



Regimento Das Camaras Municipaes Do Imperio Do Brasil Lei Do 1 de Outubro de 1828, Augmentada Com Todas as Leis, Resolucoes, Decretos, Regulamentos, Avisos, Portarias E Ordens Que 1he Dizem Respeito Publicadas Desde

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 90 pages. Original publisher: Washington, D. C. : National Aeronautics and Space Administration, Office of Management, Scientific and Technical Information Program, 1992. OCLC Number: (OCoLC)58734592 Excerpt: . . . weight and thrust capability and is based upon measurable atmospheric conditions. The F-factor is defined as $F = \frac{g}{V} \sqrt{W^2 + V^2}$ where: spatial derivative of the horizontal component of wind velocity, vertical component of wind velocity, W acceleration due to gravity, g V the airspeed of the aircraft. To get a feeling for what the F-factor means in physical terms, consider that a positive spatial derivative of the horizontal wind velocity indicates an increasing tailwind which has a performance decreasing effect, while a positive vertical wind velocity indicates a performance increasing updraft. Threshold values for F have been placed between 0.1 and 0.155. Figure 1.3 shows how F-factor can be interpreted as an indicator of safe operation. 1.2 Pulse Doppler Radar Pulse Doppler radar is a sensor of particular interest in the windshear detection problem. This is not surprising since these instruments have been used for years in meteorological research of storm dynamics, hydrology, and cloud...



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