Military Techniques May Land Big Airliners Softly

An airliner, clarrying scores of passengers, las just developed mechanical failure and is rapidly going out of control. A crash is unavoulable.

The pilot pushes a justion and, almost instantly, the fuse lage lets go of engines, wings and tails.

Then it slows itself with drag chutes and moments later, it is foating down gently and safely with larger parachutes.

A scene 'from science fie. Singler and Air Force Col. John P. Stapp (M.D.)

Projections are that 2,000 passenger fatalities a year are possible by the mid-1970s, at least 16,000 persons in the safety problems in the future. Accidents, and accompany-least 16,000 persons in the safety problems in the future. Accidents, and accompany-least 16,000 persons in the safety problems in the future. Accidents, and accompany-least 16,000 persons in the safety problems in the future. Accidents, and accompany-least 16,000 persons in the safety problems in the future. Accidents, and accompany-least 16,000 persons in the future. Accidents, and accid

little is known about "the range of tolerances for infirm, infant, or elderly individuals in Extension of the continue of the

be a combination of several techniques; (1) Using techniques to sever wings, fuselage, engines, or tail if on fire or required by emergency; (2) deploying drag chutes to slow and stabilize the passenger-crew fuselage capsule and (3) deploying larger parachutes to float the fuselage section to the ground gently and within safe limits.

IN SUCH a system, Snyder and Stapp note, "the passenger remains in his seat-cabin envi-ronment to avoid the extreme

ered with a minimal ground-impact velocity.

"Emergency oxygen sys-tems would still be available to occupants, cold could be kept tolerable during brief exposure of descent, and impact forces could be kept minimal."

Such a concept has already been experimentally tested in helicopters, and "could well be adapted to air transport air-craft." Snyder and Stapp say.

7/MILE & MIDDLEBELT-LIVONIA











Mon. to Sat. until 9 p.m.

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THE MORE YOU SAVE!



will kick off the Livonia Mall Door-Way Sale with a live Broadcast Thurs day, Feb. 5 from 6 to 7:30 p.m. Jack will have the entire Jimmy Clark Band with SURPRISE GUEST STARS. The group will have a "warm up"—tape their show—and have a "After Glow" until 7 p.m. playing and singing some of the audience's favorites. Enjoy the informal (unrehearsed) chatter of Jack, the "live" music of Jimmy Clark Orchestra, and an assortment of guest stars visiting Detroit that week!

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Here is your chance to be the last of the big spenders with \$1,000 bills. Just the big spenders with \$1,000 bills. Just show your receipt (any amount at all) that you shopped in the Livonia Mall (any of the above 3 days) and you will be given your play money (good at any game except Diggers). Children under 18 must be accompanied by an will dance once again down the Barbary Coast at the Livonia Mall. . .see for yourself on Saturday Feb. 7 at 3 p.m.



safe and fun to give your little one a chance to sit in the drivers' seat (by Sears Court)



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