

# ksc bulletin



No. 36-00 - September 8, 2000

National Aeronautics and  
Space Administration

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

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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

**CONTINUING PERIODIC KSC BULLETIN NOTICES:** Organizations and/or individuals submitting KSC Bulletin notices to be run on a continuing periodic basis are reminded it is their responsibility to delete obsolete notices and/or update notices for changes to names, organizations, dates, regulation references, etc. (TA-E1)

**SEPTEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—WOMEN'S HEALTH AND WELLNESS—MEN'S HEALTH AND WELLNESS:** There is no pill or treatment that can substitute for good self-care. You can learn to take responsibility for your own health by learning a few simple skills and making some subtle lifestyle changes. While most health problems are common to both men and women, there are some that are specific to, or more prevalent or serious, in one than the other. Two separate health packets will be offered in September covering topics specific to men's and women's health and wellness. (TA-C2)

### SEPTEMBER'S CARDIOVASCULAR DISEASE (CVD) SCREENING SCHEDULE:

Wednesday	September 13	7 a.m. – 8 a.m.	OHF (Occupational Health Facility)
Thursday	September 14	7 a.m. – 8 a.m.	CAC (CCAFS Medical Clinic) (TA-C2)

### SEPTEMBER'S VISION SCREENING: Visual Acuity and Glaucoma Testing

Tuesday	September 12	11 a.m. – 1 p.m.	OHF (Occupational Health Facility)
Tuesday	September 26	11 a.m. – 1 p.m.	OHF (Occupational Health Facility) (TA-C2)

**COLORECTAL CANCER SCREENING**, with Hemoccult slide kits, is available at all medical facilities during hours of operation. (TA-C2)

**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. (TA-C2)

**HEALTH EDUCATION AND WELLNESS TRAINING TAPES ON KSC's CHANNEL 60:** NASA's Training and Information Channel. Presented every Friday at 11 a.m. (TA-C2)

**WORK SITE LECTURES** on any health subject, requests for health information or packets and individual counseling is available upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (TA-C2)

**GRIEF SUPPORT GROUP:** SGS/CHS offers a Grief Support Group for KSC/CCAFS personnel who wish to participate. The Grief Support Group will begin on Wednesday, September 6. We will convene 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)

**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, 867-4047, **Pierce-1, Steve**. (BIO-5)

**KSC FITNESS CENTERS—FIT OVER 50:** Tuesdays at O&C, 5 p.m. – 5:30 p.m. This class is designed for individuals around the age of 50 and over who want to see improvements in their energy level, stress level, balance and coordination, flexibility, strength, endurance, self esteem, self confidence, assertiveness, eating habits, sleep, and overall quality of life. If you want to feel better, join Kay Murray in our **Fit over 50** group exercise class on Tuesdays at 5 p.m. Contact Kay, Tuesday, Wednesday, or Thursday, at 867-7829, or 861-3028 for more details. (TA-C2)

**NUTRITION TIP OF THE WEEK—FROM THE KSC FITNESS CENTERS:** Football season is here and tailgating is as much a part of the action as the game! Start with appetizers that go the distance—salsa and low-fat chips, fresh veggies and low-fat yogurt dip, or even fresh fruit served with marshmallow dip. For the entree, go for the long pass. Pita pockets stuffed with grilled chicken, sliced tomatoes, lettuce, pepper strips and a low-cal dressing. If hot food makes for a better play, try pasta mixed with turkey and marinara sauce. Don't forget the game winner—dessert! Make brownies with cocoa and substitute pureed fruit for some of the fat—a good way to lower calories while gaining another point for nutrition. Or try a trifle—combine angel food cake with low-fat pudding and sliced berries. (TA-C2)

### KSC/CCAFS MEDICAL CLINICS—HOURS OF OPERATION:

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 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)

**SUPER SAFETY AND HEALTH DAY 2000:** We would like to thank everyone who participated in the Logo/Poster contest for this year's Super Safety and Health Day. Congratulations to the first place winner Dave Earhart of USA. The second place winner is Amy Zofko of Boeing. Thanks again to everyone who participated in both contests. Don't forget **Super Safety and Health Day 2000** will be **October 18**. See you there! (UB-M)

**LIGHTNING MYTH OF THE WEEK:**

Myth: If Lightning Is About To Strike, Lie Flat On The Ground

Truth: **This advice is decades out of date. Better advice is to use the "Lightning Crouch:" put your feet together, squat low, tuck your head, and cover your ears. Lightning induces electric currents along the top of the ground that can be deadly over 100 feet away. While lying flat on the ground gets you as low as possible, which is good, it increases your chance of being hit by a ground current, which is bad. The best combination of being low and touching the ground as little as possible, is the "Lightning Crouch."** (TA-E2)

**KSC/CCAFS COMMUNITY APPRECIATION DAY:** The time has arrived to begin gearing up for the **first KSC/CCAFS Community Appreciation Day**. Last year this event was the annual employee **Open House**, but this year Center Director Roy Bridges and 45<sup>th</sup> Space Wing Commander Brig. Gen. Donald Pettit have decided to open their facilities to the local community. On November 4, 2000 KSC and CCAFS will open their doors from 9 a.m. to 3 p.m. to a select number of car pass holders from the surrounding community. KSC and CCAFS will have the opportunity to share the excitement of their people, unique facilities and one-of-a-kind launch vehicles with visitors who might otherwise not have an opportunity to be this close to the space program again. Car passes for employees will be available at KSC Exchange stores and at all Brevard County libraries mid October. The Community Appreciation Day committee will keep you updated in following issues of Spaceport News, KSC Countdown, 10 O'clock News, Bulletin and the Missileer. (XA-F)

**2000 AMERICAN RECYCLES DAY (ARD) FEDERAL POSTER CONTEST:** America Recycles Day is celebrated on November 15 and this year's theme is: **"For Our Children's Future...Buy Recycled Today."** KSC is coordinating a Poster Contest for grades K through 12. Immediate families of Federal government employees and government contractors are eligible to participate. A **Certificate of Participation** award will be presented for each KSC entry. All KSC entries will be forwarded to the National level. One National winner will be chosen from each grade level and flown to Washington, D.C. for an Awards Ceremony. Entries must be submitted to TA-C3, Environmental & Energy Awareness Group, by **October 11, 2000**. Check out <http://environmental.ksc.nasa.gov/recycle/intro.html> for details of contest rules and winner information. Point-of-Contact: Environmental & Energy Awareness Group, TA-C3, 867-8452/867-8413/867-8443. (TA-C3)

**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.

- AA-ADM-1-2000: Aluminum Design Manual: Specifications and Guidelines for Aluminum Structures
- AA-ASD-1-2000: Aluminum Standards and Data 2000
- ANSI-A92.6-1999: Self-Propelled Elevating Work Platforms
- ANSI-H35.2: Dimensional Tolerances for Aluminum Mill Products
- ANSI-H35.2M: Dimensional Tolerances for Aluminum Mill Products
- ANSI-H35.3: Designation System for Aluminum Hardeners
- ANSI-H35.4: Designation System for Unalloyed Aluminum
- ANSI-H35.5: Nomenclature System for Aluminum Metal Matrix Composite Materials

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). (TA-E1)

**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.

- 67 Presentation Secrets to Wow Any Audience, #526183
- Aerospace Clinical Psychology, #514965
- Age Works, #525938
- Brand Marketing, #525961
- Corporate Radar, #525979
- Creating Effective Teams, #525987
- Easy Microsoft Office 2000, #526142
- Hazardous Materials Management, #525995
- Highway Design and Traffic Safety Engineering Handbook, #526001
- Magic of Dialogue, #526035
- Management Challenge for the 21<sup>st</sup> Century, #525953
- NASA and the Exploration of Space, #526092
- Pressing Problems in Modern Organizations, #526043
- Reliability Engineering Handbook, #526134
- Security Technologies for the World Wide Web, #525946
- Strategic Project Management, #515103
- Teach Yourself Microsoft Office 2000, #526076
- Using Microsoft Office 2000, #525920

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). (TA-E1)

**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.

- KSC-00419: NASA-AMATYC-NSF Mathematics Explorations II
- NASA-SP-6110: Failure Modes and Effects Analysis (FMEA)
- NASA-SP-6111: Fault Tree Analysis: A Bibliography
- NASA-SP-6112: Probabilistic Risk Assessment: A Bibliography
- NASA-TM-209897: Material Total Mass Loss in Vacuum Obtained from Various Outgassing Systems
- NASA-TM-210212: Two-Phase Flow in Packed Columns and Generation of Bubbly Suspensions for Chemical Processing in Space
- NASA-TM-210243: Solar Power System Options for the Radiation and Technology Demonstration Spacecraft
- NASA-TM-210348: An Overview of the NASA Aviation Safety Program Propulsion Health Monitoring Element
- RCC-106: Telemetry Standards

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). (TA-E1)

**KSC LIBRARY:** You may obtain copies of the following specifications in HQ, Room 1124, by sending a request to mail code Library-D, calling 867-3613, or emailing [KSCLibrary@kscgws00.ksc.nasa.gov](mailto:KSCLibrary@kscgws00.ksc.nasa.gov).

- JSC-SL-E-0002 Change 96, 8/8/00 "Specification electromagnetic interference characteristics, requirements for equipment"
- JSC-SE-S-0073 Change 84, 8/18/00 "Space shuttle specification fluid procurement and use control"

These specifications can also be found at: <http://sspweb.jsc.nasa.gov/ntdata/ssp/webdata/pdcweb/subdocs.htm>. (TA-E1)

**KSC LIBRARY:** The KSC Archives regularly displays its collection of historical photographs for viewing by the KSC community. The display case is located between Room 1533 and 1537, across from the post office, in the Headquarters Building. The current exhibit is "Then and Now," featuring the KSC Industrial area and various facilities. Further information may be obtained by calling the Library Archives at 867-2407. (TA-E1)

**ORDERING BLANK FORMS/PUBLICATIONS:** All requests for blank forms and publications should be submitted on KSC Form 7-11 to the Forms Warehouse (mailcode: "FORMS WAREHOUSE"). Allow approximately 5 working days to receive the requested material. Any requests for emergency or work-stoppage forms will be handled by Forms Control by calling 867-3590. Customers should not go directly to the warehouse to pick up forms without calling Forms Control first. Customers cannot call the Forms Warehouse direct because they have an unlisted telephone number. (TA-E1)

**COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:**

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
KSC-00-53	AST-Data Systems, GS-854-7	All Candidates	08-28-00/09-11-00	UB
KSC-00-54	AST, Logistics Ops. Engineering, GS-801-13	"	09-11-00/09-15-00	PH
CPP 041-00	AST-Electronic Instr Systems, GS-855-13	All Status Candidates	08-25-00/09-08-00	PH-F2
CPP 044-00P	Management Support Assistant, GS-303-7 (3 positions)	NASA/KSC Civil Service Employees Only	09-01-00/09-08-00	UB
CPP 066-00	Lead Public Affairs Specialist, GS-1035-14	All Civil Service Status	08-30-00/09-13-00	XA-E1

Applicants must submit an application (OF 612, Optional Application for Federal Employment or KSC Form 13-283, Competitive Placement Plan Application) for this position. Applications should be submitted to Workforce & Diversity Management Office, Employee Services (BA-B), HQ, Room 2507. (BA-B)

**AUTHENTICATED:**

Marilee Tewksbury, Center Services (TA-E1)

**LOCATE FIRE EXITS AND EXTINGUISHERS—BEFORE YOU HAVE THE NEED FOR THEM.**



867-4714

UNOFFICIAL

CAFETERIA MENU FOR WEEK OF SEPTEMBER 11 THROUGH SEPTEMBER 15

<p><b>*MONDAY</b>                  Cream of Chicken Soup                  New Zealand Stuffed                  Leg of Lamb w/2 Sides                  Beef &amp; Bean Burrito                  w/Green Chili &amp;                  Yellow Rice                  **Ginger Pepper Steak</p>	<p><b>*TUESDAY</b>                  Leek &amp; Potato Soup                  Moroccan Beef o/Cous                  Cous                  Chicken Stir Fry w/                  Fried Rice                  **Penne w/White Bean                  &amp; Chicken</p>	<p><b>*WEDNESDAY</b>                  Vegetarian Lentil Soup                  New England Boiled Beef                  w/Horseradish Sauce                  **Ginger BBQ Chicken                  Breast</p>	<p><b>*THURSDAY</b>                  Chicken Taco Soup                  Hungarian Beef Goulash                  w/Egg Noodles                  Mole de Poblano con Pollo                  o/Spanish Rice                  **Taco Salad</p>	<p><b>*FRIDAY</b>                  New England Clam Chowder                  Fisherman's Platter: Fried                  Clams, Cod &amp; Crab Cake                  Oriental Chicken Wings                  w/Peanut Sauce &amp;                  Fried Rice</p>
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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.

**NASA EXCHANGE:** Do you like roosters? Come in and see our napkin holder and basket. Brighten up your kitchen with these items and have a Cock-a-Doodle Doo morning! Can't make it to the beach as often as you want to? We have metal pails and beach lamps. These beautiful lamps have a lounge chair as a base and along with the pail can bring a little piece of the beach to any room! Just dropped in—Drop Zone! Replicas of the Mercury capsule, a US Ranger or an Extreme Skydiver with parachutes. Just throw them in the air and watch them float to the ground. Plan your recovery of the capsule, an invasion or imagine a skydiver doing crazy stunts! Hurry while supplies last!

**KSC EXCHANGE SERVICE STATION:** Front wheel drive car owners—Front axle constant velocity boots installed—includes one boot, clamps, grease and labor for only \$60, most vehicles. We also service rear wheel drive vehicles universal joints. Call us at 453-1254 for an appointment for a free inspection of C.V. boots or U-joints.

**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 Nissan Sentra GXE, \$5,995; 1994 Pontiac Bonneville SSE, \$5,995; 1998 Ford Escort 2+2, \$9,300; 2000 Buick Park Avenue, \$29,999; 1995 Ford Explorer 4wd, \$11,595; 1995 Dodge Neon, \$3,995; 1999 Chevy Cavalier, 2-door, Z24, \$10,500; 1995 Mazda Miata, \$7,950. Call 455-9400, ext. 1120. 1992 Chevy Camaro, \$3,500; 1996 Ford Contour GL, \$4,995; 1993 Chevy Cavalier, \$2,750; 1997 Ford Expedition, 4wd, \$22,995; 1997 Ford Thunderbird LX, \$10,595, call 904/761-9752.

**KSC KARS: Ballroom Dance Classes** will start September 12, 2000 at KARS Park, KSC Dance Club Building.

**Basic** (Foxtrot, Rumba, and Waltz)  
**Intermediate** (Cha Cha and Swing)

Classes will be taught for 10 weeks on Tuesdays at 5:30 p.m. and 7:00 p.m., respectively. The total cost is \$35 for the 10 weeks. For more information, call Mae at 452-3151 or Jeanette at 784-2674.

**WEIGHT WATCHER'S AT WORK:** Lose those extra pounds. Join the **1 2 3 Success Program—10% Difference Program** today. Meetings are held on Thursdays in the Headquarters Building, Room 2414 at 11:30 a.m.

**BARRY UNIVERSITY:** Barry University is currently accepting applications for the Master of Science in Information Technology degree program beginning on October 7. The program combines theory with structured practical applications and was developed in collaboration between the Information Technology, Computer Science and Business programs of the University. Barry offers 4 ten week terms per year with classes scheduled in the evenings and weekends and the degree can be finished within 18 months. To request a catalog and application information please call 453-6253 or email [igrant@mail.barry.edu](mailto:igrant@mail.barry.edu).

**UNIVERSITY OF MIAMI:** The University of Miami is currently accepting applications for the Master of Science in Management of Technology (MOT) and the Master of Science in Industrial Engineering (MSIE) with a concentration in Engineering and Operations Management. Both programs will be taught at the Space Coast. Applicants to the Master of Science in Management of Technology can start the program November of 2000 or January of 2001. Courses are held Friday evenings and Saturday mornings to accommodate working professionals. Applicants to the Master of Science in Industrial Engineering can start in January/February. To receive an application/brochure and to obtain further information about both degrees please call Mr. Augusto Roca, Program Coordinator at 1-305-284-4100 or send an email to [augusto@miami.edu](mailto:augusto@miami.edu).

**WEBSTER UNIVERSITY:** Offering quality education in a challenging environment where classroom experience joins theory and practice. All 9 graduate level programs are regionally accredited. Evening and Saturday classes. Applications accepted at any time. Academic advisors available to customize a program plan to meet your goals. Act now to get your master's degree. Call 449-4500 for more information 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, 867-0848/904-788-2629.
- 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 (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, 861-2488/952-8840.
- 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, Pat, 867-7889/407-657-8704.
- 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: 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: Scottsmoor/Mims/Titusville to O&C/CCAS Industrial Areas, 7:00-3:30, Leon, 853-5231/383-1116.
- Vanpool forming: 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.
- 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: 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: DeLand/Daytona Beach/New Smyrna Beach to OPF area, flexible hours, Larry, 861-5429/904-738-1821, evenings.
- 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: Orlando to KSC Industrial Area, non-smoker, 9:00-5:30, Lewis, 867-2548/407282-2908.
- Ride needed/form carpool: Rockledge to CCAS/ROCC, 7:00-3:00, Wallace, 853-5211/633-9434.
- 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: S. Titusville at Barna & Hwy. 50, to KSC Industrial Area, non-smoker, 7:00-3:30, Nancy, 867-2260/269-2695.

**REAL ESTATE FOR SALE**

House: Titusville, Hickory Hill, 3-B/R, 2-bath, 2 1/2-car garage, 1700 sq. ft., new kitchen, tile, new carpet, fenced, sprinkler system, \$96,000, 269-0288.  
 Condo: Titusville, Spanish Oaks, 2-B/R, 2-bath, sunroom, utility room, on golf course, \$69,000, Brave, 453-6715.  
 Lot: Merritt island, off Newfound Harbor, near Horti Point, secluded 0.34 acre, last of high & dry lots, \$35,500, Simpson, 452-4468.  
 Lot: near 95, off 46, corner of Turpentine & Kingswood, appx. 0.75 acre double lot, septic, water, 20'x10' brick front porch, \$20,000, 268-4772.

**AUTOMOBLES & RV'S FOR SALE**

1979 Coachman 5<sup>th</sup> wheel camper, 32' handyman's special, \$2000/B.O., Summers, 267-7274.  
 1982 Nissan 280ZX 2+2, A/C, 5-speed, alloy wheels, new champagne gold paint, P/W, P/L, stereo, garage kept, very good condition, \$3995/B.O., 453-6591.  
 1983 Chevrolet S10 pickup, 4wd, 5-speed, \$1400, Craig, 639-2047, leave message.  
 1984 Volkswagen Vanagon, \$3900/B.O., Rick, 449-0595, leave message.

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

1985 Nissan king cab pickup, 4wd, A/C, P/S, P/B, AM/FM/cassette, \$2200/B.O., 633-0514.  
1985 Chrysler New Yorker, 2.2 MPFI turbo, A/C, idles rough/runs ok, turbo ready for rebuild, clean, shiny paint, good body, \$250, Bruce, 504-9793.  
1985 Pontiac 6000, new A/C & tires, 62,000 miles, \$2800/B.O., Koenig, 383-2012.  
1987 Pontiac Bonneville, A/C, AM/FM/cassette stereo, runs great, 168,000 miles, blue, excellent condition, \$1500/B.O., Erik, 449-0959.  
1988 Ford Ranger pickup, 5-speed, good work truck, \$995, Rob, 383-1029, evenings.  
1988 Mercury Topaz, 5-speed, cold A/C, good tires, 22 mpg, good transportation, runs great, \$999, Weidig, 452-0935.  
1989 Chrysler LeBaron convertible, leather interior, 5-speed on the floor, \$2500/B.O., Diane, 784-4006.  
1989 Honda Prelude SL, 2-door, coupe, 5-speed, 4-wheel steering, A/C, all power, cassette player, power sliding sunroof, good cond., \$4000/B.O., 984-9105.  
1989 Honda DX, 5-speed, P/S, P/B, C/C, new timing belt/H2O pump/belts/hoses/tune-up/AC compressor, excellent maintenance, \$2000, 459-1090.  
1990 Volvo 240DL, 4-door, A/C, A/T, p/W, P/L, C/C, new tires, very reliable, \$3800, Henry, 783-2744.  
1991 Mazda Navajo, 4wd, cold A/C, P/S, P/B, P/W, 128,000 miles, very dependable, \$5000, Mobius, 454-6993.  
1991 Mazda 626DX, 4-door, A/C, A/T, CD, C/C, new transmission, under warranty, 12,000 miles, 1-owner, garage kept, \$3250/B.O., 453-6907.  
1991 Mitsubishi Galant LS, 4-door, A/C, A/T, AM/FM/cassette, white, excellent condition, garage kept, \$3200, Elliott, 631-5569.  
1993 Ford Probe, A/C, P/W, P/L, C/C, CD, new tires/brakes/exhaust, white, excellent condition, \$5000/B.O., Elston, 453-0652.  
1993 Jeep Grand Cherokee Laredo, loaded, forest green, 138,000 miles, \$7900, Weatherby, 385-9557.  
1993 Saturn SC2, 5-speed, 34 mph, excellent condition, \$4000, Rich, 636-3472.  
1993 Mazda Protégé, 4-door, 5-speed, cold A/C new tires, runs great, 122,000 miles, 1-owner, excellent condition, \$2900, Barnes, 632-8766.  
1994 Ford Mustang convertible, V6, A/C, A/T, alarm, AM/FM/cassette w/6-disk CD, garage kept, \$7500/B.O., James, 407-758-0608.  
1995 Terry 26' travel trailer, hitch equipment, many extras, excellent condition, \$9000, Morrison, 632-7543.  
1995 Chrysler LHS, 48,000 miles, warranty to 70,000 miles, \$10,400, 453-4163.  
1995 Ford Taurus wagon, A/C, A/T, power, 60,000 miles, excellent condition, \$8700, Whitson, 757-0130.  
1997 Dodge Grand Caravan LE, 3.8L, V6, dual A/C, 4-captain's chairs, tow pkg., AM/FM/CD, alarm, luggage rack, silver, exc. cond., \$16,250, 242-8158.  
1997 Volkswagen Jetta GL, 4-door, A/C, A/T, C/C, alarm, new tires, tinted windows, power sunroof, P/L, 44,000 miles, \$10,500/B.O., Dave, 784-8786.  
1998 Nissan 200 SX, SE, A/T, P/W, P/L, sunroof, Clifford alarm, tinted windows, rims, lowered, exhaust tip, CD player, 25,108 miles, \$12,000, 960-7979.  
1999 Mitsubishi Eclipse, CD, red, 25-28 mpg, excellent condition, \$13,500, Michelle, 268-5492.  
1996 Eagle Talon, 5-speed, keyless entry, alarm, P/W, P/L, CD, tinted windows, \$9000, Faith, 407-693-8979.

#### HOUSEHOLD FURNISHINGS FOR SALE

China hutch, oak, \$150; sofa table, cherry, \$25; rocking chair, \$50; coffee table, end table, sofa table, wood w/glass tops, \$300, McCoy, 453-5400.  
Sofa & loveseat, dark green/flw., \$300; hexagon wood end table, \$40; coffee table on rollers, mauve, \$45; entry table, mauve, \$40, Vaughan, 639-4907.  
Clothes closet, 2 total, white, 25"d x 30"w x 60"h; white dresser, 16"d x 30"w x 38"h, like new, \$145/all, Smith, 868-7709.  
Crib, light oak, includes mattress, quilted mattress pad, 4 fitted sheets, dust ruffle, comforter, mobile, diaper stacker, \$375, Woernley, 383-8711.  
Dining room table w/6 chairs, new, Jesse, 454-3920.  
Double dresser w/mirror, chest-of-drawers, twin bed w/mattress & box spring, headboard, white, \$225, Murphree, 636-8225.  
Tables, oak, natural finish, various sizes, 8 total, \$50 to \$200/each, Len, 952-7132.  
Family room furniture: sofa, beige, 2 chairs, rustic, solid wood, excellent condition, \$300, Sandra, 452-3945.  
Student desk chair, wood, walnut finish, \$20; oak rocking chair, \$20/B.O., Robles, 631-0354.  
King pier master bedroom unit, natural oak wood w/mirror & lights, matching armoire, hold up to 27" TV, \$850/set, Wilson, 242-8158.  
Fisher Price toddler race car bed w/mattress, \$40; high chair, \$10, Joe, 453-4769.  
Dropleaf table, white, \$40; desk w/chair, oak, excellent condition, \$250, Bailey, 269-4174.  
Black entertainment center for TV & stereo, Turner, 269-0569.  
Wooden 7-drawer desk, good condition, \$50, King, 868-6271.  
Entertainment center, \$150, Atkinson, 784-2471.  
Girl's bedroom furniture, solid wood, excellent condition, \$450, Davis, 632-9379.  
Full sized bed w/2 dresser drawers 7 mirror, maple color, \$125/B.O., 453-6591.  
Dresser w/mirror & nightstand, good condition, \$200, Chambers, 453-4592.

#### APPLIANCES FOR SALE

Kenmore washer, heady duty, excellent condition, \$80, Wilson, 242-8158.  
Small microwave, excellent condition, \$50, Osgood, 453-2065.  
Dryer, large capacity, \$100, Atkinson, 784-2471.  
Frigidaire refrigerator, top freezer w/icemaker, 20.6 cu. ft., 10 years old, good condition, \$200, Chambers, 453-4592.

#### MOTORCYCLES & EQUIPMENT FOR SALE

1994 Suzuki RM 125, new rear tire/bearings/handlebars, runs good, \$1500, John, 633-4004.  
1997 Yamaha Banshee, 350 cc, 2 cycle, Gilmore, 452-0317.  
2001 Yamaha Banshee, 3 hours use, new condition, save \$1000, \$5650, MCorquddale, 407-977-2135.

#### BOATS & EQUIPMENT FOR SALE

14' Lowe aluminum boat, \$60, Massey, 267-3389.  
16' Cobia bowrider, 199, 120 h.p. Mercruiser I/O, Bimini top, canvas cover, trailer, runs/looks great, \$4000, Jim, 383-0479.  
17 1/2' Hydra Sport bass, 200 h.p. Mercury, trolling motor, galvanized trailer, \$2200/B.O., 639-8865.  
20' Rajun Cajun bass, 200 h.p. Mercury, 60 lb. Motorguide trolling motor, fully rigged, \$14,000/B.O., Rick, 453-6257.  
20' Proline C/WA, 1999, 150 Mercury, very low hours, ready to go, \$23,500, Koontz, 452-7232.  
22' Aquasport, center console, twin 115 Mercury's, hydraulic steering, hardtop, trim tabs, electronics, extras, exc. cond., \$12,695/B.O., 269-0193, evenings.  
24' pontoon w/trailer, 1996 75 h.p. Mariner, less than 100 hours use, \$6000, Victor, Toumey, 267-0036.  
34' Silverton, twin 270 h.p. Crusaders, FB, equipped, \$15,000, Balkema, 452-5892.  
1999 Diamondback airboat, 180 h.p. Lycoming, \$10,500, Bright, 631-1865.  
1996 Sea Doo Challenger, 5-seater, 110 h.p., 55 mph, ski rope, 5 life vests, \$6900/B.O., Allen, 383-8730.  
Yamaha jet ski, trailer, excellent condition, \$900, Balkema, 452-5892.  
Certified aluminum water/gas tanks w/senders: 125 gallon, 14" h x 24" w x 90" l; 124 gallon, 18" h x 23" w x 0" l, new, \$100/each, Petersen, 453-7947.  
Aluminum propeller, 13x17p or 13x15p, fits 1996 Mercury outboard, needs reconditioned, \$25/firm, 453-9690.  
Standard Horizon VHF radio, \$30; Sailor H/D VHF radio, \$45, 783-4818.

#### MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Swivel 23" console TV, \$150, McCoy, 453-5400.  
Nikkormat 35mm SLR, 28mm, 50mm, 135mm lens, 28-80 zoom, flash, case, carrying case, filters, telextender, more, \$200, Williams, 254-8810.  
Electrolux canister 2100 vacuum w/power head, \$75; Phillips CD player, excellent condition, \$50, Don, 639-4018.  
Violin, Cutler, 631-7944.  
Baldwin Acrosonic upright piano, great for student, excellent condition, \$950, Conjour, 799-2544.  
Sears vacuum, 3 years old, \$25, Fred, 459-3667.  
Baldwin piano, 1948, solid mahogany, \$1399/B.O., Turner, 269-0569.  
Bogen 3036 camera tripod w/3047 head, excellent condition, \$200; Domke cotton photo vest, new, still has tags attached, size XL, \$60, 407-268-1773.  
Computer, 300 MHz, 32 memory, 44X CD, 3 GB H/D, 8 meg video, Win 98, Office Professional 2000, \$300, Mark, 407-484-5854.  
Klipsch KG 5.2 speakers, 2 total, Klipsch 10" subwoofer, \$400, DeWilde, 636-9883.  
Industrial sewing machine w/material, \$600/B.O., Throm, 633-4587.  
Motorola Flex pager, teal blue, \$20, Patronsky, 453-8898.

#### MISCELLANEOUS FOR SALE

Cement mixer, 2 bag, \$150, Smith, 868-7709.  
Men's 26" 10-speed bicycle, near perfect, \$50; Ryobi 3/8" variable speed cordless drill, 2 9-volt batteries, charger, case, \$50, Williams, 254-8810.  
Graco Pak 'N Play, \$40; girl's size 2T clothing, Woernley, 383-8711.  
Mickey Power Wheels 3-wheeler, \$50, Wade, 453-7413.  
Jogger stroller, 3 large wheels, new web seat, \$50, Don, 639-4018.  
Sears Craftsman 6.0 h.p. 22" rear discharge lawnmower, high rear wheel, Model No. 917.387301, purchased January 1999, \$100, Bowers, 637-9919.  
Pet Porter travel cage for large dog, used 1 time, \$65; Makita cordless 3/8" reversible drill, 7.2 volt, unopened box, \$35, Ogle, 453-2325.  
Bear Black Panther compound bow w/sights, hard carrying case, 30" draw length, 65 pound draw, rear tree camo, like new condition, \$125, 676-4929.  
Cannondale Super V500, medium frame, matte gray color, like new, \$875/B.O., Jeff, 635-8935.  
Michelin XH4 steel radial tire, 215 x 70 x 15, 1 total, about 65% tread wear left, \$20, 783-9736.  
Murray self-propelled lawnmower, \$45, Morrison, 632-7543.  
Kabota tractor, 12.5 h.p. diesel, 4wd, rear PTO, 3 pt. hitch, w/rototiller, \$2500; Scotts riding mower, 20 h.p., gas, 50" mower deck, \$1200, 264-3954.  
Cardioglide exercise machine, \$25, Robles, 631-0354.  
Aluminum topper for small pickup, \$75/B.O., Bob, 504-7358.  
Jacuzzi hot tub, extra large 12' x 7', seats 10-12 people, 2 pumps, heater, controller, air pump, \$850, Pack, 454-4660.  
Ab Roller exercise machine, \$30/B.O., Setzer, 639-9062.  
Ladies short shorts: size 13, Lei's khaki & dark blue; Levi's stonewashed, \$10/each, Dahl, 452-5062.  
Evenflo baby travel system, \$50; battery powered baby swing, \$25; car seat, \$10, Brodersen, 453-0264.  
Jewelry making supplies: semi-precious beads (amethyst, jade, agate, more), freshwater pearls, selling at wholesale cost, Tracy, 633-0164.  
Reese Class II hitch for S-10 pickup, like new, \$75; Tire, P225-75-R15, on Chevy pickup rim, \$15; set of Mazda Miata factory rims, 14", \$25, 639-8865.  
Sears 46" cut riding mower; Toro blower; Ryobi weedeater w/edger attachment; garden tools, extensions cords, wheelbarrow, \$2000/firm, 636-2065.  
Wheelchair, 2 total, \$150/each; hospital bed, \$150; bedside toilet chair, \$15, Clough, 267-8166.  
Skateboarding half pipe, \$225; men's dive equipment: Oceanic B.C., octopus regulator w/full console, weight belt, wetsuit, \$475, Turner, 269-0569.  
Electric mower, runs, \$35; 3.5 h.p. mower, does not run, \$10, Atkinson, 784-2471.  
Child's Halloween patterns, costumes, socks; girl's 20" bicycle, \$10; child's board games, 639-4071.  
Complete supplies for ceramic business, 2 kilns, pouring table, slip machine, appx. 800 molds, glazes, paints, Xmas. bulbs, more, \$3000/B.O., 268-4772.  
Uniroyal Tiger Paw tires, 205/75R 15, 4 total, new, \$225, Bonner, 267-8673.  
Murray wide body LT lawn tractor, 14.5 h.p./OHV, B/S, dual blade, 6 cutting heights, 6-speed, top-of-the-line, like new, \$800, Robert, 459-2873.  
Air compressor, 2 h.p., 20 gallon tank, \$150, Bailey, 269-4174.  
6-stage computer chip for 1993-1995 Chevrolet pickup, 5.7 liter, TBI, \$100, Slaughter, 255-7974.  
Car tow dolly, rebuilt, new paint, \$400; airline carrier for medium sized dog, \$20, Hope, 269-0977.  
Ariens riding lawnmower, 10 h.p., electric start, \$175, Robert, 504-3480.  
Vita Spa, blue marble, redwood cabinet w/cover, excellent condition, \$1700/B.O., Bailey, 633-5086.  
Volkswagen sand rail, runs good, \$2000/B.O.; windsurfer, \$200/B.O., Throm, 633-4587.  
Oldsmobile 330/403 Edelbrook Performer RPM manifold, \$150; Holley 650 cfm double pumper carburetor, \$200, 267-8089.  
Bolens riding garden tractor, rugged construction \$375; 1991 Ford Ranger bed topper, \$225, Balkema, 452-5892.

#### MISCELLANEOUS WANTED

Adult tricycle; machine to adapt normal bicycle into stationary exercise bicycle, Setzer, 639-9062.

#### FOR SALE OR TRADE

Space memorabilia: Mercury, Gemini, Apollo era autographs, flown items, miscellaneous memorabilia, will trade or pay cash, Mangieri, 783-0036.

