

# ksc bulletin



No. 01-08 - February 23, 2001

National Aeronautics and  
Space Administration

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

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Deadline for Official/Unofficial notices - Monday, 9 a.m.

## OFFICIAL

**PHOTOGRAPHIC AND VIDEOGRAPHIC SUPPORT:** Request for photographic and/or videographic support may be obtained by calling the Aerospace Imaging customer service desk at 867-4308 located in KSC Headquarters Building, Room 2340. Support is also available at the Cape, in Building 1605, at the pickup/drop-off service desk and can be obtained by calling 853-5765. For more information on the wide range of services available visit website: [www.Aerospaceimaging.com](http://www.Aerospaceimaging.com). (PZ-J-C)

**MARCH HEALTH EDUCATION AND WELLNESS PROGRAM—MENTAL HEALTH MONTH (EAP) ANGER:** Anger is a completely normal, usually healthy, human emotion. But when it gets out of control and turns destructive, it can lead to problems: at work, in personal relationships and in the overall quality of your life. Included is information on anger management and how to handle road rage. Packets will be available at all medical facilities and upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**.

### **MARCH'S CARDIOVASCULAR DISEASE (CVD) SCREENING SCHEDULE:**

Wednesday	March 14	7 a.m. – 8 a.m.	OHF (Occupational Health Facility)
Thursday	March 15	7 a.m. – 8 a.m.	CAC (Cape Medical Facility) (TA-C2)

### **MARCH'S VISION SCREENING:** Visual Acuity and Glaucoma Testing:

Tuesday	March 13	11 a.m. – 1 p.m.	OHF (Occupational Health Facility)
Tuesday	March 27	11 a.m. – 1 p.m.	OHF (Cape Medical Facility) (TA-C2)

**FEBRUARY HEALTH EDUCATION AND WELLNESS PROGRAM—STROKE:** Stroke affects more people each year than any other neurological illness, yet it is often confused with other conditions. Find out the signs and symptoms, risk factors and prevention of stroke and what to do if one occurs. Packets will be available at all medical facilities and upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (TA-C2)

### **FEBRUARY'S VISION SCREENING:** Visual Acuity and Glaucoma Testing

Tuesday	February 27	11 a.m. – 1 p.m.	OHF (Occupational Health Facility) (TA-C2)
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**COLORECTAL CANCER SCREENING:** Small amounts of blood in your stool, which can be detected with hemoccult slides, can be an indication of colorectal cancer. Hemoccult slides and instructions are available at all medical facilities during hours of operation. (TA-C2)

**SCREENING MAMMOGRAMS** for breast cancer are available at KSC, southwest corner of the parking lot behind HQ building. Call 1-800-367-1870 for an appointment. (TA-C2)

**GRIEF SUPPORT GROUP:** SGS/CHS offers a Grief Support Group for KSC/CCAFS personnel who wish to participate. The Grief Support Group meets every Wednesday at 11 a.m. for approximately 45 minutes in Building M6-495, in the KSC Industrial Area, Occupational Health Facility (OHF) Library, **Marion.Ruffing-1@kmail.ksc.nasa.gov** or call her at 867-7398 for more information. (TA-C2)

**CANCER SUPPORT GROUP:** SGS/CHS offers a Cancer Support Group for KSC/CCAFS personnel who wish to participate. We will convene every Thursday at 11 a.m. for approximately 45 minutes, in Building M6-495, KSC Industrial Area, Occupational Health Facility (OHF) Library, Room 404. Bring your lunch and join us for this informative support group. Please email Betty Wendell at **betty.wendell-1@ksc.nasa.gov** or call her at 867-2518 for more information. (TA-C2)

**SMOKING CESSATION BEHAVIORAL SUPPORT GROUPS:** SGS/CHS Medical offers smoking cessation behavioral support groups for KSC/CCAFS personnel who wish to quit smoking. The groups are led by a physician, the employee assistance counselor, and other health education professionals. The physician prescribes Zyban (oral medication-bupropion) which has been shown to be a very effective adjunct to the nicotine patch for those willing to quit. Groups convene every Tuesday from 7:30 a.m. – 8:30 a.m., 11:00 a.m. – 12:00 noon; and, 2:30 p.m. – 3:30 p.m. to enable times for all shifts. The groups meet at the Occupational Health Facility, M6-495, in the KSC Industrial Area. Call Nancy at 867-2025 for sign-up. (TA-C2)

### **KSC/CCAFS MEDICAL CLINICS—HOURS OF OPERATION:** There are three medical clinics at KSC/CCAFS:

Occupational Health Facility (OHF) - KSC Industrial Area (SW corner of 2nd Street and C Avenue, Bldg. M6-495)  
Launch Area Clinic (LAC) - KSC Launch Area (located in the Multifunction Facility (MFF) Bldg. K6-1145, next to the cafeteria)  
Cape Area Clinic (CAC) - CCAFS Industrial Area (NE corner of Industry Road & Hangar Road, Bldg. 49635)

The three clinics are open to all KSC/CCAFS employees for job-related medical examinations and emergency medical treatments. Hours of operation are:

OHF - Mon-Friday, 7:00 a.m. - 5:00 p.m. (excluding holidays)

LAC - 24 hours-a-day, 7 days-a-week

CAC - Mon-Friday, 7:00 a.m. - 3:30 p.m. (excluding holidays)

Please note that the LAC is the only facility open 24 hours-a-day, 7 days-a-week. It is available for all work shifts and should be the primary clinic for KSC/CCAFS on second and third shifts and weekends. **For any medical emergency at anytime, anywhere on KSC or CCAFS, dial 911.** (TA-C2)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Force Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (TA-C2)

**KSC LIBRARY:** The following new books are available for loan from the KSC Library. If you need information, please call 867-3600 or visit the Library in HQ, Room 1301.

Assessment of Mission Size Trade-Offs for NASA's Earth and Space Science Missions, #532488

Beyond the Theme Parks: Exploring Central Florida, #532447

Do's and Taboos of Hosting International Visitors, #532462

Electrospray Ionization Mass Spectrometry, #532785

Everglades: An Environmental History, #532454

Federal Equal Opportunity: 2000 Yearbook, #532496

Grammatically Correct, #532728

International Space Station: The Next Marketplace, #532413

Introduction to AI Robotics, #532777

Microgravity Research in the Support of Technologies for the Human Exploration and Development Of Space and Planetary Bodies, #532470

Signing in Fourteen Languages, #532736

Understanding Global Cultures, #532744, #532751

Up for Grabs: A Trip Through Time and Space in the Sunshine State, #532439

Webster's New World Student Writing Handbook, #532793

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions, call 867-3600 or **mailto:KSCLibrary@jbosc.ksc.nasa.gov**. (TA-E1)

**KSC LIBRARY:** The following documents are available for loan from the KSC Library Documents, Specifications and Standards Department, HQ Room 1124, or by calling 867-3613:

ICAO-CIRCULAR-240: Investigation of Human Factors in Accidents and Incidents  
NASA-CP-210332: The Spacelab Accomplishments Forum  
NASA-SP-4029: Apollo by the Numbers  
NASA-TM-107249/Chapter 6: Solid Lubrication Fundamentals and Applications  
NASA-TM-208585: Debris/Ice/TPS Assessment and Integrated Photographic Analysis of Shuttle Mission STS-92  
NASA-TM-209035: Development of a Mars Airplane Entry, Descent, and Flight Trajectory  
NASA-TM-209443: Launch Vehicle Performance for Bipropellant Propulsion Using Atomic Propellants With Oxygen  
NASA-TM-210474: NDE for Material Characterization in Aeronautic and Space Applications  
NASA-TM-210477: Mission Advantages of Constant Power, Variable Isp Electrostatic Thrusters  
NASA-TM-210527: Dynamic Capability of an Operating Stirling Converter  
NASA-TM-210529: Rolling Bearing Life Prediction—Past, Present, and Future  
NASA-TM-210592: Update on the NASA GRC Stirling Technology Development Project  
NASA-TM-210598: Aerospace Nickel-Cadmium Cell Verification—Final Report  
NASA-TM-210667: Structural Sizing of a 25 000-lb Payload, Air-Breathing Launch Vehicle for Single-Stage-to-Orbit  
NASA-TM-210668: Preliminary Sizing of Vertical Take-Off Rocket-Based Combined-Cycle Powered Launch Vehicles  
NASA-TP-210193: The Effect of Radiation on Selected Photographic Film

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or <mailto:KSCLibrary@jbosc.ksc.nasa.gov>. (TA-E1)

**KSC LIBRARY:** Tours of the library for individuals or groups may be scheduled by calling 867-3600. (TA-E1)

**KSC LIBRARY—REQUEST FOR LIBRARY CIRCULATION MATERIAL:** KSC employees are required to submit KSC Form 16-19 to request library materials. A written, work-related justification and the signature of the organization's Library Materials Coordinator (LMC) are also required. The Library will not process and submit invoices for payment for materials personally ordered by employees directly from publishers or vendors. (TA-E1)

**DISCRIMINATION COMPLAINTS:** Whenever a KSC employee or applicant for employment believes they have been discriminated against based on race, color, religion, sex, national origin, age, or handicap, the employee **must contact an EEO Counselor within 45 calendar days** of the incident giving rise to the complaint. An informative Equal Employment Opportunity Program poster with counselors' identities and further complaint information is on all KSC Official Bulletin Boards. EEO Counselors are trained to inform you of your rights, answer your questions, and can do limited fact finding into your allegations. Counseling is a confidential process, and only the employee can authorize a counselor to discuss his or her issues with another party. For further information, contact the KSC EO Office at 867-9165. (AJ)

**KSC LOCATOR:** Personnel at KSC are reminded, when submitting KSC Form 13-58 (Employee Locator Information) to KSC-Locator, to verify all information including the telephone directory information block. Monthly updates to the Locator printouts should be complete. This includes the "Telephone Directory" column. The letter "T" in this column indicates that the name appears in the telephone directory. Home phone numbers will not be printed in the telephone directory unless a signed Form 13-58 is submitted. (TA-E1)

**OIG:** The Office of the Inspector General is the focal point within NASA for conducting audits and investigations to promote economy and efficiency and to prevent and detect fraud and abuse in NASA programs and operations. The OIG receives and investigates complaints or information about inefficiencies, mismanagement, or gross waste of funds; possible violations of law, rules, or regulations by NASA employees, contractors, or others; or substantial and specific danger to the public health and safety. The Inspector General will not disclose the identity of a person who provides such information without that person's permission, unless the Inspector General determines that disclosure is unavoidable during the course of investigation. NASA employees are protected by law from reprisal for making complaints or disclosing information to the Inspector General. At Kennedy Space Center, call: 867-4714, or call toll free: 1-800-424-9183, 24-hour answering service, or write: NASA Inspector General, P.O. Box 23089, L'Enfant Plaza Station, Washington, DC 20024. (OIG)

**INSPECTOR GENERAL:** The Office of Criminal Investigations (OCI) is the investigative arm of the NASA Inspector General (IG). The OCI is an independent entity and reports directly to Roberta Gross, the NASA IG, in Washington D.C. The primary mission of this component is to conduct criminal and civil investigations of reported or suspected fraudulent acts by employees, contractors, and others relating to the administration of NASA contracts and programs. Although emphasis is placed on major procurement fraud, (particularly allegations of defective/substandard parts, mischarging, kickbacks, bid rigging, and research fraud), investigations are also conducted of theft, conflict of interest, environmental and hazardous waste violations, health care fraud, and computer related crimes. OCI also provides fraud briefings for Government and contractor employees that are designed to highlight potential risks concerning fraud and related matters. Suspected violations can be reported by calling 867-4714 locally, the toll free Hotline at 1-800-424-9183, or by writing NASA Inspector General, P. O. Box 23089, L'Enfant Plaza Station, Washington, D.C. 20024. The OIG Cyber-Hotline can be accessed at [www.hq.nasa.gov/office/oig/hq](http://www.hq.nasa.gov/office/oig/hq). (OIG)

**AUTHENTICATED:**



867-4714

*Marilee Tewksbury*  
Marilee Tewksbury, Center Services (TA-E1)

**FIRE PREVENTION—A HABIT YOU CAN LIVE WITH!**

UNOFFICIAL

CAFETERIA MENU FOR WEEK OF FEBRUARY 26 THROUGH MARCH 2

<b>*MONDAY</b> Cream of Tomato Soup Meat Lasagna **West Bay Chicken & Mango Salsa w/Rice	<b>*TUESDAY</b> Chicken & Rice Soup Chicken Fricassee over a Biscuit **New Orleans Cabbage Salad	<b>*WEDNESDAY</b> Knickerbocker Bean Soup Country Fried Steak BBQ Pork Spare Rib & Baked Beans **Fiesta Potato Salad	<b>*THURSDAY</b> Cream of Mushroom Soup Shepherd's Pie Chicken Parmesan w/Pasta **Chicken Fajita w/Grilled Vegetables	<b>*FRIDAY</b> Seafood Chowder *** <b>BEST Fridays</b> Chili Mac **Beef & Pasta Salad
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\*Assorted vegetables, salads, desserts, and beverages available daily. \*\***Lighter By Choice** is our Nutritionally Balanced Selection. **Lighter By Choice** Grilled Chicken and Vegetable Burgers are available daily. Soup available daily—bowl, \$1.20/cup \$0.65. Each day a "Price Value Meal" or "Grill Price Value" is available and will be posted in each cafeteria. \*\*\***La Pomadora:** A variety of Pizza, Stromboli, Calzone or Pasta is available daily. \*\*\***BEST Fridays:** Red Beans & Sausage o/Rice, Sauteed Cabbage, Pecan Pie, 16 Ounce Drink, \$4.75.

**NASA EXCHANGE:** Calling all Boyds' collectors! Stop in our stores and check out the new items. We have figurines, cottages, knights in shining armor, princesses, and much more. They're sure to go fast so you better hurry! We also are expecting delivery of resin shoes. Yes, you read right, **SHOES!** We'll have high-heels, toe tappers, tuxedo, brave warrior, motorcycle and a few more! So if you collect shoes, The NASA Exchange store is the place to be! The NASA Exchange will be sponsoring a Book Fair at the MFF on February 23 from 9 a.m. to 3 p.m. It will move to the SSPF cafeteria on February 27 and 28. Hope to see you there!

**KSC EXCHANGE SERVICE STATION:** Lube, oil and filter—just \$19.95. This includes up to 5 quarts of oil, check fluids, tire and tire pressure, belts, hoses, alternator and battery, and a visual safety check. Call us at 453-1254 for an appointment or more information.

**KSC EXCHANGE—CITGO GAS STATION:** Pay at the pump is open 24 hours, 7 days a week, for gas and diesel. CITGO and all major credit cards accepted. For information, call 453-1254.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 1996 Dodge Caravan, \$9,800; 1999 Chevy Camaro, \$15,500; 1998 Lincoln Towncar, \$19,500; 1995 Ford Mustang, \$5,000; 1995 Dodge Intrepid, \$4,995; 1996 Nissan Sentra, 5-speed, \$4,500; 2000 Buick Park Avenue, \$25,995; 1998 Mitsubishi Galant, \$10,000; 1995 Chevy Geo Prism, \$4,500, call 455-9400, ext. 1120. 1995 Dodge Avenger, \$5,995; 1997 Pontiac Trans Am, \$16,500; 1997 Ford Ranger, \$7,995; 1995 Buick Regal, \$5,500; 1997 Dodge Neon, \$5,000, call 386/761-9752.

**SPACE COAST CHAPTER OF FEDERALLY EMPLOYED WOMEN (FEW):** FEW is awarding scholarships for high school and/or college students who are currently attending college or enrolling in the Fall semester 2001. Students must have a GPA of 3.0 or higher to be considered. Applications should be received by March 16, 2001. For additional information or an application, please contact Jane Eitel/QA, at 867-3433; Jean Rhodes/AJ at 867-9170, or Christy Vanasse/VA-1 at 867-3749.

**SPACE COAST CHAPTER OF FEDERALLY EMPLOYED WOMEN (FEW):** Don't miss the 22<sup>nd</sup> Annual Training Program sponsored by the Space Coast Chapter of Federally Employed Women. This year's program, "**Partnering for a New Future**" is an exceptional day of training designed to help deal with the challenges which lie ahead. Training will be presented on Wednesday, March 7 and repeated on Thursday, March 8, 2001. FEW is teaming up with the KSC Federal Women's Program Working Group to present a special lunchtime program for Women's History Month which is celebrated each year in March. Col. Carol Boone, USAF Retired from the DEOMI at Patrick Air Force Base, will be the featured speaker. Sessions will be at the Holiday Inn in Cocoa Beach with registration beginning at 8 a.m. and the Program will begin at 9 a.m. Training is not limited to women or Federal employees and cost is \$70. For more information, contact your Training Coordinator or Christy Vanasse at 867-3749 or [Christy.Vanasse@ksc.nasa.gov](mailto:Christy.Vanasse@ksc.nasa.gov).



SECURITY AMBULANCE FIRE  
911 7-7911 1-7911

**AIAA SPACE 2001 CONFERENCE & EXPOSITION:** August 28-30, 2001 in Albuquerque, New Mexico. 300 Words paper abstracts deadline is extended until February 16, 2001. <http://www.aiaa.org/calendar/index.htm?cal=1>.

**20<sup>TH</sup> DIGITAL AVIONICS SYSTEMS CONFERENCE:** October 14-18, 2001 in Daytona Beach, Florida. 300 Words paper abstracts deadline is extended until March 16, 2001. <http://www.dasconline.org>.

**EXPO 2001:** GSA will be hosting their annual International Products and Services Expo from May 22 through 24, 2001, at the Orange County convention Center in Orlando. Come see displays from over 800 commercial companies. See thousands of products and services you can buy through GSA. Attend your choice of over 100 hours FREE training. See how you can use GSA to help your unit accomplish its mission. Registration and attendance is FREE to all Military and Federal employees. For more information and to Register, visit our Expo website at [expo.gsa.gov](http://expo.gsa.gov).

**WOMEN ENGINEER OF THE YEAR AWARDS BANQUET:** The Society of Women Engineers, Space Coast Section, invites you to attend the 2001 Woman Engineer of the Year Awards Banquet on February 27 at the Rockledge Country Club. The Outstanding Woman Engineer, Distinguished New Woman Engineer, Outstanding Woman Engineer Technical Achievement Award will be presented. Cost is \$30 and reservations are due by February 20. For more information, please contact Kristen Kinder, 861-4095, [kristen.kinder@swe.org](mailto:kristen.kinder@swe.org).

**MICROSOFT CERTIFIED SYSTEMS ENGINEER—2000:** Brevard Community College/Titusville Campus is offering the MCSE 2000 program beginning in March. This is a non-credit accelerated program. All classes will be held on the Titusville Campus. There will be an evening course of study consisting of 2 evenings per week and a Saturday course of study. All classes will have a \$600 registration fee that includes textbooks. The program of six courses will begin in March and complete in December. For more information and to register call the Office of Community & Professional Education at 632-1111, ext. 42044 or email: [gilesa@brevard.cc.fl.us](mailto:gilesa@brevard.cc.fl.us).

**BREVARD COMMUNITY COLLEGE (BCC):** We have many Adult Education classes scheduled this spring. You do not have to be a registered student to take these classes. They include Tai Chi, Reflexology, Women's, Men's, and Children's Health Issues, Preventing Heart Disease, and Could the Answer be your Blood Type. Please call Fran at 449-5046 or [andrisenf@brevard.cc.fl.us](mailto:andrisenf@brevard.cc.fl.us).

**EMBRY-RIDDLE AERONAUTICAL UNIVERSITY:** Dr. Wayne Harsha, program chair of the Master of Science in Technical Management (MSTM) degree program will be present at the NCO Club at PAFB on March 2, from 3 p. m. to 6 p. m., to answer any questions about the unique features of this graduate degree program. The next cluster will start March 16 at Patrick Air Force Base. The MSTM Program has been offered locally since 1992. Students earn a Master's degree in a lock-step program lasting a little over two years. The program focus is on management, communications, and team building skills needed in a technically-oriented enterprise. A laptop computer is assigned to every student for use during the program. Embry-Riddle has been located at Patrick since 1982 and is fully accredited by the Southern Association of Colleges and Schools. Contact Jan Bridgham, Space Coast Center Director, for more information or to apply at 783-5020 or email at [space\\_coast\\_center@cts.db.erau.edu](mailto:space_coast_center@cts.db.erau.edu).

**FLORIDA INSTITUTE OF TECHNOLOGY:** Florida Tech offers a variety of master's degree programs at our Spaceport site, e.g. Master of Science in: Software Engineering, Computer Science, Computer Information Systems, Space Systems, Management, Engineering Management, Acquisition and Contract Management. Evening classes are held at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also offered. Applications are being accepted for the summer semester, which begins the week of April 30. For a catalog listing all degrees, please call 453-2030 or 784-2045.

**FLORIDA SPACE INSTITUTE:** Interested in going to graduate school? The Florida Space Institute at KSC is offering an undergraduate math skills review. For more information contact Bob Petty, [fsiccas@mail.ucf.edu](mailto:fsiccas@mail.ucf.edu), phone number 452-9834.

**FLORIDA SPACE INSTITUTE:** The Florida Space Institute is sponsoring UCF/FIT/ERAU graduate engineering and math courses live at Kennedy Space Center. For more information contact Bob Petty, [fsiccas@mail.ucf.edu](mailto:fsiccas@mail.ucf.edu), phone number 452-9834; or Dr. Cynthia Hopen, [chopen@mail.ucf.edu](mailto:chopen@mail.ucf.edu), phone number 407-823-5987.

**WEBSTER UNIVERSITY:** A Master of Science in Computer Science program in the KSC area has an anticipated start date March 2001. Information on interested prospects is being accepted at this time. Call 449-4500 and speak with an Administrative Assistant or visit [www.webster.edu/spacecoast](http://www.webster.edu/spacecoast) for more information on application and registration.

#### PERSONAL



#### CARPools

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: Melbourne Beach/Indianlantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: Melbourne to LC-39 Area, seats available, 11 passenger van, Galbraith, 861-4780/259-3138.  
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to ARF/VAB/Wiltech Areas, 7:00-3:45, Adam, 867-9853/259-4138.  
Vanpool seats: Palm Bay/Melbourne/Eau Gallie to KSC Industrial Area, 7:00 - 3:45, Ivory, 867-7987/984-4316.  
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.  
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Baymont Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0829/984-3861.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2486/952-8840.  
Vanpool seats: E. Orlando/Sam's/Wal-Mart/Bithlo to LC-39 Areas/OSB/Complexes/PCC/OPF Areas, 7:00-3:30, Buddy, 867-3794/657-4941.  
Vanpool seats: Orlando/Conway Area/Union Park/Alafaya Trail to KSC North via. Contractors Road, Schaefer, 861-5640/407-273-3048.  
Vanpool seats: Orlando/University/Goldenrod/KMart/East Hwy. 50 to KSC Industrial Area, 8:00-4:30, Goff, 867-3020/407-644-0384.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam's Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.  
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: Orlando/West 50 & Hiawassee/Alafaya & 50 to CCAS Industrial Area/CX36, Higgs, 853-8353/407-880-7410.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to LC-39 Areas & ARF, 7:00-3:30, Brinko, 861-4986/407-971-0122.  
Vanpool seats: E. Colonial to HQ/O&C/SSPF Areas, 8:00-4:30, Au-Mai, 867-2697/381-0183.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Vanpool seats: Oviedo/Albertsons at Mitchell Hammock/E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Karen, 867-0045/407-568-6015.  
Vanpool seats: Oviedo/Winn Dixie (Lockwood Blvd. & 419)/Lake Mills Rd./Ft. Christmas/S.R. 50 to KSC Industrial Area, 8:00-4:30, Randall, 867-5656.  
Vanpool forming: Orlando/E. Colonial to KSC Industrial Area, to make use of KSC Fitness Center, hours TBD, Phil, 867-6052/407-382-0088.  
Carpool: Deland Area to KSC Industrial Area, 2<sup>nd</sup> Shift, Monday through Friday Murray, 867-7963/904-736-8580.  
Carpool: E. Colonial/Alafaya/S.R. 50 Park & Ride to VAB/OSB Areas & O&C Area, 7:30-4:00, Kim, 867-3911/380-8787.  
Carpool: N. Melbourne to KSC Industrial Area, 6:30-3:00, Lois, 867-3072/254-4866.  
Carpool: Oviedo/Winter Springs to KSC Industrial Area, 7:00-4:30, non-smoker, Patrick, 867-3400/407-359-3145.  
Carpool: Oviedo/Winter Springs to KSC Industrial Area, flexible hours, Patrick, 867-3400/407-359-3145.  
Carpool: Wedgefield/East Orlando/Christmas to OSB Area, 2<sup>nd</sup> shift, Dave, 861-2255/407-568-5657.  
Carpool: S. Rockledge to KSC Industrial Area, non-smoking, 7:00-3:30, Robert, 867-4448/633-3091.  
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.  
Ride needed/form carpool: DeLand/Daytona Beach/New Smyrna Beach to OPF area, flexible hours, Larry, 861-1039/904-738-1821, evenings.  
Ride needed/form carpool: Flagler Beach/Daytona to CCAS Industrial Area, 7:00-3:30, Bruce, 853-4066/904-439-9964.  
Ride needed/form carpool: Melbourne to NSLD, 7:00-3:30, flexible on hours, Smith, 867-9819/724-9926.  
Ride needed/form carpool: Clermont/West Orlando to LC-39 Area, non-smoker, 7:30-4:00, flexible hours, Jean, 861-9304/241-9074.  
Ride needed/form carpool: Orlando to KSC Industrial Area, non-smoker, 9:00-5:30, Lewis, 867-2548/407-282-2908.  
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.  
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.  
Ride needed: Merritt Island at N. Banana River Blvd. to CCAFS/E&O Building, will pay for gas, Roop, 476-3677/453-0429.  
Ride needed: Titusville at Garden Street & N. Carpenter Road to KSC Industrial Area, 7:30-4:00, Frank, 867-2874/264-0603.  
Ride needed: S. Titusville at Barna & Hwy. 50 to KSC Industrial Area, non-smoker, 7:00-3:30, Nancy, 867-2260/269-2695.  
Ride needed: Titusville at South Park Avenue & Barna Avenue to KSC Visitor's Complex, 9:00-5:00, Mukherjee, 452-4301/264-1865.

#### GARAGE SALE

Garage sale: February 24, Cocoa, 3814 Arrowsmith Drive, Morrison, 632-7543.  
Garage sale: February 24, 8-3, N. Merritt Island, 3370 Spartina Avenue, Dietrich, 453-8837.

#### REAL ESTATE FOR SALE

House: C. Merritt Island, 3-B/R, 2-bath, 2-car garage, 17x21' family room w/stone fireplace, \$110,000, Irwin, 452-7790.  
House: N. Merritt Island, Sunset Lakes, 3-B/R, 2-bath, living room, family room, large porch, hardwood/tile/carpet, on pond, \$159,900, Fisher, 454-7674.  
House: Old Rockledge, 3-B/R, 2-bath, 1618 sq. ft., new flooring, sprinkler system, fenced, \$95,000, Davis, 504-7275.  
House: Titusville, Scottsmeer, 3-B/R, 2-bath, 1300 sq. ft., 18'x28' detached garage, 36'x48' pole barn, fruit trees, fenced acre, \$83,000, Minnear, 267-0464.  
House: Edgewater, 2-blocks S. of NSB, near river, 3-B/R, 2-bath, 2-car garage, 1757 sq. ft., fireplace, sprinklers, security, more, \$129,500, 904-426-0304.  
Acreage: Holder Road, S. of Parrish Road, 1.2 acre, underbrush cleared, \$25,000/B.O., Maddox, 268-0403.

#### AUTOMOBILES & RV'S FOR SALE

1954 Sedan Delivery 454, 425 h.p., red, not many around, \$13,500/B.O., Ogram, 904-428-2448, after 5 p.m.  
1980 Chevrolet Corvette, new A/C, factory mirror T-tops, chrome engine accessories, more, 93,000 miles, \$11,500/B.O., Geiger, 267-9793.  
1984 Chevrolet Caprice Classic wagon, A/C, extras, rebuilt brakes, original owner, garage kept, \$2400, Jones, 267-0942.  
1985 Chevrolet Camaro, Z-28, 5-speed, 1 owner, 62,000 original miles, garage kept, excellent condition, \$4800, Fleming, 636-1007.  
1988 Chevrolet Camaro, V8, 5-speed, A/C, P/W, C/C, tilt, runs great, original owner, \$1600, John, 454-4659.  
1989 Mazda 626 DX, 174,000 miles, \$1150/B.O., Kulchak, 268-5785.  
1989 Lincoln Mark VII LSC, loaded, sunroof, 104,000 miles, \$3850, Farmer, 459-3652.

#### AUTOMOBILES & RV'S FOR SALE (Continued)

1991 Nissan 240 SX, hatchback, 4-cylinder, 4-speed, red, \$3100/B.O., Brown, 459-1736.  
1991 Honda Civic, 5-speed, A/C, AM/FM/cassette, appx. 147,000 miles, runs great, \$2800, Nguyen, 407-359-4923.  
1991 Ford Mustang, convertible, 4-cylinder, A/C, A/T, AM/FM/CD, \$3000, Fred, 783-6460.  
1992 Honda Accord LX, all power, cold A/C, 98,000 miles, \$6500, Hawk, 267-0121.  
1993 Dodge Dynasty, V6, P/W, P/L, carriage roof, \$3000/B.O., Perry, 453-0064.  
1993 Country Coach motorhome, 300 hp Cummins, 38', washer/dryer, corian countertops, safe, security sys., non-smokers, 64,000 miles, Paul, 636-6910.  
1994 GMC Rally wagon 2500 STX, V8, 5.0 liter, A/T, P/W, P/L, C/C, \$7300/B.O., Casey, 455-6431.  
1994 Jeep Wrangler, 4-cylinder, 5-speed, AM/FM/cassette stereo, sound bar, front locker, green w/tan top, all covers, 70,000 miles, \$7500/B.O., 794-7129.  
1995 Cadillac Eldorado, like new, non-smoker, garage kept, \$18,600, Bill, 268-3709.  
1996 Nissan XE pickup, 5-speed, A/C, AM/FM/cassette, 69,000 miles, \$4995, Townsend, 453-3917.  
1996 Plymouth Grand Voyager SE, loaded, dual A/C, upgraded child seat, P/S, P/W, C/C, AM/FM/cassette, 76,000 miles, \$9000/B.O., Brenda, 452-2280.  
1996 Nissan Altima GXE, A/T, tint, P/W, P/L, security key, blue, \$7600, Gray, 636-0894.  
1997 Dodge Grand Caravan, 3.8l, loaded, all power, dual air, luggage rack, alarm, tow pkg., AM/FM/CD/cassette, captain's seats, tint, \$12,400, 242-8158.  
1997 Ford F150 XLT, 4wd, loaded, \$17,000/B.O.; 1964 Ford Thunderbird, runs, great interior, Florida title, \$5000, Sharon, 383-0108.  
1998 Dodge Ram 1500 quad cab, SLT, bedliner, fully loaded, like new, \$15,800, Marcum, 637-7900.  
1998 Dodge Intrepid, good condition, 30,500 miles, \$15,750, Reile, 453-3302.  
1999 Ford Ranger XLT, super cab, 5-speed, CD, bedliner, like new, \$12,900/B.O., Conner, 453-4201.  
1999 Chevrolet Express cargo van, original warranty, immaculate, 27,000 miles, \$14,600, Leinbach, 267-4219.  
224" Spitzer dragster B.B. Chevy turn key, \$10,500, Taris, 631-5487.

#### HOUSEHOLD FURNISHINGS FOR SALE

Antique oak chairs, straight back, 4 total, need work, \$50/B.O., Townsend, 453-3917.  
File cabinet, 2-drawer, \$15, 783-4818.  
Single waterbed, light oak, headboard w/6 drawers, mattress, heater, \$150/firm, Michael, 407-977-0121.  
Black bunkbed w/mattress, \$100/B.O.; 2 La-Z-Boy recliners, blue, \$75/each, B.O., \$150/B.O., 452-2522.  
Trundle bed w/upgraded mattresses, \$200; dark oak end tables w/drawers, 2 large, 1 small, \$75/each; 2 barstools, light oak, swivel, \$50/each, 452-7026.  
King 6-piece waterbed bedroom suite, black lacquer, \$350/B.O., Bodrick, 544-0035.  
Daybed, trundle, 2 mattresses, like new, \$225; Broyhill table, 6-chairs, china cabinet, \$525; White stucco coffee table w/3' glass top, \$45, 459-3652.  
Space Shuttle bed, \$60, D'Amico, 631-6563.  
Barcalounger recliner, swivels & rocks, beige, \$250/B.O., 269-7766.  
Solid oak loft bed w/mattress, 5-drawers, 3 shelves, 2-drawer desk w/overhead light, matching 3-drawer desk w/hutch, 2 chairs, \$800/B.O., 383-9769.  
Oak 4-drawer dresser, oak finish on particle board, \$50, Sue, 632-0982.  
Dining room table w/beveled glass top & dolphin pedestal, 6 white Parsons chairs, full tan covers, scotchguarded, 6-months old, \$750, Fran, 638-4889.  
Baby crib w/mattress & sheet, \$35, Pandolf, 783-0898.  
Dining room table, 42"x53" leaf, 4 arrowback chairs, maple color w/green trim, \$250, Dan, 454-3699.

#### APPLIANCES FOR SALE

G.E. self-cleaning oven, almond, \$175; G.E. side-by-side refrigerator w/ice & water, almond, \$200; Kenmore washer, \$125; Kenmore dryer, \$30, 459-2702.  
Hotpoint kitchen range, free standing, self-cleaning oven, white, \$100, Denis, 632-4120  
Microwave, \$50/B.O., Skipper, 452-2522.  
Kenmore washer & dryer, mint condition, \$300, Bodrick, 544-0035.  
Quasar 700 watt spacesaver microwave, mounts over stove, top-of-the-line, many good features, \$150, Fowler, 633-1640, after 5 p.m.  
Amana side-by-side refrigerator w/beverage cooler & ice/water dispenser, black, \$500/B.O.; O'Keefe & Merritt spacesaver microwave, \$25, Scott, 784-6259.  
Sears Kenmore dryer, extra large capacity, white, \$75; G.E. 18 cu. ft. refrigerator, excellent condition, \$200, King, 267-8371, leave message.

#### MOTORCYCLES & EQUIPMENT FOR SALE

1979 Harley Sportster, fat tank, Mikuni carb., bags, Hyper charger, extended fork, extra seat, new tires & battery, \$6000/B.O., Anderson, 904-428-9275.  
1983 BMW R80ST, fairing, garaged, pearl white, 25,000 miles, \$3480, Downs, 268-2707, after 5 p.m.  
1985 Honda CR500 motorcycle, FMF pipe, runs strong, needs minor electrical work, \$600, Lockwood, 725-0706.  
1989 Harley Davidson FXSTS, excellent condition, \$11,500/B.O., Pete, 264-0542.  
1994 Honda Magna 750cc, lots of chrome, accessories, 26,000 miles, \$3500, Harris, 636-9104.  
2000 Harley Super Glide FXD, TC-88, cobalt blue pearl, spokes, Eagle pipes, Corbin seat, Progressive 11" shocks, risers, 1700 miles, \$14,500, 267-9793.

#### BOATS & EQUIPMENT FOR SALE

12' Landau Jon, good condition, no leaks, \$300/B.O., Tony, 268-5939.  
12' aluminum airboat, 220 Continental, rebuilt mag, new plug wires, Holley 500, 3/4 decked w/walkaround sides, new Polymer, runs great, 637-8973.  
20'3" Stratos 201 Pro, 1992, 150 Johnson fast strike, OMCG trolling motor, 3 batteries, on-board charger, 2 depth finders, tandem trailer, \$8750, 639-8865.  
1996 Yamaha Wave Raider, garage kept, \$2250, Taris, 631-5487.  
Deep cycle batteries, 4 total PRC 12110-X, 12 volt, 110 amp, 1 year old, \$150/all, 783-4818.

#### MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Best Data V.90 56K BPS PCI fax modem, Best Data CD ROM software, modem requires 166 or higher CPU & MMX, \$20/firm, Tony, 773-1008, evenings.  
Horizon AS101 marine stereo speakers, flush mount, new, \$40, 783-818.  
KLH patio surround sound speakers, 5"x7", new, \$35; 33 1/3 albums, excellent to new condition; Emerson AC/DC VCR w/remote, \$95/B.O., 783-4818.  
Microphones, 1 - EV308A, 3 - SM57 microphones w/5 mic cables, \$200/all, Norm, 253-6429.  
Altec Lansing computer speakers, Model AC541, \$15, Sherman, 407-352-2339.  
Sony CDX-C580 car CD receiver, 40 watt x 4, V4 pre-amp out, \$125; Infinity car speakers, 4622CF 4x6 & 6912I 6x9, \$100, Mercer, 633-6241.  
Sony Playstation, 2 controllers, 9 games, excellent condition, \$135, Molina, 433-0047.  
Acoustic/electric guitar w/deluxe hard shell case, \$200, Blaylock, 269-2757.  
Piano, good condition, \$300, Perez, 383-0559.  
Super Nintendo games, \$5/each, D'Amico, 631-6563.  
Canon Bubblejet 620 color printer, ink refill kit, \$40, Curt, 799-0174.  
RCA 27" console color TV, \$150, Osborne, 632-7375.  
Dell laptop, Windows 3.1, older, no CD ROM, Excel, Microsoft Office, like new, w/case, \$250; Hewlett Packard Deskjet 600 color printer, \$40, 632-0982.  
Kenwood KRC-502 car stereo, AM/FM/cassette, CD control, removable face plate, like new, in box, \$75/B.O., Duncan, 453-6783.  
Router, hooks up 4 computers to your modem, \$100, Downing, 783-7093.  
Windows ME, full up version, \$135, Pandolf, 783-0898.

#### MISCELLANEOUS FOR SALE

NASCAR Winston cup & Busch races in Bristol, weekend of March 24, Minnebo, 452-1302.  
Factory service manual for 1992 Honda Accord, \$30, Severs, 383-4110.  
Medela Pump In Style dual breast pump, \$150, Pataky, 264-9416.  
UGG boots, suede w/wool lining, size 9 1/2, like new, \$40; 500,000 cp rechargeable floodlight, \$30; 783-4818.  
Hockey roller blades, Nike, size 13, \$50, Michael, 407-977-0121.  
Rope hammock, double wide, forest green pillow, never used, excellent condition, \$50/B.O., Zoellner, 452-8422.  
Weight bench, 2 - 25 pound weights, bar, \$25, Norm, 253-6429.  
Camshaft 1993 5.0L Ford, new, \$110/B.O.; 1973 VW 48 h.p. 1600 TY I parts: 3 CV joints, 3 boot kits, clutch, points, condenser, \$100/all, Firm, 632-0238.  
Aquarium, 40 gallon, includes Whisper air pump, filter, heater, light, Aqua Clear filter & vacuum, \$150, Fowler, 633-1640, after 5 p.m.  
Golf clubs, new bag, putter, \$75, Morrison, 632-7543.  
Large rabbit cage, 7'x3'x3', \$40/B.O., Brahm, 453-7445.  
Golf clubs: Taylor Made Bubble-2 driver & 3 wood, like new, \$95/each, \$175/both, Arnold, 632-7950.  
Home gym, like new, \$75, Cain, 254-3953.  
Florida Marlins spring training tickets, 2 total, front row, 3<sup>rd</sup> base, 3/1, 3/2, 3/5, 3/7, 3/19, 3/22, \$13/each, Beeler, 784-2555.  
Kitchen cabinets, solid oak fronts, \$700; miscellaneous building materials; Ford F-150 pickup aluminum rims, tires & siderails, Gleman, 264-0057.  
Reese 15K 5<sup>th</sup> wheel hitch, \$300; Stowmaster tow bar, QD mounts, cover, \$250; fiberglass Ford F-150 pickup topper, silver, \$250/B.O., 269-2757.  
Utility trailer, 5'x8', new pressure treated wood, new lights, spare tire, all excellent condition, \$350/B.O., Schurman, 456-9957.  
AMC 360 Edelbrock intake manifold & valve covers w/4-barrel carb., \$200/B.O., Brown, 773-6858, after 5 p.m.  
Morrore Cook All outdoor fryer w/heavy duty 10 qt. cast iron pot w/lid, 170,000 btu, new tank, all new, never used, \$79, 383-8468, leave message.  
LT-1 Corvette motor, new, in crate, long block w/cast iron heads, \$6000 from dealer, reasonable offer, Thomas, 637-8973.  
Worth baseball softball equipment bag, large size, deluxe, new, in package, \$25, Krause, 267-5573.  
Assorted Marine Corps uniforms, camo/dress greens, B.O., Charlick, 799-0174.  
Craftsman scroll saw w/stand, excellent condition, \$60, Palin, 454-9875.  
Radiator, heavy duty 3-row copper w/cooler for automatic transmission, recently rebuilt, fits 1988-1998 Chevy pickup, \$125/B.O., Duncan, 453-6783.  
Wolf car bra, fits 1998-2000 Nissan Altima, new, used 1 month, \$40, Forbes, 267-3583.  
Raptor paintball marker, stock on barrel is handmade PVC pipe fore grip, good condition, \$95, Emmick, 268-1588.  
Wedding gown w/trail, candlelight ivory satin w/seed pearls/sequins/tea roses, headpiece w/tea roses, net veil w/satin trim, size 4, \$600/B.O., 631-2691.  
Evenflo infant carseat/carrier, 2 total, \$20/each, Whitson, 633-9292.  
Inverter, like new, for exercise or stretching, \$150, Downing, 783-7093.  
Yanmar 7 h.p. air cooled diesel engine, electric start, for pressure washer, pump generator, never used, \$1200, Gebert, 638-0293.  
Action Ranger II powered wheelchair, on-arm joystick, footrest, battery charger, operators manual, like new, \$1000, Mangieri, 454-3699.

#### MISCELLANEOUS WANTED

Wedding dress, size 8, reasonably priced, 639-6216.  
Total Gym exercise machine, reasonably priced, 783-4818.  
Singer sewing machine, lightweight, Model 221, with or w/o case, Hendriksen, 452-0633.  
2-man sea kayak w/paddles, John, 784-9041.  
AM/FM car radio w/cassette player for 1993 Dodge Grand Caravan, Bob, 452-6154.  
Alloy aluminum rims, 4 total, 15x8, for Chevrolet pickup, Upshaw, 631-9561.  
RCA VHS camcorder, 10-15 years old, for parts; rear bumper from 1986-1991 Ford Taurus stationwagon, 632-4098.  
Astronaut autographs from Mercury, Gemini, or Apollo era, Mangieri, 454-3699.

