

MEETING IN SPACE - This artist's concept depicts the historic moment, scheduled for July 17, when an American astronaut and cosmonaut will greet one another as their Apollo and Soyuz spacecraft are docked together while orbiting the Earth 225 kilometers ( 140 miles) out in space. The joint Apollo Soyuz Test Project mission will mark
spacecraft of two nations have met in space for joint engineering and scientific investigations.

## ROUNDUP <br> NASA LYNDON B. JOHNSON SPACE CENTER <br> houston, TEXAS

Thursday July 3, 1975

## NAF Program Now In Full Swing

Light university students this summer are working at JSC under the Agency's National Aerospace Fellowship Program.

Included in the program are Ricky Alford, Michael Cates, Pamcla Gearhart and Kathleen Stockton, Southeastern State University; Sharon Gude, Prairie View A\&M University: Samuel Harris, Southern University: David Solis, Texas A\&I University: and Larry Roberson, Tuskegee Institute.

The objective of the NAF Program is to encourage members of minority groups to undertake professional carcers in scientific and engineering fields so that the number of highly trained persons in space-related science and technology will be more representative of

## Networks To Air

 Extensive CoverageBeginning July 13, there will be extensive coverage of ASTP by all the television networks including CBS, NBC, ABC and PBS. The schedule follows: July 13 . ABC Special. 8:30-9:30 p.m.: July 14 , NBC Special, 3:30-4:00 p.m. and 10:30-11:00 p.m.; July 14, CBS Special, between 10:30 and 11:00 p.m.: and July 17. PBS Special, 8:00-10:00 p.m.

CBS will also run five Bicentennial Minutes narrations with Dr Christopher Kraft, Glynn Lunney and the three ASTP astronauts as subjects. The "Minutes" will appear at the end of CBS's first prime time show each night. Airtime for each follows: Dr. Kraft, July 13; Gen. Stafford, July 15; Slayton, July 18; Lunney, July 20 and Brand, July 21.


NAF - Eight University students are working at JSC under NASA's National From left to right Program. They are assigned to various Directorates here. Stockton, Ricky Alford, Pamela Gearhart, Michael Cates and Samuel Harris.
the population of the United States and so that NASA will be provided with future needed employees.

Seven universities participated in last year's NAF program, providing the Agency with 20 students.
(Continued on page 4)

## JSC'ers Hold Key AIAA Positions

## A number of JSC employees

 recently were elected or appointed to key positions for 1975-76 in the Houston Section of the American Institute of Aeronautics and Astronautics (AIAA).Chester Vaughan, EP6, serves as Vice-Chairman, Technical, and Clay Hicks, CF, is Vice-Chairman, Operations. Elected to the Section Council were Mark Craig, EX3; Dean Grimm, ED; Kenneth Kleinknecht, CA; Jack Heberlig, LP; and Warren North, CA.

Serving as committee chairmen are Bill Simmons, EP4, Membership; Ernest Hillje, EX3, Education; Carl Huss, FD, Legislative Affairs;

Tom Murtagh, FM9, University Affairs; Joe Aligranti, CC, Representative to the Regional Advisory Council; Norman Chaffee, EP4, Communications; Dean Grimm, ED, Technical Applications. Houston Section Chairman of AIAA is Loren Wood of TRW.

AIAA activities for 1975 got underway June 18 with Dr. Peter Glaser of Arthur D. Little, Inc., addressing a crowd of over 100 at the Gilruth Recreation Center on Satellite Solar Power Stations.
For information on AIAA or other technical societies, contact Bill Simmons, X-4971.

Preparations Nearly Complete As ASTP Liftoff Approaches

With 12 days remaining until Simulator at JSC while their Soviet launch, preparations for the counterparts Alexey Leonov and Apollo-Soyuz Test Project mission Valeriy Kubasov were in a Soyuz neared completion this week as the simulator. countdown demonstration tests and the final joint mission simulation between Houston and Moscow were run.

Apollo crewmen Thomas P. Stafford, Donald K. Slayton and Vance D. Brand today were scheduled to be in their couches aboard the Apollo spacecraft at Launch Complex 39 for the "dry" countdown demonstration test in which prelaunch activities up to ignition are rehearsed. The "wet" countdown test with propellant loading of the Saturn IB launch vehicle was run yesterday.
Mission Control Centers at JSC and in Star City near Moscow were linked together for a 56 -hour final joint simulation of Apollo-Soyuz joint orbital operations. The simulation began Sunday morning and ended Tuesday afternoon.
Apollo crewmen took part in the simulation in the Command Module

The Apollo Crew next week will participate in "Apollo solo" phase simulations with Mission Control Center-Houston, such as launch and centry. In what time is left over, the Apollo crewmen receive Russian language instruction.

Stafford, Slayton and Brand went into medical isolation June 24 as part of the Flight Crew Health Stabilization Plan to head off any likelihood of infections and illnesses among the crew. Leonov and Kubasov went into the Soviet equivalent of medical isolation June 27 in their quarters at Star City. Both crews will fly to launch sites at Kennedy Space Center and Baykonur, Kazakhstan before launch. The Apollo crew will arrive at KSC July 13.

At a press conference before medical isolation began, Soyuz commander Leonov announced

## Ghroughout NASA

NEW FACILITY
Dr. James C. Fletcher, NASA Administrator, recently dedicated NASA's newly-expanded Scientific and Technical Information Facility in Linthicum Heights, Md., near the Baltimore-Washington International Airport. The facility is one of the largest and most comprehensive technical data banks in the world. It serves as the central depository for over 1.2 million items of aerospace-derived technology - - the product of more than 15 years of NASA space and aerospace research.

## WORKSHOP

University and government scientists have gathered at Ames Research Center. Mountain View. Calif., for a 10 -week workshop on space colonization. Among the ideas being considered are the creation of an artificial planetoid and use of the planet Mars or Venus as places where mankind could emigrate.

## QCGAT

Lewis Research Center has begun a Quiet. Clean General Aviation Turbofan (QCGAT) program in its effort to meet present and proposed U.S. environmental stạndards for general aircraft engines.

APPOINTMENT
S. Neil Hosenball. Deputy General Counsel, has been appointed NASA's General Counsel. He has been Acting General Counsel since R. Tenney Johnson was named General Counsel of the Energy Research and Development Administration in February.

## GANYMEDE

Jupiter's largest moon. Ganymede, has been probed by radar for the first time and found to have a rougher surface than the inner planets. The big Jovian satellite slightly larger than the planet Mercury - is considerably rougher than Mercury, Mars or Venus, according to Dr. Richard M. Gold stein of the Jet Propulsion Laboratory.

## MHD

Lewis Research Center recently hosted a worldwide symposium of specialists in closed-cycle magnetohydrodynamic (MHD) power generation systems. MHD is a process by which thermal energy is converted directly to electrical energy by passing a hot. electrically conduct inert gas across a magnetic field.


AIAA OFFICERS - Pictured above are some of the JSC employees recently elected to offices in the American Institute of Aeronautics and Astronautics (AIAA) Houston, Section. From left to right are Mark Craig, Warren North, Chester Vaughan, Kenneth Kleinknecht and Jack Heberlig.

## HURRICANE TRACKING CHART AND STORM INFORMA'

This hurricane tracking chart and storm information is designed for the Galveston Bay and Freeport Area. This is one of the most vulnerable areas along the Texas Coast for hurricane damage due to so many people living near the shoreline and at low elevations. The seriousness of the situation has become more aggravated within the past several years due to the severe Texas City, Kemah-Seabrook Area; 5 to 6 feet in the Baytown and lower ship channel area and 7 to 8 feet further up the ship channel.
There are over 300,000 persons who live within 10 miles of Galveston Bay and Brazoria County that are subject to tidal flooding during a major hurricane. When we consider that National Weather Service records show that approximately 9 of 10 lives lost in hurricanes are caused by arowning from tidal waters, we indeed, have the potential of a very grave disaster. Therefore the National Weather Service urges that all persons who are subject to tidal flooding during a major hurricane, relocate inland or to higher ground. We hope the information provided below and the accompanying tracking chart will aid you in making the proper decision when the next hurricane threatens the Upper Texas Coast

Davis Benton
Meteorologist in Charge
NWS, Galveston, Texas

Storm Tide Evacuation Information For the Galveston Bay \& Freeport Areas
Listed below are some of the major routes leading out from coastal areas with less than 8 foot elevations above mean sea level (MSL), most are 5 feet or lower. This means that most al escape routes in this area will be cut off when tides reach these levels. This does not take in consideration flooding from fresh water or heavy rains fle conceivable that many roadways with higher elevations could become impassable from rain waters. This is not intended to be a complete listing, only the most traveled. Also, keep in mind these are subject to change and quite often do, due to the land subsidence, poor drainage, highway construction and erosion from the Gulf.

## Galveston Isiand and Bolivar Peninsula

Five foot tides could virtually isolate Galveston Island from the Mainland.
Road elevations on IH 45 just south of La Marque, near the railroad overpass, is now down to 5 feet above MSL.
Other elevations on IH 45: 8 feet between 61st street and causeway; 6 feet between causeway and Wye on outgoing land; 8 fee on incoming lane.
Five foot tides will isolate West Galveston Island from


Five foot tides will isolate Bolivar Peninsula from Normally, the ferry ceases operation when tides reac Three foot tides isolate Bolivar Peninsula from High I he northeast. Highway 87 near Gilchrist and just sou sland has elevations of 3 feet MSL
San Luis Pass bridge normally is closed when tides re ince the road on the Brazoria county side becomes fl mpassable.
Four foot tides will begin to put water over Highways the Wye and Hitchcock and on Highway 146 betwee and the Texas City Levee.

Texas City Area
Loop 197 between Junctions of Highways 3 and 1 Texas City Levee 3 feet above MSL
Texas Avenue or FM 1765 between 29th street and Highway 146
M 1764 or Palmer Highway between 29th stree and Highway 146
Loop 197 north, between 29th street and Highway 146.
Highway 146 between Texas City and Dickinson Bayou, at Moses Lake

## ION FOR THE GALVESTON BAY AND FREEPORT AREAS

her Service, Galveston, Texas.
 5 feet.
and or to of High

FM 517 south, between the San Leon Area at the Chamber of Commerce Building and Highway 146 FM 517 between Highway 146 and Dickinson on Gum Bayou
FM 517 no
, between the Bay and Highway 146 Kemah-Seabrook and the NASA Area Highway 146 in Kemah between FM 2094 and Clear Creek
FM 2094 between Highway 146 and League City 6 feet MSL 7 feet MSL. Highway 146 in Seabrook between Clear Creek and
NASA Road 1 ....................................... 5 feet MSL Todville Road between Hammer street and Highway 146
NASA Road 1 between Highway 146 and Spacecraft Center
Red Bluff Road between Highway 146 and Bay Area Blvd 5 feet MSL

Bayport Road (Old Highway 146) between Todville 6 reet MSL Road \& La Porte

## Baytown Area

Lynchburg Ferry crossing on Highway 134 Bayway drive in Baytown, near Scott Bayou Market Street in Baytown, at Goose Creek. West Main in Baytown at Goose Creek . 6 feet MSL. 4 feet MSL Highway 146 in Baytown at Goose Creek ........... 8 feet MSL FM 2354 at Cedar Bayou ...... 3 feet MSL on Baytown side 5 feet MSL on Chambers County side.

Anahuac-Chambers County Area
West Bayshore Road between Oak Island and
Anahuac
4 feet MSL.
FM 562 leading out from Smith Point 5 feet MSL.
FM 1985 (Whites Ranch Road) between FM 562 and
Highway 124 ................................... Highway
FM 1985

Five foot tides will cut off escape routes from Surfside Five foot tides will flood FM 523 between Highway 332 and FM 2004.
Five foot tides will flood FM Road 2918 leading out from the coast near the mouth of the San Bernard River.
Highway 288 leading out from Freeport 8 feet MSL.


## Hurricane Season <br> cane Season Peak month <br> June 1 thru Nov. 30

 Aug. \& Sept.Number of Tropical Storms and Hurricanes, by month, that has affected the Galveston-Freeport Area in the past 100 years.
$\begin{array}{lll}\text { June ...... } 4 & \text { July .... } 8 & \text { August... } 12 \\ \text { September } 14 & \text { October . } 4 & \text { November . } 0\end{array}$ Ten of these were considered major storms, that inflicted heavy loss of life and property damage. Winds were in excess of 100 MPH and tides above 10 feet. The 1900, 1909, 1915, 1932, 1943 century. They killed over 6,000 persons.

Recommended Actions Prior to Hurricane Season or Before a Watch
. Know the elevation above MSL of your home or place of business.
2. Familiarize yourself with past flooding in your area. Is your home subject to tidal flooding
3. Have your route picked out or planned if it 3. Have your route picked out or planned, if it safety or higher ground.
4. If you live in a Mobile Home, Pre-arrange for safe shelter.
5. Know the locations of storm shelters in your . Check

Check your insurance coverage.
Hurricane Watch
Does not mean that hurricane conditions the hurricane will threaten this area within 24 the hurricane will threaten this area within 24 RECO RECOMMENDED ACTIONS WHEN A WATCH IS SUPELIES YOU SHOULD ARRÄNGE and SOME 1. Fresh batteries for your radio and flashlights. 2. Candles, lamps and matches.
3. Non-Perishable foods, canned goods and drinking water containers.
windows \& other glass openings such as boards, lumber \& tape.
6. Prepare to moor your boat or move it to safer
7. Monitor progress of storm via radio or TV. Hurricane Warning
When a warning is issued, it means that hurricane conditions are expected within 24 hours. High tides, winds in excess of 74 MPH , heavy rains and flooding and the possibility of Tornadoes
Take the following actions immediately
Never Never remain in $m$
winds are expected. leave for higher ground
a. Board-up large windows and other exposed glass
b. All outside loose objects should be placed inside.
Move your most valuable possessions that you cannot take with you, to higher points within your home.
3. If you remain at home
a. Stay indoors, on leeward or downwind side of house and away from windows or glass b. Bewa
be fool of the Eye of the Hurricane. Do not be fooled by a lull in the wind, it could be that you are in the eye; if so, extremely high
winds, above hurricane force, will rise rapidly from the opposite direction in a matter of minutes
There are many other actions that can be taken prior and during a storm. Conditions will vary considerable, depending on the strength of the construction, and the ever-changing road
building and elevations due to the land subsidence.
After the Storm
Frequently, persons who have weathered or survived a storm venture outside and are electrocuted by blown down power lines. 1. Do not touch or go near fallen utility lines. . Make sure you see where you are walking. If it's dark stay inside or if water remains, take no chances in wading unless absolutely necessary.
Drive with
roads are still under water
4. Poisonous snakes and insects are always a threat in this area during the post-storm clean-up.
5. Guard against spoiled food, contaminated water and fires.
Hurricane Terms That Are Commonly Used Tropical Disturbance-An area of disturbed weather in the tropics that has the potential of storm development.
culation at the surface in closed low pressure cir解 the tropics with winds

Tropical Storm-A closed low pressure circula fon at the surface in the tropics with winds 39 to 73 MPH.
Hurricane-A closed low pressure circulation in he tropics with winds in excess of 74 MPH Small with possible hurricane conditions for this area, advises small craft operators to take pre cautions and not to venture into the open Gult Gale Warnings-When winds of 38 to 55 MPH are expected.
Storm Warning-When winds of 55 to 74 MPH expected. Normally, not used in the Gulf or this area, usually Hurricane warnings follow Gale warnings.
area within 24 hours
Hurricane Warning-Hurricane force winds or high tides and seas are expected to strike this area within 24 hours
When a Hurricane Threatens the Texas Coast An Emergency Hurricane Information Center established at the National Weather Service in Gaiveston to disseminate hurricane warnings to persons along the Upper Texas Coast. The long ological sensors along with the NWS vas communications network affords the news media up-to-date information on the storms progress and its potential effects to this area. In addition to providing the latest storm informa tion to the media, frequent hurricane briefings are Officials for this area ricials for this area.
Sources For The Public to Obtain the Latest
Hurricane Information
. Virtually all commercial radio and TV stations ne to the National Weather Service Offices and broadcasts are
. Radio Station KGBC, 1540 KHz , Galveston, in addition to their teletype connections, has a direct radio link between the Weather Office and the station, both on emergency power. All rebroadcast KGBC's messages, if land lines are disrupted from Galveston Island.
3. The NOAA National Weather Service Radio Stations; 162.55 MHz at Galveston and 162.40 at Houston broadcast the latest information on a continuous basis
4. Law enforcement Agencies, Civil Defense, Officials are kept abreast of community progress and are continually disseminating storm related information.

 the space program has been one of the most exciting experiences of her life.

Phoncille was the first secretary assigned to the Apollo Spacecraft Program Office and had progressed to administrative assistant to the Associate Director of the Center when she began her professional

## SPACEPEX SALUTES ASTP

"Salute to the Apollo-Soyuz Test Project" is the theme of the fifth annual stamp exhibition, SPACEPEX-75, which will be held July 25-27 at the Holiday Inn, 1300 NASA Road 1. The event is sponsored by the JSC Stamp Club. A number of Center employees as well as many other stamp collectors will exhibit space related stamps and covers and will compete for awards such as the American Philately Society Certificate of Award, the Apfelbaum Award, the JSC Philately Award and a sterling silver medallion.

There are no restrictions for competitors entering the space topi-

Director Christopher C. Kraft who had been nominated to receive the American Astronautical Society's Space Flight Award. He was chosen for the award and I was so pleased that I felt as though I had won it myself!" Phoncille exclaimed.
Since that time, she has re searched and prepared numerous writeups, generally for non-federal awards - and has gained a reputation as one of the most accurat writers of technical and biographical information at JSC. Because of her expertise and experience, she frequently is asked advice by the Awards Officers at other NASA Centers.

The "fun part" of her job, she says, is helping to organize the Awards Ceremonies. Among other ssignments, she prepares the Awards Program booklets and assists with the awards presentations.
The list of contributions Phon cille has made to the Awards Office and to the Center is endless, "But above all other things I have accomplished, I think I have found the nost pleasure in implementing an Outstanding Secretary Award for our Center," Phoncille said. She hopes that the idea will be implemented throughout the Agency.

Another contribution Phoncille made to the Center goes back to her Langley days. While working with the Space Task Group there, she participated in a contest to name the first official publication of the Center. Her suggestion, the Roundup, was selected from among numerous names submitted.
Phoncille is a member of the American Business Women's Association, Altrusa International, the JSC Federal Women's Program Advisory Committee, and a number of other organizations.

## Take stock in America. <br> Buy U.S. Savings Bonds.



WORKSHOP - Some of the participants of the Aerospace Education Workshop held recently at JSC listen intently to Jim Poindexter, Education Specialist as he describes some of NASA's spacecraft. The Workshop was held June 9-20.

## Workshop Held For Teachers

Forty-seven area teachers participated in an Aerospace Education Workshop held recently at JSC. The workshop was sponsored by JSC, the University of Houston and the Civil Air Patrol.

## Employee Dies

Delmar A. Kimbark, forme chief of the JSC administrative communications center, died recently in a local hospital following a brief illness. Kimbark served in the U.S. Navy during World War II and was later employed by the U.S. Air Force. He came to JSC in March 1964 and remained until his retirement in December 1971. He is survived by an aunt, Mrs. Mildred Mellis of Beacon, New York


Delmar A. Kimbark

Topics covered during workshop sessions were Lunar Science, Earth Resources, Space Shuttle, ASTP, Aerospace Medicine, Food and Nutrition and a number of other subjects.

NASA speakers and resource persons were on hand for the ses-

Field trips included a tour of Ellington Air Force Base and an airlift to Eglin Air Force Base, Florida.

Three semester hours were offered by the University of Houston for participants in the ten-day workshop.

## Attention!

The time has come to start training for the first annual JSC superteam competition. Patterned after the professional sports program, teams will compete in tug-ofwar, softball, volleyball, basketball and distance relays. Points will be awarded to the first four places in each event. The team which accumulates the most points will be the Superteam for 1975. Deadline for entering is August 30 . Form teams now and contact Doug Burns, X3594 for further information.

## ASTP Preparations (Continued from page I)

that Salyut 4 crewmen Pyotr during the ASTP mission. Klimuk Klimuk and Vitaly Sevastyanov will and Sevastyanov today began their remain aboard the space station

## NAF

(Continued from page 1)
NASA grants for the NAF Program are awarded to universities, not to individual students; therefore, institutions receiving grants are responsible for selecting students who will participate in the program. NAF students must have completed at least two years of work at the under-graduate level, and must be in the upper third of the class.

The NAF program, is administered at JSC by the Employee Development Branch of the Personnel Office. 41st day aboard Salyut.
Simultaneous flight by Salyut, Apollo and Soyuz will bring the number of men in space at one time to seven. The Soviet Union previously had seven cosmonauts in space in October 1969 when Soyuz 6 and 8 each with a crew of two, and Soyuz 7 with a crew of three all were spaceborne at the same time.


ROUNDUP The Roundup is an official publication of the National Aeronautics and Space Administration Lyndon B. Johnson Space Center, Houston, Texas, and is published every other Friday by the Public Affairs Office for JSC employees.

Editor: Janet Wrather
Photographer: A. "Pat" Patnesky

## Roundup Swap-Shop

Swap Shop advertising is available to JSC and on-site contractor personnel. Articles or services must be offered as advertised, whout regard to race, religion, sex or national origin. Ads should be 20 words or less, including home telephone number Name and office code must accompany, but need not be included in ad copy. Typed or printed copy must be received (AP3 Attn: Roundup) by Thursday of the week before publication.

## MISCELLANEOUS

Unusual opportunity to buy genuine antiques from England to be auct
Thursday, July 10 th, Morgan 4193 . Rotary mower, $22^{\prime \prime}$, self-propelled, rass catcher, 488-1758.
Used adding machines, commercial quality, Remingto ier, 333-2263.
Full-size pool table, li nw, w,
nd 4 cue sticks $\$ 200,471-3097$. Two G78x14 used wsw tires, 2 -strip $\$ 10$ ea, 10 spd bike, $\$ 35$, 333-2395. Hooker headers 69 Dodge, 340 eng $\$ 50$, elec stove, $\$ 20,2$ kitchen sinks 946-4458.

## VEHICLES

Sold truck, stuck wi camper, Cabover Poptop, icebox, butane
make ofr, $332-6056$. 44-0315. nds throttle cable 644-0315.
${ }^{24 \prime \prime} 10$ spd bike li nw, $\$ 49$
75 Ford pickup $3 / 4$ ton xint f-250 $6900 \mathrm{GVW}, 4,700 \mathrm{mi}$, loaded, fender too box, 2 gas tanks, etc, 641-1583. 67 El Camino, gd work car 644-0315.
72 Plymouth, 9 pass, wgn, air, radio
auto trans, pwr b/s, $\$ 1800554-2330$ League City.
69 cadila
illes, full power, Deville, 70,000 comfort seats, nw tires, exhaust, dual dark brown vinyl top, cocoa brown bottom, dark brown leather interior xInt cndn, $\$ 1,450$, Schmidt, 3734 or 472-8908 aft 5:30.
V8, auto trans, a/c, ps, $19,000 \mathrm{mi}, 302$
ires, $\times 1 \mathrm{l}$
$944-2131$.
69 Olds Cutles, $\$ 2,500$, Harris, 69 Olds Cutlass, ht, 4 -dr, 350 eng,
oaded $\$ 800,488-0228$
home off. Rent, I6' Golden Falcon travel trailer,
self-contained, $x$ int cndn, sips 6 . 488-2387, x2816.
sink, stove, water con crank-up camper, sink, stove, water tank, ice bx, slps 6 , delux, 488-2387, $\times 2816$.
engn tíme, full IFR engn time, full IFR panel, dual NAV/ slope, marker DME, TXP, ELT, glide will lease back, Schmidt, 472.8908 ,

## household articles

## $\$ 100$, Teasdale, $\times 2981 / 481-6074$.

 21" GE Portable B\&W tv w/stand gd cndn, \$70, Teasdale, 2981/481-6074. two $10^{\prime \prime}$ and two 4 " walnut cabinets, gd cndn, $\$ 53,488$-3966.$23^{\prime \prime}$ RCA color TV, beautiful wood cabinet, gd cndn $\$ 95$, Handley, $\times 4776$ or
$482-7041$.
on chest, $\$ 60$ noty pine furniture, chest gold, $\$ 40$, desk chest $\$ 50, \times 4788$ or gold, $\$ 40$,
$488-6310$.
Elect cooktop, cndn, $\$ 45$,
$721-1538$.

## PROPERTY AND RENTALS

## Friendswood, 3-2-3 Custom built con

 temp, acre lot fruit and pecans, ap praised at $\$ 56,500.00,482-7837$. Beautiful sandy lot near lake in Flori$\$ 59 /$ mo 7 percent equity $\$ 993$, make ofr, must sell, Mark, 422-0008.

## PETS

Cairn Terrier, AKC reg, male, 10 mos old, free to gd home loves children,
Carver 2131 or $334-1764$ aft 5 . AKC miniature Schnauzer pups, xint pedigree, beautiful, healthy, place orders now, ready July 17, $\$ 100$ ea, Sharon
Thompson, $481-1518$, Thompson, 481-1518.
male, 1 yr old, $\$ 100$, female, 18 mos old, $\$ 80,485-3450$. 18 mos Black female retriever, 5 mos, papers, shots, $\$ 75$, dog house available,
$334-1925$ or 483-4511. BOATS
Holmes Mah, o/bd 16 ' fully eq, 75 hp Evinrude, r/lights, 2 gas tanks, L/jackets canv cover for boat, 2 wh tr wi winch, \$850, Brian 529-3558.

## WANTED

## Join carpool from Southwest Hous-

 on to JSC 8-4:30, Joan, 3507.Grand piano, Roth, 2844 or 488-6876.
Used flute, Lyle, 2831
Two $26^{\prime \prime}$ bikes, will pay up to $\$ 25$, nd one ladies' one mans', Diaz, 5404 or 3734.
member to join existing carpool Rangel, 5965 or $774-1607$ JSC, 8:30-5. Want to form carpool from Hiram Clark/South Post Oak area, hrs flexible,
Jeanie, 5834 or 433-3750.

