

# Aircraft Failure Analyses & Accident Investigations



CSIR-NAL

CSIR investigation finds that the Boeing 747 Kanishka crash in 1985 was due to a chemical explosion.



Wreckage of the Kanishka floor structure retrieved from the Atlantic Ocean



Failed gearbox assembly of an aircraft engine

CSIR provides engineering failure analysis services for all aircraft development programmes in the country.

CSIR's experience in failure analysis and accident investigation has been distilled into a publication that explains the analysis techniques and highlights select case histories.



The ASM International publication "Failure Analysis of Engineering Structures: Methodology and Case Histories"

More than 1100 cases have been investigated