

# ksc bulletin



No. 20-00 - May 19, 2000

National Aeronautics and  
Space Administration

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

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.

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URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)

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

## OFFICIAL

**KSC BULLETIN:** Because Monday, May 29, 2000 is a holiday, the deadline for the June 2 publication is **9 a.m., Friday, May 26, 2000.** (FF-S2-A)

**OFFICIAL/UNOFFICIAL KSC BULLETIN NOTICES:** Personnel who wish to make changes to, or withdraw, an already submitted Official or Unofficial KSC Bulletin notice, must do so **IN WRITING** no later than 9 a.m., Monday, prior to the Friday publication date. Changes and withdrawals cannot be accepted by telephone. Mail or fax changes or withdrawals to Marilee Tewksbury, FF-S2-A, FAX/867-1458. (FF-S2-A)

**MAY HEALTH EDUCATION AND WELLNESS PROGRAM—HIGH BLOOD PRESSURE MONTH:** High blood pressure is often called the "silent killer" because hypertensives have few, or often, no symptoms. Millions have the disease, but are unaware of it. Blood pressure checks are available at all medical clinics during hours of operation. For National High Blood Pressure Month, on-site blood pressure checks will be conducted as follows:

Wednesday	May 24, 2000	11 a.m. - 1 p.m.	ITL Warehouse CCAS
Thursday	May 25, 2000	11 a.m. - 1 p.m.	SSPF Cafeteria
Wednesday	May 31, 2000	11 a.m. - 1 p.m.	CX36 Site Support CCAS (JJ-C)

**MAY'S VISION SCREENING: VISUAL ACUITY AND GLAUCOMA TESTING:**

Tuesday	May 23, 2000	11 a.m. - 1 p.m.	OHF (Occupational Health Facility) (JJ-C)
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**COLORECTAL CANCER SCREENING,** with Hemoccult slide kits, is available at all medical facilities during hours of operation. (JJ-C)

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

**WORK SITE LECTURES** on any health subject upon request. Individual counseling, including smoking cessation, is available by appointment or on a walk in basis. Carol Roth, 867-3414 or 867-2026, CHS-005, email **Roth-1, Carol.** (JJ-C)

**HEALTH EDUCATION AND WELLNESS TRAINING TAPES ON KSC's CHANNEL 60:** NASA's Training and Information Channel. Presented every Friday at 11 a.m. (JJ-C)

**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. (JJ-C)

**OCCUPATIONAL HEALTH PROGRAM:** NASA's Occupational Health Program is participating in a cutting-edge research project to assist in smoking cessation and to aid in staying smoke free. The program can be accessed from your desktop. Civil servants and contractors are eligible to participate. To access the program a link has been added to the NASA Occupational Health Program website at <http://ohp.ksc.nasa.gov/>. For additional information on the program contact the QuitCigs Project, ORCAS, 800-934-0626, [quitcigs@orcasin.com](mailto:quitcigs@orcasin.com). If you have problems accessing the program, contact Steve Pierce, 867-7554, **Pierce-1, Steve.** (JJ-C)

**KSC REHAB WORKS:** KSC Rehab Works is offering two educational classes for all KSC/CCAFS employees:

**Carpal Tunnel Syndrome Prevention:** May 30, from 12:00 noon - 12:30 p.m., in the O&C Building, Room 3132.

**Back at Work:** Every 3<sup>rd</sup> Thursday, from 10:00 a.m. to 11:00 a.m., in the O&C Aerobics Room (inside the Fitness Center.)

Call 867-7497 to sign up or email **Mary.Kirkland-1@ksc.nasa.gov.** (JJ-C)

**NUTRITION TIP OF THE WEEK—FROM THE KSC FITNESS CENTERS:** Do you enjoy eating nuts but are concerned that they are too high in fat? This might surprise you, but nuts can be included in a healthful eating plan, if you watch your portion sizes. Nuts are high in fat, but mostly unsaturated fat. And, when consumed in small amounts, can help lower cholesterol. Nuts are also a good source of fiber, protein, vitamin E, zinc and folate. So, enjoy nuts in your summer salads, but start with small portions. One tablespoon of most nuts has 80 to 100 calories and 1 to 3 grams of protein. Using chopped nuts makes a small amount go a long way. Incorporating a variety of nuts in your meals will add many different flavors. So, try peanuts in your stir-fry, almonds on your vegetables or pecans on top of fruit salads. Not only will your taste buds be tantalized, but the crunch of nuts can make a meal more satisfying. (JJ-C)

**FLAGS AT HALF STAFF:** The flags of the United States flew at half staff on Monday, May 15, 2000, in compliance with Presidential and Congressional direction. May 15 has been designated as Peace Officers Memorial Day in honor of Federal, State, and local officers killed or disabled in the line of duty. (FF-S2-A)

**FLAGS AT HALF STAFF:** The flags of the United States flew at half staff at the Kennedy Space Center on Wednesday, May 10, 2000, in honor of Mr. Ronald C. Meeker, a safety engineer with the National Aeronautics and Space Administration. Mr. Meeker died on May 5, and his funeral was on May 10. (FF-S2-A)

**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 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. (JJ-C)

**KSC BADGING OFFICIALS AND PBIMS/PASS USERS:** The PBIMS computer system that supports KSC Badging, Personnel Reliability Program and Key Control Program, will be taken off line at 5 p.m., Friday, May 19, 2000, in order to transfer data to the Personnel Access Security System (PASS). The PASS system will be loaded and become operational at 6 a.m., Monday, May 22, 2000. System users and badging officials should be prepared to experience some minor delays in the Visitor Badge issue process at the badging stations, PIDS I and III as the new system comes on line. Badging Officials are also encouraged to submit all know visitor badge requirements prior to 2 p.m., Friday, May 19, 2000. **The new system produces all badges on PVC Card Stock.** The KSC Picture Badge will be printed on one side of the card, while the Area Permit will be printed on the reverse side. Foreign National Visitor Badges will be printed on Green PVC Card stock. Temporary Area Authorization forms will be printed on Yellow and Pink PVC Card stock, as appropriate, for identifying To Be Escorted and Unescorted entry. **SGS Security, Visitor Records Center, 867-7763.** (TAE2)

**HURRICANE AWARENESS TRAINING:** The 2000 Hurricane Season begins June 1 and runs through November 30, 2000. The Annual Hurricane Awareness Training for Hurricane Coordinators and Damage Assessment and Recovery Team Members will be conducted on May 24, 2000 in the NASA Training Auditorium at 1 p.m. Everyone is invited to attend, with approval of their supervisor. (TA-E2)

**KSC ELECTRONIC FORMS TRAINING:** To all KSC licensees of KSC Electronic forms, training is now available for a limited time. Training will cover general use of the FormFlow Filler software, local databasing concepts as it applies to electronic forms, and email capability. Classes are approximately 2 1/2 hours long. All interested NASA and J-BOSC personnel, please contact your appropriate training coordinator for class scheduling. Boeing personnel, please contact Kathy Brothers at 867-4429, or via email at **Kathleen.Brothers-1@ksc.nasa.gov.** Classes are being held now through May only. All other KSC licensees, please contact Jeanne Madden at **Jeanne.Madden-1@ksc.nasa.gov.** (FF-S2-A)

**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.

- Action & Self-Development, #522547
- Businesslike Government, #518966
- Case Studies in Optimal Design and Maintenance Planning of Civil Infrastructure Systems, #522604
- Developing the Future Aviation System, #522430
- Dialogue and the Art of Thinking Together, #522646
- Disability and the Family Life Cycle, #522620
- Gas and Chemical Lasers and Intense Beam Applications, #522737
- Guidebook for Performance Improvement, #522596
- Improving Your Measurement of Customer Satisfaction, #522364
- Information for Innovation, #522422
- Information Technology for Knowledge Management, #522356
- Managers, Part of the Problem?, #522612
- Managing Construction Equipment, #522711
- Measurement Made Accessible, #522570
- Motivation: Theories and Principles, #522554
- Safety Through Design, #522752
- Shaping Organization Form, #522562
- Simplified Strategic Planning, #522695
- Technical Writer's Companion, #522638



To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions, call 867-3600 or mailto: [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov). (FF-S2-A)

**KSC LIBRARY:** The following new Specifications and Standards are available for use in the KSC Library Documents, Specifications and Standards Department, HQ, Room 1124, and are not available for loan.

- ASHRAE-909-RD: Determine the Efficacy of Antimicrobial Treatments of Fibrous Air Filters
- CGA-P-1: Safe Handling of Compressed Gases in Containers

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto: [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov). (FF-S2-A)

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

- CPIA-PUB-696-VOL-1: 49<sup>th</sup> JANNAF Propulsion Meeting
- KSC-00417: Rocket Noise Prediction Program
- NASA-TM-210076: Test Report for NASA MSFC Support of the Linear Aerospike SR-71 Experiment (LASRE)
- NASA-00147: Audit Report: Audit of Transportation costs for Non-NASA Payloads Flown in the Spacehab Module
- NASA-00148: Audit Report: Earned Value Management at NASA
- NASA-00149: Audit Report: Fire Sprinklers at the Mission Control Center
- NASA-00150: Audit Report: JPL Management of Subcontractor Technical Performance
- NASA-00151: Audit Report: Space Station Corrective Action Plans

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto: [KSCLibrary@ksc.gws00.ksc.nasa.gov](mailto:KSCLibrary@ksc.gws00.ksc.nasa.gov). (FF-S2-A)

**KSC LIBRARY—INTERNET RESOURCES:** [Applied Science and Technology Index](#) and [Business Periodicals Index](#) are now available on the World Wide Web from KSC networks at <http://wilsonweb2.hwwilson.com/autologin/>. For assistance call 867-3600. (FF-S2-A)

**KSC LIBRARY—HOURS OF OPERATION:** The Reader Services and Acquisitions Departments of the KSC Library are open from 6:45 a.m. to 5:00 p.m., Monday through Friday. The Archives and Documents/Specifications & Standards Department are open from 7:30 a.m. to 4:00 p.m.; however, assistance in all departments during the expanded hours can be obtained by calling 867-3600. (FF-S2-A)

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

To search the Library's on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or mailto: [KSCLibrary@ksc.gws00.ksc.nasa.gov](mailto:KSCLibrary@ksc.gws00.ksc.nasa.gov). (FF-S2-A)

**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)

**MISUSE OF THE NASA INSIGNIA:** Use of the computer templates, containing the NASA Insignia, for the production of NASA letterhead in electronic form is not authorized and should be removed from all computer systems. The Associate Administrator for Public Affairs has requested all NASA centers use only the printed NASA letterhead stationery. "The use of computer file NASA Insignias to custom design stationery provides opportunities for image manipulation and standards degradation which will adversely reflect the professional image of the Agency." If not approved for specific applications, electronic images of the NASA Logo ("worm") and Insignia ("meatball") should be removed from computer systems. (FF-S2-A)

**COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:**

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
*CPP 017-00	AST, Data Systems (Comp.Eng.), GS-0854-13	Status Candidates & Certain Veterans	05-19-00/06-02-00	UB-G3
*CPP 018-00	AST, Launch & Flight Ops., GS-0801-13	"	05-19-00/06-02-00	PH-MI
KSC-00-24	AST, Technical Management, GS-801-13	All Candidates	05-15-00/05-19-00	FF
KSC-00-25	AST, Ground Data Systems, GS-854-9	"	05-22-00/05-26-00	YA
KSC-00-26	AST, Flight Structures, GS-861-13	"	05-22-00/05-26-00	PH
KSC-00-27	AST, Automation Processes, GS-801-12	"	05-22-00/05-26-00	FF

Applicants must submit an application (OF 612, Optional Application for Federal Employment) for this position. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404.

\* These positions are open to all Federal Civil Service Employees holding Career or Career-Conditional appointments and to former Federal Employees who have reinstatement eligibility. (HM-A-3)

**AUTHENTICATED:**

*Marilee Tewksbury*

Marilee Tewksbury, Center Services (FF-S2-A)



**KSC Recycles**

**FIRE EXTINGUISHERS ARE THE KEY FOR WORKPLACE SAFETY. LOCATED YOURS LATELY?**

**UNOFFICIAL**

**CAFETERIA MENU FOR WEEK OF MAY 22 THROUGH MAY 26**

*MONDAY	*TUESDAY	*WEDNESDAY	*THURSDAY	*FRIDAY
Vegetarian Lentil Soup Spinach & Cheese Lasagna Chicken o/Apple Walnut Stuffing **Chicken Fajitas	Cream of Spinach Soup Sweet Sausage, Broccoli, Roasted Garlic & Rigatoni w/Basil Marinara Slow Cooked Turkey w/ Cranberry Relish Beef & Bean Burrito o/Hearty Chili **Penne w/White Bean & Chicken	Wild Rice & Mushroom Soup Penne w/Julienne Vegetables Marinated Spanish Pork **Escalloped Turkey Tetrazzini	Calico Bean Bowl Soup Manicotti w/Garlic Parmesan Roll Fresh Baked Turkey Pot Pie **Ginger BBQ Chicken Breast	New England Clam Chowder Noodle Soup Wild Mushroom Pasta w/Chicken Fisherman's Platter: Fried Clams, Cod & Crab Cake **Breast of Chicken Marsala

\*Assorted vegetables, salads, desserts, and beverages available daily. \*\***Lighter By Choice** is our Nutritionally Balanced Selection. 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.

**NASA EXCHANGE:** New selections of home accessories in Asian designs are in stock now. Selections include: Sashimi plate sets, napkin holders, photo frames, candles and candle holders. Visit the Exchange Stores to discover these beautiful items that reflect the Asian culture.

**KSC EXCHANGE SERVICE STATION:** Computer balance and rotate four wheels. This week's special—only \$24.95. Also available—shocks, struts, front-end components, 2-wheel alignment. Call 453-1254 for additional information or an appointment.

**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.

**NASA EXCHANGE JOB OPPORTUNITIES:** Open position with the NASA Exchange for Receptionist/Accounting Assistant. Mail resume to: B.J. Rosburg, Mail Code: EXC, or hand-deliver at KSC Headquarters Building, Room 1156.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 1996 Mercury Sable LS, 4-door, \$6,995; 1995 Isuzu Rodeo, 5-speed, \$8,995; 1999 Chevy Cavalier, 2-door, Z24, \$13,300; 1995 Mazda Miata, \$9,995; 1997 Dodge Maxi Wagon, \$12,995; 1999 Mitsubishi Eclipse, \$13,900. Call 455-9400, ext. 1121. 1997 Ford Thunderbird LX, \$12,500, call 904/761-9752.

**KSC EXCHANGE HAIRSHOPS:** Is it time for a "New Look," or a trim or to freshen up for Summer? Come browse through our style books for a "free" consultation. Our staff can perform all your hair needs. We provide the latest in styles; Regular haircuts, braids, colors, perms, beard trims, flat-tops, and the "Executive" or "Razor" cuts. Call 867-7077, HQ, Room 1250, and ask for Joyce, or call 861-3026, OSB, Room 1118, and ask for Fred or Raquel.

**KSC SPACE SCHOLARS DAY CAMP:** Enroll your children ages 8 to 14 years in a summer day camp they'll never forget. Campers will meet an astronaut, build robots, launch rockets and tour restricted areas of KSC. June and July week-long camps are still open. \$240 tuition includes all programs, meals, T-shirt and supplies for five days of fun and learning. All KSC and CCAFS employees receive a 10 percent discount. Call KSC Visitor Complex at 449-4444 to register.

**KSC TOASTMASTERS:** Space Center employees are constantly in the public eye and in situations which require you to represent the United States Space Program. Employees are encouraged to develop their communication and leadership skills to meet this challenge. Toastmasters International is a professional, multi-level training program for both beginning and advanced education in the critical skills of "listening, thinking, and speaking"—all important tools in both the work environment and your personal lives. NASA has recognized this by reimbursing civil servants for the cost of training. For more information on the Toastmasters organizations and the three different locations/dates for training sessions at KSC and CCAFS, contact Mike Schnoke, Jack Jamba, Bill Cleaver, Dian Hardison, or Nona Mamaradlo at 784-7502.

**MICROSOFT OFFICE 97 TRAINING:** Spring training is in the air! Why not take advantage of the opportunities presented by the Astronauts Memorial Foundation (AMF)? The May - June 2000 course schedule is as follows:

Access 97                    May 23, 24 and 25  
Excel 97                    June 13, 14 and 15

All courses are designed to teach professionals the powerful and intuitive features of the programs through beginning and intermediate level instruction. The hands-on training sessions are conducted at the Center for Space Education located at the KSC Visitor Complex. Contact Andrea Cann, the AMF Education Assistant, at 452-2887 for more information.

**EMBRY-RIDDLE AERONAUTICAL UNIVERSITY (ERAU):** ERAU will be starting AMT courses at the Space Port Authority Building near NOTU at KSC. The classes will be offered in cluster format starting May 30. ERAU will also be starting a new Master of Science in Technical Management cluster in the Fall. Class sizes are limited so please call the ERAU office at 783-5020 for more information on how to register.

**EMBRY RIDDLE AERONAUTICAL UNIVERSITY (ERAU):** ERAU is now offering five terms per year. Our next term begins May 29, 2000. Classes are held in the evenings to accommodate working adults. We now have a classroom site at the Spaceport Authority Building near NOTU at KSC. Undergraduate Degree programs include the AS and BS in Aviation Business Administration and Professional Aeronautics, and the BS in the Management of Technical Operations and Aviation Maintenance Management. Graduate degree programs include the Master of Business Administration in Aviation, the Master of Aeronautical Science, and the Master of Science in Technical Management cluster program. The Aviation Maintenance Technology (AMT) series begins this term. These six college credit classes can be used in the technical areas of our undergraduate programs and as a review for the A & P exam. Please call the office at 783-5020 or email us at [space\\_coast\\_center@cts.db.erau.edu](mailto:space_coast_center@cts.db.erau.edu) for more information.

**FLORIDA INSTITUTE OF TECHNOLOGY:** Florida Tech offers a variety of master's degree programs at our Spaceport site, e.g., Master of Science in: COMPUTER INFORMATION SYSTEMS, SPACE SYSTEMS, MANAGEMENT, Engineering Management, Acquisition and Contract Management. Evening classes are offered at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also available. Florida Tech, in association with the Hughes Corporation and TeleUniversity, will break new ground in distance education this summer. Satellite linkups and broadband computer technology installed in students' homes will make full motion lectures a reality in a new graduate level Distance Learning course in marketing. This course starts May 15. Florida Tech is located in the Industrial Area at the NASA Education and Training Center, corner of 2nd Street and B Avenue. Applications are being accepted for both the summer and fall semesters. For a catalog or new student application packet, please call 453-2030 or 784-2045.

**FLORIDA SPACE INSTITUTE:** The Florida Space Institute is offering a Mathematics Refresher Course this Summer at the Center for Space Education, next to the KSC Visitor Complex, from 4 p.m. until 7:15 p.m. on Mondays. The course began May 8, 2000 and runs through July 31, 2000. The course includes a review of Pre-calculus, Calculus, and Differential Equations. To register contact Nancy Barker at 449-5046 or 449-5047.

**WEBSTER UNIVERSITY:** Master's degrees for the working professional. Nine programs to choose from including MBA, Computer Science/Distribution Systems, and Human Resources Management. □Small classes with individual attention. Call now - 449-4500 or visit [www.webster.edu/spacecoast](http://www.webster.edu/spacecoast).

#### 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: S. Daytona to KSC Industrial/CCAS Industrial/CX17 Areas, via U.S. 1 & S.R. 3, 7:00-3:30, Armitage, 867-8198/904-788-2629.  
Vanpool seats: IHB/Satellite Beach/PAPB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.  
Vanpool seats: Satellite Beach/CB/CC to CRCA/LOG/OSB/VAB/LCC Areas, 7:00-3:30, Wendy, 861-6001/773-5822.  
Vanpool seats: Melbourne Beach/Indialantic/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, 7:00-3:30, seats available, Cam, 861-7875/259-1955.  
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: Melbourne/Eau Gallie/Viera to OSB/LOG/VAB/OPF/LCC/Pad A & B, Galbraith, 861-0762/259-3138.  
Vanpool seats: Palm Bay/Eau Gallie/Viera to USBI/OSB/LCC/VAB Areas, 7:00-3:30, Adam, 861-6818/321-259-4138.  
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 (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-0851/984-3861.  
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, 861-2488/952-8840.  
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.  
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.  
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.  
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 via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.  
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: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, try a FREE ride, Lewis, 867-3326/407-282-2908.  
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 at HQ/O&C/SSPF Areas, 8:00-4:30, Au-Mai, 867-2697/381-0183.  
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Erik, 867-4684/657-6032.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.  
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.  
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: Scottsmeer/Mims/Titusville to O&C/CCAS Industrial Areas, 7:00-3:30, Leon, 853-5231/383-1116.  
Vanpool ride needed: Suntree/Viera to HQ/L7-1557 Building, 7:00-3:30, Justin, 867-7138/242-0224.  
Carpool: N. Melbourne to KSC Industrial Area, 6:30-3:00, Lois, 867-3072/254-4866.  
Carpool: Oviedo to OSB/VAB Area, 6:30-3:00, Don, 861-6825/359-7425.  
Carpool: Sanford/Geneva/Oviedo to OSB/VAB Area, 7:00-3:45, Chris, 861-2188/321-8461.  
Carpool: Sanford/Geneva/Mims I-95 to NSLD, 6:30-4:00, Len, 799-7095/325-6894.  
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: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.  
Ride needed/form carpool: N. Melbourne/Eau Gallie to LCC area, flexible hours, David, 861-6994/259-8944.  
Ride needed/form carpool: N. Melbourne to LCC area, second shift, Ralph, 861-1338/259-8944.  
Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.  
Ride needed/form carpool: Rockledge to CCAS, 7:30-4:00, Martin, 853-9756/631-7419.  
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.

#### GARAGE SALE

Garage sale: May 19-20, 8-1, Cocoa, Dalehurst Ranches, off N. Friday Road, various items.  
Garage sale: May 19-20, 8-2, Merritt Island, 1745 Manatee Court, household items, girl's teen clothing, lots of miscellaneous.  
Garage sale: May 20, Port St. John, 6344 Brandt Street, shelving unit, stereo, quilts, household, baby items, clothes, miscellaneous, White, 633-6450.

#### REAL ESTATE FOR SALE

House: S. Titusville, Imperial Estates, 3-B/R, 2-bath, 1-car garage, pool, large sunroom, brick fireplace, Jacuzzi, tile, hardwood floors, \$91,500, 269-2430.  
Townhouse: N. Merritt Island, 3-B/R, 2 1/2-bath, 2-car garage, built in 1996, workshop, fireplace, pool, 2000 sq. ft., \$121,000, Mathiesen, 634-6864.  
Condo: Cocoa Beach, Conquistador, 2-B/R, 2-bath, oceanfront, 2 pools, sauna, tennis courts, shuffleboard, \$79,500, Hall, 269-0083.  
Lot: Titusville, Hickory Trails II, off Hwy. 50, near Wal-Mart, ±0.25 acre, \$14,500, Chuck, 383-1745, after 5 p.m., or leave message.

#### AUTOMOBILES & RV'S FOR SALE

1966 Chevy pickup, needs carburetor, B.O.; 1989 Nissan pickup, B.O., Cozza, 453-6439.  
1979 Cadillac DeVille, 425 cu. in., 4-barrel, good running engine/transmission/rear end, \$250/B.O., Doherty, 268-8047.  
1981 GMC Caballero, V8, A/T, P/S, P/B, P/W, strong & dependable, body fair, Tom, 459-1593.  
1988 GMC Sierra SLE pickup, V6, longbed, topper, \$4300/B.O., Jagos, 259-3347, evenings.  
1989 Ford E-150 Econoline work van, 300, 6-cylinder, A/T, P/S, interior shelves, roof racks, runs good, dependable, \$2700/B.O., Ricky, 783-2618.  
1989 Ford F150, XLT, 121,000 miles, excellent condition, \$3000, Butkus, 268-4976.  
1989 Pace Arrow 38' motorhome, washer & dryer, many extras, Vern, 631-7840.  
1990 Jeep Wrangler, 4wd, A/C, CD, full canvas, Bikini top, bra, 5 new Super-Swamper tires, new radiator, excellent condition, \$5995/B.O., 242-2115.  
1992 Ford Explorer XL, 4.0L, 2-door, 5-speed, 100,400 miles, good condition, \$4800/B.O., Bass, 454-7239.  
1993 Amigo, runs/looks good, high miles, Welty, 636-2517.  
1993 Honda Accord EX, 5-speed, loaded, moonroof, CD player, AM/FM/stereo, custom rims, \$7900, Grega, 639-7850.  
1993 Ford Aerostar XLT, runs great, \$3500, Pierce, 536-8181.  
1993 Chevy Astro, 97,000 miles, excellent condition, \$5000/B.O., Steve, 268-4976.  
1994 Mallard travel trailer, 31', sleeps 6, bedroom, bath, microwave, stove w/oven, \$7995, Sturgill, 264-9465, after 5 p.m.  
1994 Chevy S-10 pickup, 5-speed, A/C, toolbox, bedliner, new tires & rims, CD player, anti-theft device, 66,000 miles, \$5000/firm, 383-8727, after 4 p.m.  
1994 Mitsubishi Mighty Max pickup, new tires, good stereo, great shape, 98,000 miles, \$3200, Rusty, 795-5410.  
1994 Dodge 150 pickup, 318 cu. in., longbed, A/T, loaded, AM/FM/CD, 87,000 miles, \$11,000, Doherty, 268-8047.  
1994 Nissan Quest mini van, A/T, P/W, P/L, CD player, excellent condition, 89,500 miles, \$8995, Green, 268-2051.  
1995 Cadillac STS, warranty, nice shape, green w/tan leather interior, 85,000 miles, \$14,900/B.O., Craig, 264-9400.  
1997 Ford Expedition, Eddie Bauer edition, excellent condition, 32,000 miles, garage kept, \$28,500/B.O., Wydra, 453-2185.  
1997 Lexus ES-300, sunroof, leather, CD player, beige, excellent condition, \$21,000, Talone, 725-1010.  
2000 Honda Odyssey LX, Canyonstone silver, AM/FM/cassette stereo, 4-speakers, front/rear A/C, many extras, \$25,500, Bill, 768-2757.

#### HOUSEHOLD FURNISHINGS FOR SALE

Full bed, box springs, frame, good condition, \$40/B.O.; Antique Queen Anne dining room table, \$40/B.O., Allan, 267-7209.  
Glass Quaizel lamp tops, cream w/light brown & peach flowers, \$10/each; settee sofa, blue, soft tweed, excellent condition, \$125, 639-7022, after 5 p.m.  
Recliner sofa, solid gray/blue, good condition, \$40, Murphy, 777-2223.  
Daybed, Cherry wood w/teal cover, matching bolster back & side pillows w/sheets, excellent condition, \$125, Spillers, 269-2430.  
Overstuffed sofa & chair, multi colored mauve/teal/blue, \$250, Emily, 269-5931.  
Queen bed frame & King Coil box spring, \$20; 2 bookcases, solid oak, natural finish, 72"x12"x34", \$375/both, Len, 952-7132.  
Little Tikes toddler race car bed w/support, \$50, Beason, 264-1936.  
PVC arm chairs w/cushions, 4 total, w/vinyl rain covers, \$60/all, \$20/each, Underhill, 783-8437.  
La-Z-Boy recliner, beige, needs cleaned, good condition, \$75/B.O.; queen wooden canopy bed frame, \$75/B.O., Zofko, 383-7339, after 5 p.m.  
Sofa & loveseat, black, \$150; 4-drawer chest, \$30, Lee, 253-4242.  
California king waterbed frame w/12-drawers, etched glass, headboard, bumpers, \$200, Nicholas, 452-9252.  
Crib, mattress, bumper pad, dust/ruffle, \$65; Step 2 Fish rocker, \$10; activity rocker, \$10, Camarata, 454-7761.  
Twin bed w/mattress & frame, \$50, Bocchino, 779-1763, after 5:30 p.m., Satellite Beach.  
Oak dinette set w/4 chairs, excellent condition, \$225, Fuqua, 452-6166, leave message.  
Solid oak dinette w/4 Captain's chairs, \$500; loveseat, cotton fabric, \$75; Lane Action recliner, teal leather, \$250, Mike, 783-3072.  
Oak rollout desk, \$250; oak entertainment center, \$300; computer armoire, \$150, Ward, 690-0885.  
King oak poster bed, frame for box springs, waterbed frame, waveless mattress, \$225, Lawrence, 635-8283.  
Tile top kitchen table, 2 extensions, 6 chairs, natural finish, \$150, LaPinta, 453-3287.

#### APPLIANCES FOR SALE

Roper refrigerator, icemaker, 2 years old, almond, excellent condition, \$375, Scott, 779-2501.  
Whirlpool electric range/oven, white, self-cleaning, solid round elements top, like new, \$275, 631-3132, before 2 p.m.  
Kenmore heavy duty washer & dryer, like new, \$450, Cozza, 453-6439.  
Maytag gas dryer, propane, needs humidity sensor, B.O., Bredberg, 453-4671.  
Large capacity clothes dryer, works great, \$45, Lawrence, 635-8283.  
Magic Chef refrigerator, works good, \$100, Armev, 636-5286.

#### MOTORCYCLES & EQUIPMENT FOR SALE

Honda XR100R, \$1100; Yamaha XT350, \$1500; Yamaha 1T175, \$1000; Honda CB750, 1976, \$1200, Shoemaker, 639-4941.  
Suzuki Katana 600, 7000 miles, excellent condition, \$3800, Rheau, 631-3841.

#### BOATS & EQUIPMENT FOR SALE

10' aluminum boat, \$100, LaPinta, 453-3287.  
14' Shanchez glass, 14', 20 h.p. Evinrude, stainless steel prop, galvanized trailer, trolling motor, new fishfinder/tires/more, \$2200, 269-3477, after 4 p.m.  
16' fiberglass canoe, anchor, cushion, paddles, children's life vests, \$190, Mike, 454-3900.  
19' Hydra Sports flats, 1994, center console, Evinrude 150, loaded, aluminum trailer, garage kept, excellent condition, \$15,500/B.O., Ron, 269-3423.  
22' Mako center console, Float-on trailer, B.O.; 13 1/2' aluminum semi-V, 25 h.p. Mercury, galvanized trailer, \$800, Thuchak, 639-8963.  
Carolina Skiff, 1996, J12, center console, 20 h.p. 1996 Mercury, Bimini top, new seats, battery, trailer, electric start, exc. cond., \$3000/B.O., 453-0444.  
1998 Stingray 190 RX, bowrider, 1998 Mercruiser 3.0 135 h.p. I/O, full canvas, AM/FM/cassette stereo, excellent condition, \$11,300, Chris, 459-1980.  
1985 Chrysler Force, 125 h.p. outboard, powerhead needs rebuilt, power trim & tilt, \$700/B.O., Allan, 637-1686.  
1994 Shorelander trailer, fits 17'-19' boat, needs work, \$200/B.O., Pistel, 268-3027, after 6 p.m.  
1996 Seadoo Speedster twin engine jet boat, less than 30 hours use, perfect condition, \$8400, Beason, 264-1936.  
T-top, new, \$650/B.O., Petersen, 452-5256.  
Stainless steel trim tabs, fixed, adjustable, for 16'-24' boat, \$122/B.O., 783-9736.  
Sitex radar 7" L.C.D., 1.5 kW, 16 mile range, low hours, 2 years old, \$700/B.O., Thurn, 631-5590.

#### MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Yamaha PSR-75 keyboard, great condition, \$45/B.O.; Ericsson digital cellular telephone, 1 year old, new battery/car & desktop charger, \$60, 676-4319.  
Dirt Devil vacuum cleaner, good condition, \$30/B.O.; Dirt Devil Mop Vac, excellent condition, \$30/B.O., Zofko, 383-7339, after 5 p.m.  
Electric typewriter, \$10, Leblanc, 635-1870.  
Nokia 2160 cellular telephone, like new, \$25, Lawrence, 635-8283.

#### MISCELLANEOUS FOR SALE

3-in-1 stroller; Cozy Coupe car; large dollhouse; activity seat; baby boy & girl clothing; Oneida 2 quart silverplate chafing dish, 452-4707, after 5 p.m.  
DP Magnum weight bench w/leg attachment, \$50; GMC Safari mini spare/rim, \$25; leather golf bag, \$18; small pickup Toppertown topper, B.O., 268-2008.  
Generac 4000XL generator, low hours, excellent condition, \$400/B.O.; Generac 2700 psi pressure washer, 2.7 gpm, works great, \$380, Ricky, 783-2618.  
Encyclopedia Britannica set, \$60; utility trailer, 11'x6' dual axle, \$600/B.O., Glenn, 267-6429.  
Utility trailer, 4'x8', excellent condition, complete w/registration, \$300/B.O., Murphy, 459-2534.  
Complete set of crib bedding, Country Bear theme, good condition, \$30, Beason, 264-1936.  
Cooper steel belted radial tire, 215X70R15, less than 500 miles, \$35/B.O., 783-9736.  
Sears treadmill, \$75; ladies 10-speed bicycle, \$50; men's Mountain King bicycle, \$50; stainless steel kitchen sink, faucet w/spray, \$30, Rice, 452-1639.  
Ladies small & men's medium dive gear: Scuba Pro & Sherwood, \$600/each, \$1100/both; Suunto wrist dive computer, new, half price at \$300, 639-4941.  
Cub Cadet 10 h.p. lawn tractor, model 1015, \$227, Skidmore, 269-5746.  
B.F. Goodrich P155R80/13 tires, like new, 4 total, \$40/all; aluminum topper, fits Ford Ranger shortbed pickup, \$50, Doherty, 268-8047.  
Skil 10" miter saw, heavy duty, 3 h.p. motor, slightly used, \$140; Craftsman jig/saber saw, 1" stroke, multi-speed, slightly used, \$60, 783-1748, lv. msg.  
Antique poplar pie safe, good tin on sides, solid front doors, Circa 1860's, \$300, Robertson, 264-0449.  
Holley 650 carburetor, P/N 4777-3, \$120, Rick, 459-1253.  
Wire cage for small animal, 24" w x 30" l x 18" h, galvanized mesh w/removable bottom pan, \$30, Rick, 459-1253.  
Shrimp traps, 10 total, \$15/each; duck decoys, 26 total, \$50; Coleman smoker, \$25; 12' surf pole, \$15, Leblanc, 727-2854.  
A.R.E. fiberglass Tonneau cover, fits 1997-2000 Ford F150 shortbed pickup, green, excellent condition, \$300; Ford Duraliner, fits same, \$50, 452-4154.  
Tonneau cover, Fiberglass, for longbed pickup, hydraulics, lock, new, \$450/B.O., Petersen, 452-4256.  
Stainless double sink, 22"x33" w/Moen single lever faucet, like new, \$60, Ed, 751-9664.  
Rainsoft water softener system, used less than 1 year, \$1200, Fuqua, 452-6166, leave message.  
4 trailer axles w/springs, \$100/each; Quiet Flight 9'6" longboard w/leash, \$300, Bonner, 264-3266.  
Soda bottle, 5 gallon, \$20; 10.8 gallon kegs, 2 total, \$15/each; clean brown 12 ounce bottles, 4 cases, Al, 453-4671.  
Chain link fence, 6'x56' w/poles & gate, used, \$50, 690-1773.  
Planter/pot, cement, 26"x19", \$50, Davis, 459-1275.  
Body Solid Extreme power weight bench, decline/incline/flat/military combo w/leg developer, \$100/B.O., Townsend, 264-4877.  
Custom white vinyl cabinet doors, 20 total; drawer faces, 20 total, various sizes, B.O., Rucci, 264-1081, after 5 p.m.  
Scuba equipment: Ladies medium wetsuit, pink/black; Sherwood regulator & gauges; Scuba Pro Air #; fins, snorkel, dive bag, exc. cond., \$185, 253-1286.  
Girl's 20" bicycle, Sears Windancer, \$30; boy's 24" bicycle: Sears White Fury, \$35, LaPinta, 453-3287.  
Trick bicycle, single speed, freestyle frame, custom, some Mongoose & Dyno, new tires, new pegs hand welded, \$160/firm, Costello, 452-6387.

#### MISCELLANEOUS WANTED

Bowflex exercise equipment, King, 783-1976, after 4:30 p.m.  
Ladies and men's right-handed golf clubs, 1 set each, top name brand, Lawrence, 635-8283.  
14" wheel covers for 1990-1996 Oldsmobile Cierra or Buick Century, O'Neal, 269-3297.

#### FOR SALE OR TRADE

1988 Coleman Sun Valley popup, \$2500, trade for 17'-18' center console boat, Conard, 452-5627.



867-4714



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