



Performance of the Jet Transport Airplane: Analysis Methods, Flight Operations, and Regulations (Paperback)

By Trevor M. Young

John Wiley and Sons Ltd, United States, 2017. Paperback. Condition: New. 1. Auflage. Language: English . Brand New Book. Performance of the Jet Transport Airplane: Analysis Methods, Flight Operations, and Regulations presents a detailed and comprehensive treatment of performance analysis techniques for jet transport airplanes. Uniquely, the book describes key operational and regulatory procedures and constraints that directly impact the performance of commercial airliners. Topics include: rigid body dynamics; aerodynamic fundamentals; atmospheric models (including standard and non-standard atmospheres); height scales and altimetry; distance and speed measurement; lift and drag and associated mathematical models; jet engine performance (including thrust and specific fuel consumption models); takeoff and landing performance (with airfield and operational constraints); takeoff climb and obstacle clearance; level, climbing and descending flight (including accelerated climb/descent); cruise and range (including solutions by numerical integration); payload range; endurance and holding; maneuvering flight (including turning and pitching maneuvers); total energy concepts; trip fuel planning and estimation (including regulatory fuel reserves); en route operations and limitations (e.g. climb-speed schedules, cruise ceiling, ETOPS); cost considerations (e.g. cost index, energy cost, fuel tankering); weight, balance and trim; flight envelopes and limitations (including stall and buffet onset speeds, V n diagrams); environmental considerations (viz. noise and emissions);...



READ ONLINE
[2.99 MB]

Reviews

The ideal publication i possibly go through. It is amongst the most awesome publication we have study. I am just easily will get a satisfaction of studying a published publication.

-- **Shanie Cartwright**

Unquestionably, this is actually the very best job by any publisher. It really is basic but unexpected situations within the 50 % from the book. I discovered this book from my dad and i advised this publication to discover.

-- **Dr. Willis Walter**

You May Also Like



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



Genuine book Oriental fertile new version of the famous primary school enrollment program: the intellectual development of pre-school Jiang(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-09-01 Pages: 160 Publisher: the Jiangxi University Press Welcome Salan. service and quality to your satisfaction. please tell...



The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality to your satisfaction. please tell your friends...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...