



F35 PILOT FLIGHT EQUIPMENT

Complete F35 Ensemble



Delivering increased pilot protection and performance, the Survitec F35 PFE ensemble is the most advanced in the world. It includes superior GLOC performance, intelligent thermal management and best in class comfort, all delivered through a revolutionary 'Perfect Fit' pilot program.

BENEFITS:

- ✓ Only system certified to 600 knots, keeping pilots safer during rapid escape manoeuvres
- ✓ Exceptional G-LOC performance, providing pilot protection up to 9G+
- ✓ 2.5 times higher than legacy systems, offering the lowest through life costs available today
- ✓ Full range of services, offering a full solution, from fitting to aircraft integration and in-service sustainment
- ✓ Complete solution, from pilot cooling to full coverage anti-G, single seat liferafts to Chemical and Biological protection, every aspect of F35 PPE is covered

**“ Protecting Every F35 Pilot
Operating Globally ”**



TRUSTED TO
PROTECT LIVES

F35 PILOT FLIGHT EQUIPMENT

TECHNICAL DATA

FULL RANGE OF SELECTABLE EQUIPMENT

Equipment	Summer	Summer chemical and biological	Winter	Winter chemical and biological	Features and benefits
Cooling Garment	Optional	Optional	Optional	Optional	Reduced fluid loss, less fatigue, reduced thermal burden, High laundering tolerance - 300+ cycles
Thermal Protection Layer		X	X		Lightweight and comfortable 4-way stretch material. Retains thermal protection post laundering
Lightweight coverall with AREL	X				Arm restraint system, restrains arm on ejection. Over 2000lbs maximum load achieved post 150 washing cycles
Cold water immersion garment			X	X	Lightweight, moisture vapour permeable (fully integrated with the CB liquid cooling system) optimized for fast jet applications
Flight use protective Layer	X		X		Lightweight hermetically sealed, optimized for fast jet applications
Lower G garment (skeletal/Full coverage)	X	X	X	X	Higher burst pressure than current PFE after stringent combination qualification tests. Skeletal 75,355 cycles, burst pressure over 26 psig. Full coverage 107,650 cycles, burst pressure over 24 psig
Sleeved and sleeve less flight jacket/LPU/ARS	Optional	X	X	X	Low maintenance, economical lightweight. Automatic inflation Unit negates the need for a JSAM carrier waistcoat. Integrates with JSAM and all pilot mounted hardware
Breathing gas hose Assembly	X	X	X	X	Flexible and adjustable
Boots	X	X	X	X	High impact toe protection variant on customer request. Dual density soles to improve durability and provide shock attenuation
Pilot cooling unit	X	X	X	X	Extends mission duration. Portable, first of its kind for fast jet applications
HMD Transit bag	X	X	X	X	Protects HMD and visor against damage and moisture
Single seat Liferaft	X	X	X	X	Excellent thermal properties. Extremely compact and lightweight design for compatibility with ejection seats and other space-critical platforms

PLEASE CONTACT US TO TAILOR YOUR FLIGHT SUITS