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FLYING SCISSOR? -- An AD-1 aircraft pivots its wing in a scissor-like fashion during a test flight at Edwards, California. Researchers check the wing's performance at different angles of rotation. At take-off it is in the conventional position for necessary lift; then it is pivoted to reduce drag. The maximum pivot angle is 60 degrees. National Aeronautics and Space Administration engineers foresee application of the pivot wing to future supersonic aircraft increasing fuel economy by at least 20 percent. (81-2091-C)

