

PETERSEN PUBLISHING CO.

R. E. PETERSEN Chairman of the Board
 F. R. WAINGROW President
 ROBERT E. BROWN Sr. Vice President
 DICK DAY Sr. Vice President
 JIM P. WALSH Sr. Vice President, National Advertising Director

ROBERT MACLEOD V.P., Publisher
 THOMAS J. SIATOS V.P., Group Publisher
 PHILIP E. TRIMBACH V.P., Finance
 WILLIAM PORTER V.P., Circulation Director
 JAMES J. KRENEK V.P., Manufacturing
 JO D. LAREW Treasurer Assistant Secretary
 DICK WATSON Controller
 LOU ABBOTT Director, Production
 JOHN CARRINGTON Director, Book Sales and Marketing

MARIA COX Director, Data Processing
 BOB D'OLIVO Director, Photography
 LAWRENCE FREEMAN Director, Subscription Sales
 NIGEL P. HEATON Director, Circulation Marketing and Administration
 AL ISAACS Director, Graphics
 CAROL JOHNSON Director, Advertising Administration
 DON MCGILVER Director, Research
 JACK THOMPSON Assistant Director, Circulation

ADVERTISING OFFICES
LOS ANGELES Ralph Panico, Western Advertising Director, 8833 Sunset Boulevard, Los Angeles, CA 90069, (213) 657-5100.
NEW YORK James J. Rainford, Eastern Advertising Director, Howard S. Plissner, Associate Manager, 437 Madison Avenue, New York, NY 10022, (212) 935-9150.
DETROIT Ed McLaughlin, Detroit Advertising Director, 333 West Fort Street Building, Suite 1800, Detroit, MI 48226, (313) 964-6580.
CHICAGO Dennis M. Banner, Chicago Advertising Director, John Hancock Center, 875 N. Michigan Avenue, Suite 3131, Chicago, IL 60611, (312) 222-1920.

CLEVELAND Dewey F. Patterson, Branch Manager, Suite 605, Three Commerce Park Square, 23200 Chagrin Blvd., Cleveland, OH 44122, (216) 464-1522.
ATLANTA Dale Noel, Branch Manager, 4 Piedmont Center, Suite 601, Atlanta, GA 30305, (404) 231-4004.
DALLAS Jeff Young, Branch Manager, 800 West Airport Freeway, Suite 201, Irving, TX 75061, (214) 579-0454.

PETERSEN ACTION GROUP

Ralph Panico, Western Advertising Director, Los Angeles
 James J. Rainford, Eastern Advertising Director, New York
 Edward McLaughlin, Detroit Advertising Director, Dennis M. Banner, Chicago Advertising Director, Dewey F. Patterson, Cleveland
 Dale Noel, Atlanta
 Jeff Young, Dallas

CONTRIBUTIONS: Should be mailed to 8490 Sunset Blvd., Los Angeles, Calif. 90069. They must be accompanied by return postage and we assume no responsibility for loss or damage thereto. Any material accepted is subject to such revision as is necessary in our sole discretion to meet the requirements of this publication. Upon acceptance, payment will be made at our current rate, which covers the author's and contributor's right, title and interest in and to the material mailed including but not limited to photos, drawings, charts, and designs, which shall be considered as text. The act of mailing a manuscript and/or material shall constitute an express warranty by the contributor that the material is original and in no way an infringement upon the rights of others.

CHANGE OF ADDRESS: Six weeks notice is required to change a subscriber's address. Please give both old and new address and label. Send to P.O. Box 3291, Los Angeles, Calif. 90028.

CAR CRAFT (ISSN 0008-6010)

Copyright 1980 by PETERSEN PUBLISHING COMPANY. All rights reserved. Published monthly by Petersen Publishing Company, 8490 Sunset Blvd., Los Angeles, Calif. 90069. Subscription inquiries phone (213) 657-5100. Controlled Circulation Postage Paid at Effingham, Illinois and at Salem, Illinois. Single copy \$1.50. Subscription rates: U.S. and Possessions one year \$11.94, two years \$19.94, all other countries one year \$14.94, two years \$25.94.

POSTMASTER: Please send form 3579 to Car Craft, P.O. Box 3291, Los Angeles, Calif. 90028.

STAFF

HARRY HIBLER Publisher
 JON ASHER Editor
 PAT RYALL Managing Editor
 KEN HAMILTON Art Director
 RICK VOEGELIN Contributing Editor
 JOHN BAECHEL Technical Editor
 NEIL BRITT Associate Editor
 JEFF SMITH Feature Editor
 KAREN STABINS Assistant Art Director
 LONIE MYSIOR Administrative Assistant
 DAVID ELLIS Editorial Assistant
 FRAN O'FARRELL Editorial Secretary

DICK DAY Senior V.P., Hot Rod Publications Division



44. The madman you see before you is, believe it or not, mild-mannered Iwan Jeff Smith wearing what his brand-new wife Suzy swears is his normal away-from-the-office costume. We say "brand-new" because the previous three disappeared under mysterious circumstances, but that's a story for the "National Enquirer." Anyway, Smith has come up with some very useful information on how to keep the disc brakes in your Corvette working, which is something we've failed to do with Jeff—but that too is another story. The photo, incidentally, is by the lovely Mrs. Smith.



58. Lock up your daughters; Neil Britt and Cruisin' USA are coming back to town! Well, we had this great cruising story ready, see, but the local constabulary didn't quite agree with the cruisers, so some adjustments had to be made, as you'll learn from reading Britt's latest adventure. Typically, the photos are dynamite.

FEATURES

- 21 HOW TO BUILD A SHOP**
Constructing workbenches, the basis for just about everything
- 26 AMERICA'S DREAM MACHINES**
A collection of gorgeous Corvette street machines
- 32 WORLD'S GREATEST CORVETTE RACE CARS**
The Fiberglass Hall of Fame
- 38 SPRUNG AT LAST**
A fully suspended and very quick Econo Dragster
- 44 CORVETTE DISC BRAKES**
The right prescription from the Disc Doctor
- 48 'BIRD WATCHING**
Together at last
- 50 HAWAIIAN TROPIC FUNNY CAR**
Billy Meyer's Chew Citation
- 54 LAST OF THE SUPERCARS?**
Winging out the new Dodge Mirada
- 58 CRUISIN' USA—WALNUT CREEK**
Craziness in Northern California
- 62 NHRA SPRINGNATIONALS**
The traveling Circus comes to Columbus
- 66 HOW TO BUILD A STREET MACHINE**
Installing and caring for valve covers
- 70 TRIPLE THREAT VETTE**
A turbocharged, nitrous-equipped street machine
- 72 ALL-STAR UPDATE**
The awards banquet is at hand
- 75 HOT SAUCE COBRAS**
A pair of good looking and powerful Shelbys
- 82 THE CONSERVATION CHRONICLES**
How to avoid the gas pump blues
- 90 STREET MACHINE NATIONALS WEST**
Hey, are ya comin' or not?

DEPARTMENTS

- 4 POINT OF VIEW
- 8 HI RISERS
- 10 TECH TALK
- 14 STRAIGHT SCOOP
- 16 RAPPING OFF
- 88 NEW PRODUCTS
- 94 ETC.
- 96 PERFORMANCE DIRECTORY
- 98 CALENDAR

CRUISIN' USA RETURNS!

\$1.50 SEPTEMBER 1980 In Canada \$1.75

CAR CRAFT

CAR CRAFT

THE COMPLETE PERFORMANCE MAGAZINE

- NEW SERIES: BUILDING A SHOP
- DISC BRAKE TIPS
- 360ci V-8 MOPAR SUPERCAR TEST



WILD & CRAZY Corvettes!

AMERICA'S
DREAM
MACHINES



0