

Wildcat Fullback Swingle Fullmer May Quit Boxing Wears Special Headgear

EVANSTON, Ill. (AP) — Northwestern University fullback Bill Swingle will also be playing in the interest of science tomorrow when Notre Dame meets the Wildcats in Evanston.

Swingle has been wearing a special FM Multiplex transmitter designed to relay bio-medical data to the sideline in the last four games he has played.

Under a Northwestern University-Evanston Hospital research project, Swingle is wearing the electronics equipment to determine the intensity of impact that a player's head receives on the gridiron.

IT IS PART of a telemetering research project spearheaded by Dr. Stephen E. Reid, once a star Northwestern guard and now team physician, in the interest of making football helmets safer.

A tri-axial accelerometer is fitted into the helmet to measure impact in three mutually perpendicular planes.

The device is encased in a protective plastic container and foam rubber. A metal foil band antenna lies flat around the inside of the helmet.

A complete transistorized radio transmitter is fitted to the back of Swingle's shoulder pad.

A receiving antenna similar to a home TV antenna is located on the sidelines where it picks up the signals from the field.

Motion pictures are taken simultaneously of the field action at the speed of 64 frames per second. When screened at the standard projector speed the films provide a slow motion effect enabling the researchers to view the type of impact encountered by the football player.



WEST JORDAN, Utah (AP) — Gene Fullmer, battered, bruised and heartsick, hinted yesterday he may hang up his gloves after resigning as the fightingest middleweight champion of all time.

"I don't know . . . but I have serious doubts if I will ever fight again in the ring," Fullmer said as he returned to his home after suffering a 15-round beating at the hands of Dick Tiger in San Francisco Tuesday.

"I know one thing, no title in the world is worth it if people get so excited and suffer as much as

my loved ones do when I fight." Gene's father-in-law, Roy Holt, suffered a heart attack at ringside at Candlestick Park Tuesday while Gene was losing his title. Holt died early Wednesday.

Fullmer's reaction followed the announcement Wednesday of plans for a rematch between Fullmer and Tiger. Promoter Norman Rothschild announced in San Francisco that he held the contract for both fighters to meet either in Bozeman, Mont., or Las Vegas, Nev., Jan. 19.

Fullmer rates as the fightingest middleweight champion because he put his title on the line nine times. He lost it twice.

In San Francisco, Jersey Jones, Tiger's American manager, agreed with Fullmer.

"I hate to advise somebody else," Jones said, "but if I was Fullmer I'd quit now. Many a good fighter took one fight too many and Gene may be at this point."

BEAT CALIFORNIA

RADIO-PHONO SERVICE

delivery AD 8-6021 & pick-up



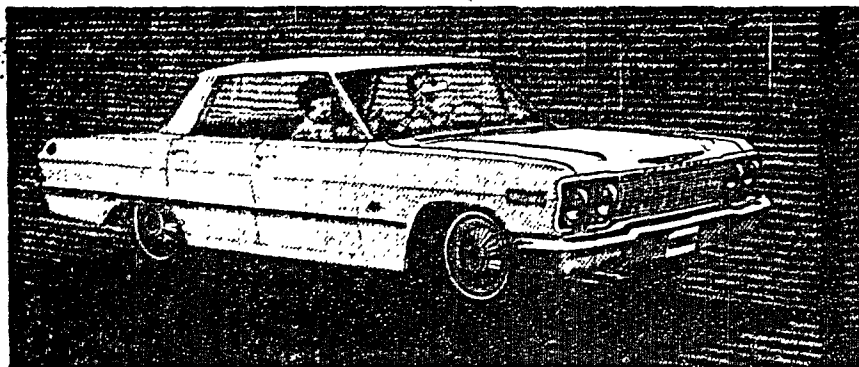
TELEVISION SERVICE CENTER

232 S. Allen St.

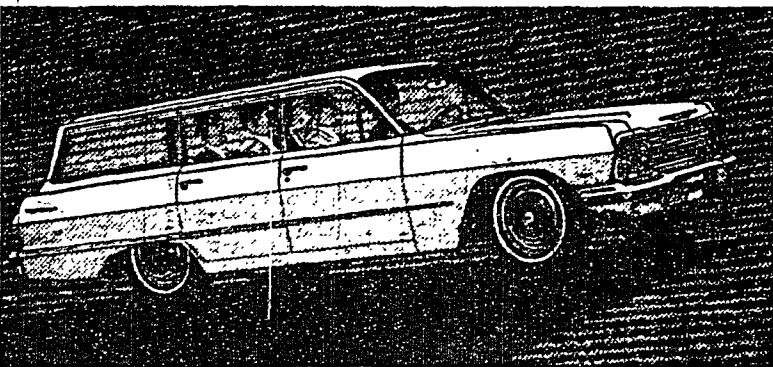
AWS Applications

for Commuting Students' Chairman Are Available at the HUB Desk

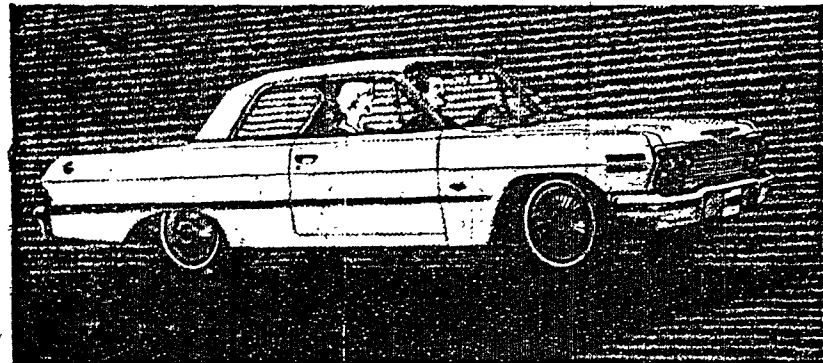
Deadline for returning forms to the HUB desk is noon of Saturday, November 3
Any Questions? Call — UN 5-4459



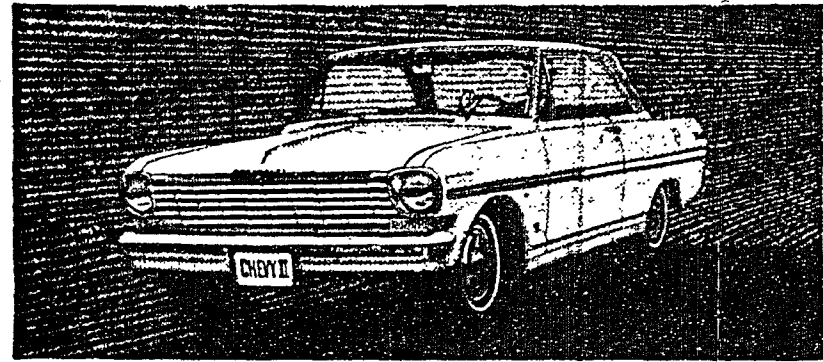
'63 CHEVROLET IMPALA SPORT SEDAN



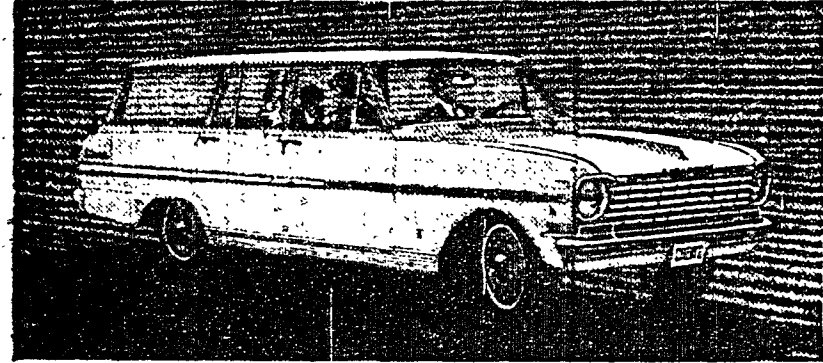
'63 CHEVROLET BEL AIR STATION WAGON



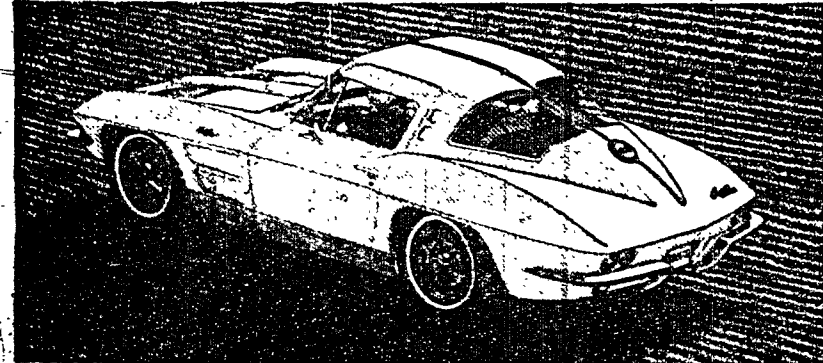
'63 CHEVROLET IMPALA SPORT COUPE



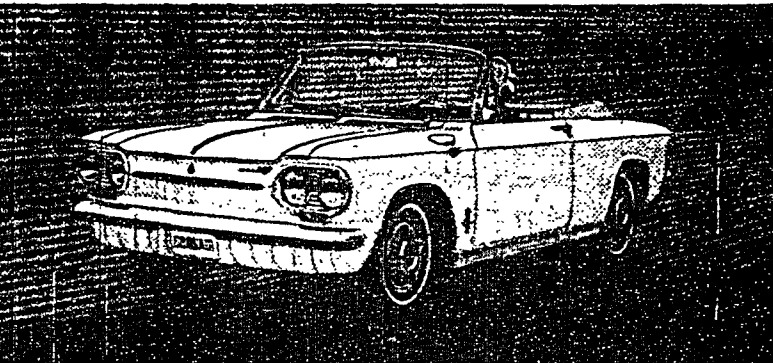
'63 CHEVY II NOVA 400 SPORT COUPE



'63 CHEVY II NOVA 400 STATION WAGON



NEW CORVETTE STING RAY SPORT COUPE



'63 CORVAIR MONZA CONVERTIBLE



NOW...GO CHEVROLET FOR ONE-STOP SHOPPING IN '63 IT'S EXCITING!

This is about the best thing that's happened to buying cars since Chevrolet started building them—four entirely different kinds of cars to choose from at your Chevrolet dealer's One-Stop Shopping Center. If you're a luxury-lover, you'll probably want to go no further than those 13 plush new Jet-smooth '63 Chevrolets. Want to give your budget an even bigger break? Step over and see what's new with those 10 nifty models of the '63 Chevy II. Or maybe you've been eyeing sports-car caps, in which case have a go at a sporty new '63 Corvair (8 of them, including three snazzy bucket-seat Monzas and those big Greenbrier Sports Wagons). There's even something for the all-out sports-car set—the daring Corvette Sting Ray. Picking a new car has never been easier. (Unless you'd like to own them all!)

It's Chevy Showtime '63!—See four entirely different kinds of cars at your Chevrolet Dealer's Showroom.