

## **Manufacturing technology for aerospace structural materials / F.C. Campbell**

Campbell, F. C.

Deskripsi Dokumen: <http://lib.ui.ac.id/opac/themes/green/detail.jsp?id=20357848&lokasi=lokal>

---

### **Abstrak**

The rapidly-expanding aerospace industry is a prime developer and user of advanced metallic and composite materials in its many products. The concentrate on the manufacturing technology necessary to fabricate and assemble these materials into useful and effective structural components.

Detailed chapters are dedicated to each key metal or alloy used in the industry, including aluminum, magnesium, beryllium, titanium, high strength steels, and superalloys. In addition the book deals with composites, adhesive bonding and presents the essentials of structural assembly.

An important resource for all those involved in aerospace design and construction, materials science and engineering, as well as for metallurgists and those working in related sectors such as the automotive and mass transport industries.