Contractor Logistic Support (CLS)
- Through Life Capability Management (TLCM)

“Every aspect of your
critical flight functions
delivered with complete
confidence”

SURVITEC PFE PORTFOLIO

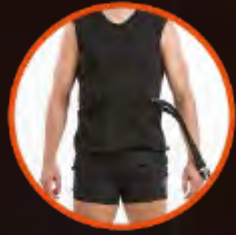


FULLY QUALIFIED ENSEMBLES

Complete suite of integrated equipment
qualified as a full head to toe assembly



MULTI-MISSION PROFILE FROM SINGLE INTERCHANGEABLE ENSEMBLE



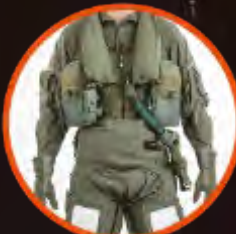
Cooling garment



Thermal Protection Layer



Arm restraint



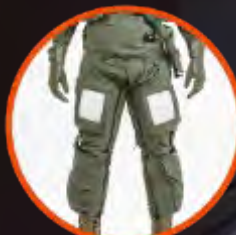
Flight jacket sleeved/sleeveless



Breathing gas hose assembly



HMD transit bag assembly



Skeletal anti-g trousers



Full coverage anti-g trousers



Boots, steel toe/non steel toe



Lightweight coverall



Cold water immersion garment



Cooling garment breakout



Chem Bio protective layer



Chem Bio hose assembly



Chem Bio transit layer



Single seat liferaft



Pilot cooling unit



Gloves, summer/winter



PROTECTION ACROSS AIR, LAND & SEA



G-Protection

A fully optimised system, working in unison to protect up to 9g+

Ejection

Can withstand and function after the force of over 600 knots

Sea Survival

First-rate life preserver offering 350NB with single seat liferaft

SERE

Critical modular pockets that will aid escape and evasion

PLATFORM INTEGRATION



INTELLIGENT INTEGRATION AT EVERY STAGE OF FLIGHT AND ESCAPE

COCKPIT OXYGEN SYSTEM

Breathing mask & hose assembly integrated with flight jacket and aircraft for optimised flight operations and ejection compatibility

ANTI-G PROTECTION

Anti-g garments integrated with aircraft systems to provide rapid g-protection during high intensity aircraft manoeuvrability

CB PROTECTION

Tactical CBR protection to ensure pilot and aircrew safety in a CB environment. Integrated with current clothing schedules

ESCAPE SYSTEM

Integrated to ejection seat, including life support systems & arm/leg restraints, qualified for maximum survivability during & post ejection

FULLY QUALIFIED PLATFORMS



F-15 Eagle



F-35 Lightning II



Tornado



F-16 Fighting Falcon



Eurofighter Typhoon



M-346 Master



L-159 ALCA



F-18 Hornet



Hawk



PC-21

PLATFORM EJECTION SEATS & QUALIFIED PFE



Typhoon



JSF



PC21/HAWK



F16



K-FX

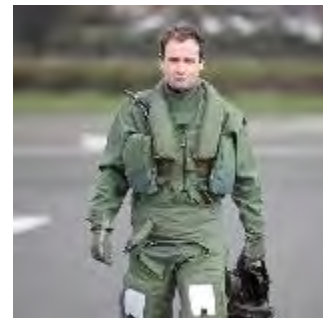
PFE



Burning test 1000°C* – 4s



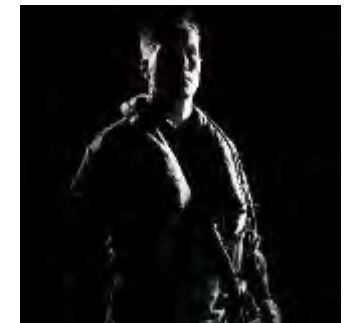
Burning test 1000°C* – 2s



Burning test 1000°C* – 4s



Burning test 1000°C* – 4s



Burning test 1000°C* – 4s

Seat



Ejection Speed 600kts



Ejection Speed 600kts



Ejection Speed 370kts



Ejection Speed 600kts



Ejection Speed 600kts

*84Kw / M²

INTEGRATED AIRCREW ENSEMBLE

Multiple, fully integrated layers



- **Next Generation PFE**
- Reduced heat stress, fatigue; **increased comfort**
- **Reduced bulk**; increased mobility; improved CBR protection
- **Integrates survival gear** with JSAM, PLD, JHMCS
- **Familiar design and construction**; no increase in AFE shop manpower, personnel, and facilities; familiar CONOPS
- Significantly fewer sizes **cover central 98%** male/female population
- **Superior Gz performance**, lighter/cooler than current legacy solution
- **Water activated LPU** with CO₂ cartridge –based device; no explosive CAD/PAD

Qualified for leading platforms:



F-16

F-18

F-22

PARTNER TO WORLD'S LEADING OEMS

Lockheed Martin | BAE Systems | Pilatus | Alenia Aermacchi | Aerovodochody | ADA, India
| Martin Baker | Cobham | Honeywell | Eurocopter | Augusta Westland



MAJOR DEFENCE PROGRAMS



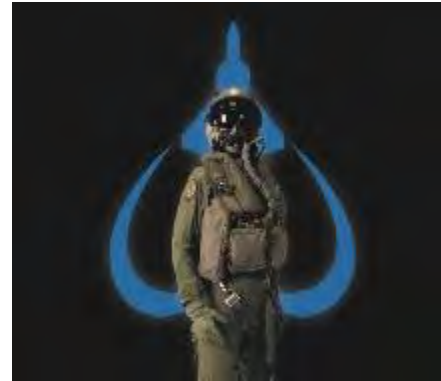
Eurofighter Typhoon

Single supplier for below the neck PFE and cooling unit



F-35 Lightning II

Single supplier for PFE and cooling unit. Full PBL in 2017



Integrated Aircrew Ensemble

US legacy PFE replacement program. Part of US consortium



K-FX War Fighter

Next GEN PFE under Phase 1 development agreement. KAI as prime contractor



USAF Anti-g trousers

Awarded contract in 2013 to supply 5,000 CSU-13 B/P Anti-g trousers



BAE Saudi Arabia

Service provision including supply of equipment, training and maintenance

SURVITEC AIR PRIME SERVICES

TECHNICAL EXPERTISE

SYSTEM DESIGN

NPD, qualification, integration, harmonisation, post design, human engineering

GLOBAL FOOTPRINT

SUPPLY CHAIN

Assessment, acquiring, management of all safety related equipment and documentation

ASSESS & MAINTENANCE

COMPLIANCE

Addressing all aspects of safety and identifying levels of risk with a systemic route to compliance

LATEST PRODUCTION

MANUFACTURE

AS9100 approved flexible manufacturing with capacity to deliver high volume demands

VERSATILE MAINTENANCE

MAINTENANCE

Post deployment and prescribed interval maintenance on all Survitec and 3rd party products

END USER/MAINTAINER

TRAINING

Familiarisation and maintainer training to ensure equipment is at required standard

TRUSTED BY OVER 20 AIR FORCES GLOBALLY



United Kingdom



Germany



United States



Singapore



Norway



Saudi Arabia



India



Australia



대한민국공군
REPUBLIC OF KOREA AIR FORCE

South Korea



Brunei



New Zealand



Vietnam



UAE



Finland



Netherlands



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