



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 $F = \frac{g}{V} \frac{dV}{dx}$ where: $\frac{dV}{dx}$ spatial derivative of the horizontal component of wind velocity, V vertical component of wind velocity, g acceleration due to gravity, 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 0.15. 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...

Reviews

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