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Air Law

Library Additions

May/June 2001

BOOKS

General


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Air Law


From its origins as Western Air Express operating Douglas M-2 and M-4 mailplanes, this illustrated volume records the evolution of Transcontinental and Western Air Inc (TWA) over 75 years through to its current Boeing 717 fleet.


Various authors have contributed to this edition of this textbook on air finance, aircraft leasing and airline/airline valuation concluding with an outline of the legal and regulatory framework in which such transactions operate.


**On-Flight Origin and Destination: Year and Quarter ending 30 September 1999.** ICAO Digest of Statistics No 480. International Civil Aviation Organization, 999 University Street, Montreal, Quebec, Canada, H3C 5H7. 2000. 121pp.

**Financial Data — Commercial Air Carriers 1999.** ICAO Digest of Statistics No 483. International Civil Aviation Organization, 999 University Street, Montreal, Quebec, Canada, H3C 5H7. 2001. Irregular pagination.


**Regional Differences in International Airline Operating Economics 1997.** ICAO Circ 280. International Civil Aviation Organization, 999 University Street, Montreal, Quebec, Canada, H3C 5H7. 2000. 54pp.


**Avionics and Systems**


**Head-up guidance systems (HGS), OASYS radar, terrain awareness and warning system (TAWS), future cockpit requirements and controller-pilot datalink communications (CPDLC) are among the subjects reviewed in the latest edition of this informative compilation of articles surveying technology trends in avionic systems.**


**Autobiography and Memoir**


**Certification Procedures for Aircraft and Related Products and Parts. JAR-21 — Amendment 2.** Joint Aviation Authorities, PO Box 3000, 2130 KA Hoofddorp, The Netherlands. 2001. Distributed by Rapidoc, Willoughby Road, Bracknell, Berkshire RG12 8DW, UK. Irregular pagination.


**Meteorology**

**Folder of biographical material relating to the career of Captain Douglas Rudolph Pobjoy.** c2000. Illustrated. Includes photostats of various articles about D.R. Pobjoy, his aircraft and engines, photographs, pilot’s licences and his 1937 Institution of Automobile Engineers paper ‘Light Aero-Engines’. 

**Lighter-than-Air**

The 22 papers by various authors compiled in this volume — dedicated to a leading authority in the nonlinear theory of elastic shells — review recent research in plate and shell theory (including buckling analysis of composite plates, shear deformation plate solutions and quasi-shallow).


The latest edition of this pocketbook on the wide range of engineering materials (ferrous/non-ferrous metals, polymers, ceramics and composites) currently in use, summarising their properties, technical data and applications.

**Satellite Communications**

**Fundamentals**


**PAPERS**


**SYMPOSIA**


The Future of European Aviation Safety Regulation: Proceedings of one day
Aerospace engineering


**REPORTS**

**Aerodynamics**

Bodies


Dynamics of aircraft and elements


Excrescences


Aeroelasticity, flutter and vibrations


**Aerospace engineering**

An analysis and procedure for determining space environmental sink temperatures with selected computational results. A.J.

**Computer and computing**


**Energy conservation and resources**


Reviews work at the NASA Glenn Research Center on space solar power, Stirling cycle conversion, fuel cells, film photovoltaics and batteries, and combustion.

**Fatigue**


**Instrumentation and displays**


The performance of a propylene Loop Heat Pipe Demonstration Model was evaluated.


Provides an intuitive graphical display of airport, terminal area and route data.


**Materials**


**Safety**


Studies the connection between current FAA regulations and the incorporation of health monitoring systems in commercial aircraft.

**Testing facilities and techniques**