

# inside

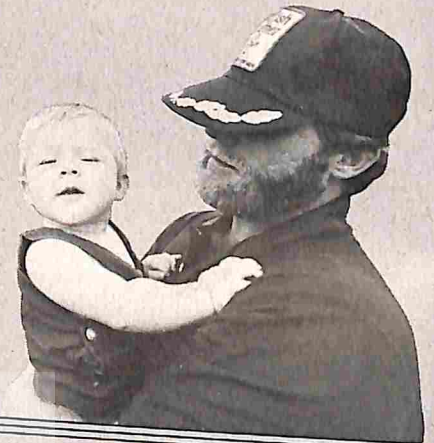
Car Craft June 1982 Volume 30 Number 6

**30.** This is the Buchanan family of Indianapolis. You could say that they're hard-core Ford lovers, probably more hard-core than Edsel Ford himself!



**71.** Is this the third generation Allen family drag racer? Young Nicholas Wade Allen attended his first drag race when he was only three days old, so it's probably safe to say that by the time he's old enough to see over a steering wheel, he'll have more trackside experience than a lot of established professional drivers. But he's going to have to go some to beat his World Champion dad, Jeb Allen, as we found out.

**94.** This is not Raymond Beadle. This lovely lady is former Dallas Cowboys cheerleader Billie Gosdin. She actually has nothing whatsoever to do with this story, but we do know a nice looking lady when we see one. If you want to see more of the nice looking race car, turn to page 94!



## features

### 24 Handling Basics

A beginner's guide to suspension systems

### 30 Family Portrait

The Buchanans' backyard Ford dynasty

### 41 Heavy Metal

Framing the Grand Prize Prototype Camaro

### 49 All-Star Drag Racing Team Ballot

Vote for racing's most deserving competitors

### 54 Out of Control

Art Ellison's outrageous '55 Chevy

### 57 Street Machine Survival Guide

A crash course in diagnosing common automaladies

### 64 Road Racers for the Street

Import flyweights take the fast lane

### 71 The Second Time Around

Jeb Allen defends his World Championship at the NHRA Gatornationals

### 75 Seven Seconds Over Gainesville

Pro Stock action at the Gators

### 80 Fit for a King

Lil' John Buttera's Buick exercise

### 82 Assembling an Autocross Package

Looking for something different to do with an automobile?

### 94 Lone Star EXPRESS

Raymond Beadle's new Blue Max Funny Car

### 98 High-Tech Timing

A "black box" to help stop redlight starts

### 100 And He Redlighted, Too!

An errant dragster meets an immovable guardrail

### 102 Lowdown and Zoomy

Our cover Camaro

## departments

- 4 Point of View
- 10 Straight Scoop
- 13 Backfire
- 17 Tech Talk
- 20 Hi-Risers
- 108 Two-Wheeling
- 120 New Products
- 134 Performance Directory
- 137 Calendar
- 138 Etc.

## staff

JOHN DIANNA Publisher  
JON ASHER Editor  
PAT RYALL Managing Editor  
J.R. MARTINEZ Art Director  
KAREN STABINS Associate Art Director  
JEFF SMITH Senior Staff Editor

NORMAN MAYERSOHN Associate Editor  
DAVID ELLIS Feature Editor  
RICK VOEGELIN Contributing Editor  
DEBBIE FEDER Editorial Assistant  
SANDY WASSERBECK Executive Secretary  
LINDA MCGUIRE Ad Services Coordinator

DICK DAY Senior Vice President, Hot Rod Publications Division

FROM '55  
TO '82

# CHEVY SPECIAL

\$1.50 JUNE 1982 In Canada \$1.75

# CAR

# CRAFT

THE COMPLETE PERFORMANCE MAGAZINE

UNDERSTANDING TRICK  
SUSPENSIONS

STREET MACHINE  
SURVIVAL GUIDE

VOTE! ALL-STAR  
TEAM BALLOT



# Highway Flyers

LOWDOWN  
& ZOOMY



06

76956 14427