



F-35 PILOT FLIGHT EQUIPMENT

NOVEMBER 2019



CUSTOMER REQUIREMENT

DEVELOP BELOW NECK PFE SINGLE SOLUTION COMPATIBLE WITH NINE PARTNER NATIONS FOR 3100 F-35 AIRCRAFTS IN THREE VARIANTS:



US



Canada



UK



Denmark



Italy



Netherlands



Australia



Norway

AN AUTONOMIC LOGISTICS SUPPORT SYSTEM TO SIGNIFICANTLY **REDUCE LIFE CYCLE COSTS**

SURVITEC SOLUTION

DESIGN, DEVELOP, QUALIFY AND MANUFACTURE INTEGRATED PILOT FLIGHT EQUIPMENT (PFE) WITHOUT COMPROMISING ON COMFORT, PROTECTION AND PERFORMANCE

- 'Perfect Fit' from 18 specific anthropometrics with focus on higher UV tolerance and G performance
- Fitting trials for the standard size roll to demonstrate acceptability and confirm no inherent integration issues
- Ensure combability, mobility and integration of man mounted survival aids and ejection seat
- Holistic approach for technical, quality and assurance, configuration, data and risk management
- Develop appropriate training and systems engineering with comprehensive equipment and system level testing to ensure the highest standard of airworthiness

END RESULT

- First fully integrated PFE solution for a US aircraft program
- First pilot cooling unit for fast jet aircraft
- Berry compliant manufactured PFE qualified for all F-35 variants
- Over 1,500 F-35 pilots fitted at Lockheed Martin Pilot Fit Facilities (PFF)
- 10 day delivery times from manufacturing to final fitting at PFF
- Deliveries to be phased up to 2037 and predicted to be in service until 2070
- Designed, developed, verified and certified an affordable set of PFE components through Performance Based Logistics (PBL) that significantly reduce lead times



THE F-35 PERFECT FIT PFE CONTRACT ENSURES THAT THE PILOTS ARE ISSUED THE CORRECTLY SIZED PFE WITHIN 10 DAYS FROM THE DATE THE MEASUREMENTS ARE TAKEN.

GET IN TOUCH

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