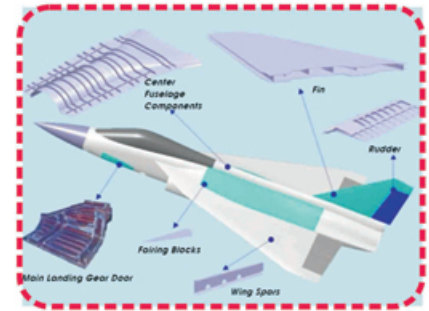




CSIR offers total solutions in composite materials and structures-
From carbon fibres to flight-worthy carbon fibre composite structures

CSIR has fabricated wing spars, fairings and fairing blocks, fin, rudder, centre fuselage and landing gear door of the Indian Light Combat Aircraft, Tejas. The National Control Law team led by CSIR-NAL successfully developed composite wing for Tejas



Forty per cent of the Tejas airframe is fabricated by CSIR

Co-curing Technology for Composite Aircraft Structures

This technology has enabled integration of a number of sub-components into a single component. This ensures superior structural integrity, elimination of stress concentration due to drilling, and a shorter assembly cycle.



Co-cured Torsion Box for LCA Fin



Trouser duct of center fuselage for LCA



Rudder



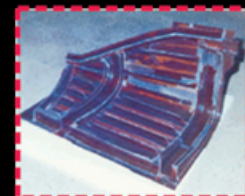
Elevator



Aileron



Composite Torque shaft for LCA Rudder



Under Carriage AFT Door for LCA