THE BATTALION Station, Texas Thursday, March 20, 1969 'Air Taxi' Role College Station, Texas

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SOMETHING IN COMMON

Mrs. Gerald Morse of London, England, and her grandson, Daniel Potter of Plainfield, N. J., have both recently undergone open heart surgery. The Boston operations were to fight the same life-threatening heart conditions. (AP Wirephoto)

Architects Begin State Meet Today

Dean Raymond Reed of Iowa State University, chairman of the American Institute of Architects Committee on Education, keynoted the Texas Regional Conference of Associated Student Chapters here today.

The two-day meeting also highlights Sidney L. Katz Friday. Katz, affiliated with Pratt Institute, chairs the AIA's Committee on Student Affairs.

Texas Regional Director Russell King of Beaumont, architectural senior responsible for arranging this year's program, estimated between 200 and 300 students and professional architects are attending the conference.

KING, POINTING out that Texas is one of the few regions taking advantage of available funds for regional meetings, said many students and architects "the future is concerned feel with the changes taking place in the profession, in education and in the methods of practice."

He added the conference "is an attempt to bring about communication between the students and the practitioners and the educators, with an emphasis on the

King hopes "they will establish a common language with which they may discuss the changes that are taking place within the profession of environmental design."

This makes the third year Associated Student Chapters of the American Institute of Architects have held a regional conference in Texas. The 1967 meet was in Austin with Dallas host last year.

STUDENTS AND faculty members participating represent six state institutions including Rice, University of Texas, University of Houston, University of Texas at Arlington, Texas Tech and A&M. San Antonio College also was represented.

Discussion groups will be directed by architectural deans from each institution, King said.

The first regularly scheduled meetings started today with statements from Edward J. Romieniec, chairman, College of Architecture and Environmental Design, said King.

The conference is co-sponsored by the Texas Architect Foundation.

Envisioned For **Business Jets**

Airways of the future may contain a small but versatile business jet proposed by an aerospace engineering major who graduates next January. The "businessman's air tax"

conceived by Michael B. Walsh of Mons, Belgium, incorporates several recently developed components for "postage stamp" take-off and landing capabilities. With two presently available upgraded jet engines, Walsh's air taxi would have sufficient thrust for vertical take-off and landing, he believes.

This advantage alone makes the aircraft economically sound, Walsh suggests, since it would be able to arrive or depart from any improved or unimproved site where the pilot or passengers might have business.

Dr. Charles A. Rodenberger, aero engineering professor to whom Walsh reported this concept, says the plane has merit but would be difficult to fly. With additional development of movable nozzles now employed in the British Hawker Harrier fighter, Walsh argues that controls for vertical takeoff and landing modes could be extremely simple.

ADDITIONAL features of the 20-foot long, eight-foot high and 15½-foot wingspan dimensioned craft are suggested by Walsh to make the jet light, economically operated and moderately expensive to build.

The aero senior indicates bleeding air into the second turbine of a current stock engine will produce 4,000 pounds thrust each through two independently operated power plants.

"With an X-pattern duct system, the aircraft could be flown at cruise speed with one engine shut down," he described. "The crossover system would make it possible to close two front nozgles at will and enable two rear nozzles to propel the aircraft."

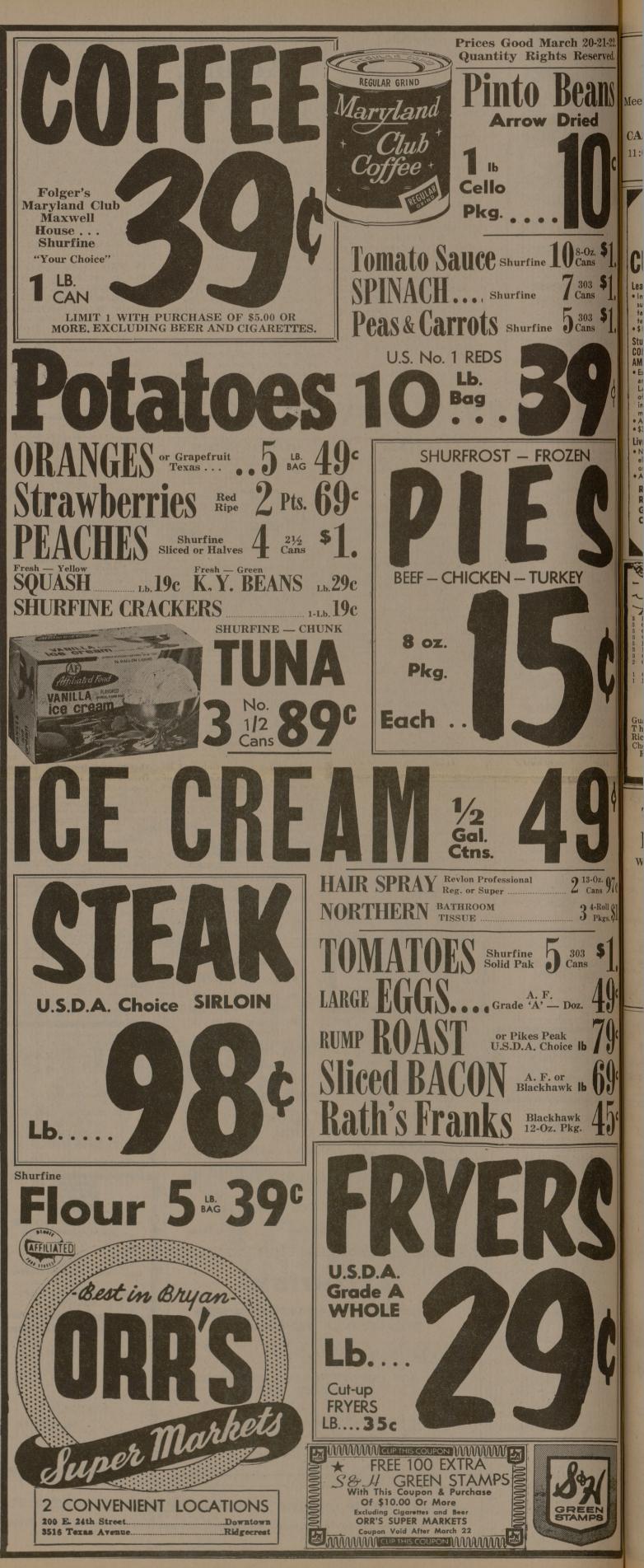
Front nozzles of the stubbywinged jet would be tilted downward for vertical take-off and landing.

"NO OTHER special controls will be needed," added the son of Air Force Col. and Mrs. Howard B. Walsh. Mike has traveled over most of Europe and Scandinavia with his parents and graduated from Kecoughtan High in Hampton, Va.

The crossover system would improve the plane's overall economy, range and attractiveness to prospective customers concerned with cost of operation.

Walsh also suggests hydraulically-operated tricycle gear and inflatable rubber covers for landing gear doors, to reduce weight. He noted this system is in use on the Boeing 737.

Advantages over the helicopter, as the nearest competitive means of pinpoint air travel, include range, fewer maintenance points and his design's glide capability in case of power loss, Walsh added.



Judge Dewey Suggests Law Repeal To JP's, Constables At Meeting

an suggested this week the possibility of repealing a law requiring a transcript of criminal cases to the Grand Jury by justices of the peace.

Dewey, a keynote speaker for the three-day Justice of the Peace and Constable School here, noted only two jurists in over 100 attending the seminar-type program had ever provided the transcript.

"Maybe we ought to get it repealed," he challenged. He added it would save "much work for our secretaries" if it is not effective and will not be used.

Dewey also pointed out that the "people's court," as he referred to the JP system, provides certain forms of security through small claims.

He said persons with claims of less than \$200 for labor and \$150

Catholics, accounting for about one-third of the 1.5 million population of Ireland, claim the predominantly English and Scots Protestant majority discriminates against them in jobs and housing.

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Ira E. Scott, chief of A&M's Police Training Division, a unit of the Engineering Extension Service, praised this year's school. He called it "one of the best" with 103 jurists and constables registered.

The school was sponsored by Scott's division and the Justice of the Peace and Constables Association of Texas.

Kadets To Meet

The Flying Kadets will vote Monday night on what type and make of airplane they will buy. During the 7:30 meeting in Room 2-C of the Memorial Student Center, the club will also discuss a new organization, divorcing the club from the Council and Directorate.

Secretary Don Parks said that the meeting is open to both experienced pilots and those wanting to take lessons.

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