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No binding. Book Condition: New. This item is printed on demand. OCLC Number: (OCoLC)680065379 Excerpt: . . . the vortices. With the porous LEX, the and LEX vortices occurs in the near wake. The identities of the LEX and wing vortices can still wake roll-up and wing tip vortex are also be discerned, but the vortices join to produce a apparent in the LVS image at this station. The cross flow pattern that is characteristic of a PSP and LVS images are more complex in the single, broader vortical flow. The LVS image vicinity of the twin vertical tails. The PSP surface pressure response shows the LEX vortex also suggests the combining of the vortices footprints intersecting the leading edges of the changes the pattern of cross-flow shocks that bound the vortex flows. These results confirm wing-mounted tails. Downstream of this that porosity does not suppress the LEX vortex location, the LEX vortex pressure footprints are flows but, instead, causes a diffusion and no longer visible in the PSP image. A strong, weakening of the vortices. The phenomena intersecting shock system is established between observed at this higher angle and Mach number the twin tails, and a rapid pressure rise across the are expected to exist, albeit to a smaller scale, at shocks is indicated in the PSP image by the transition from a green color ahead of the the conditions previously shown in figure 9 and figure 10. Specifically, the redistribution of the shocks, to yellow near the foot of the shocks PSP surface pressure response, the LVS cross-and, finally, to shades of red and pink downstream of the shock fronts. It is noted that flow patterns, and the static pressure coefficient distributions caused by porosity is induced by the PSP color display was adjusted during the diffuse, weakened...

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