

DST contributions to the F-35 Joint Strike Fighter program

The F-35A Joint Strike Fighter will deliver to Australia the world's most advanced and capable multi-role fighter; a fifth-generation aircraft that offers an unparalleled mix of situational awareness, stealth and mission capabilities.

DST has provided critical scientific and technical advice to support the acquisition of the JSF, particularly in the System Development and Demonstration phase of the project.

From its initial selection, DST has conducted extensive research into the new technologies being developed, assessing their impact on the F-35A and how the aircraft would fit into the capability mix of the Australian Defence Force (ADF).

In supporting the F-35A, DST's key drivers have been to:

- ► Provide advice to Government to inform and support decisions throughout the life of the aircraft.
- ► Promote the insertion of Australian technology to improve capability and better address Australian-specific requirements.
- ► Ensure an appropriate S&T technology base is developed and maintained to support the F-35A acquisition and inservice capability.
- ► Support and position Australian industry to support the aircraft.

DST's contributions to the F-35A will help to minimise the cost of ownership of the aircraft and will ensure that it can safely and effectively withstand the rigours of Australian military operations.

The first F-35A aircraft will enter service in Australia in 2018, with the first operational squadron established by 2020.

For further information:

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