

STRUCTURE and DESIGN

OPTIMUM DESIGN OF COMPOSITE PRIMARY STRUCTURE AIRCRAFT COMPONENTS	D.M. Purdy C.G. Dietz
EVALUATION STUDY OF COMPOSITE REINFORCED WING PANEL CONSTRUCTION	J.J. Cools G. Bartelds
THE APPLICATION OF ADVANCED COMPOSITES TO MILITARY AIRCRAFT	R.N. Hadcock
A NEW TYPE OF ATTACHMENT FOR B/AL COMPRESSOR BLADES	R. Kochendörfer
CALCUL DES COQUES MULTICOUCHES DE REVOLUTION PAR LA METHODE DES ELEMENTS FINIS	D. Engrand
THE APPLICATION OF EMPIRICAL STRESS STRAIN FUNCTIONS TO STRUCTURAL OPTIMISATION PROBLEMS	D.M. Richards
GEOMETRIC PROGRAMMING IN STRUCTURAL DESIGN	A.J. Morris
COMPUTER-ORIENTED STATISTICAL METHODS FOR LOW FAILURE PROBABILITY FATIGUE LIFE PREDICTION AND IMPACT STRENGTH LOWER BOUND DETERMINATION	J. Gedeon
THE ROLE OF FRACTURE MECHANICS AND FATIGUE IN THE DESIGN OF ADVANCED AEROSPACE VEHICLES	E. Antona V. Giavotto A. Salvetti E. Vallerani
UNE NOUVELLE METHODE DE MESURE DES FORMES MODALES DES STRUCTURES AERONAUTIQUES	J.-J. Angélini
A GENERAL APPROACH TO SUPERSONIC AERO-ELASTIC VIBRATIONS PROBLEMS	P. Santini R. Barboni