

Sanford Herald

81st Year, No. 31 — Sanford, Florida

NEWS DIGEST

BRIEFS

Students threaten Games

SEOUL, South Korea — Hundreds of students clashed violently with riot police today at two Seoul campuses, exchanging firebombs, rocks and tear gas as a student leader warned of possible attacks on the Summer Olympics.

In a melee at Kyunghee University at least two students were injured and a shop near Korea University was set afire by firebomb-throwing militants during a clash there, witnesses said. More than 500 students took part in the two protests.

The incidents, sparked by students' demands that police release South Korea's preeminent student leader, escalated the threat of major unrest in Seoul.

Northrop resisting subpoenas

WASHINGTON — Congressional investigators subpoenaed a Northrop Corp. officer to testify today because the company has withheld an internal review of allegations that it made illegal payoffs trying to sell its F-20 fighter plane to South Korea.

Chairman C. Meredith Wilson of Northrop's executive committee was summoned by the House Energy and Commerce Subcommittee on Oversight and Investigations, which has spent months probing reports of a 1984 company joint investment with Korean partners in a hotel that never was built.

Thatcher visits Northern Ireland

BELFAST, Northern Ireland — Prime Minister Margaret Thatcher arrived today in Northern Ireland for an unannounced one-day visit with members of the security forces and the business community.

Her plane touched down at the Royal Air Force base in Aldergrove, outside Belfast about 8:30 a.m., a Northern Ireland Office spokesman said. She was accompanied by her husband, Denis.

From United Press International reports

INSIDE

Nation

Singleton back in California

PINOLE, Calif. — Lawrence Singleton, convicted of raping and mutilating a teenage hitchhiker with an ax and leaving her for dead, has surfaced in the county where he lived when the crime occurred, and officials say they fear they cannot guarantee his safety.

"We just simply can't protect him," Mayor Phil Green said Tuesday. "He's not welcome here. Our community cannot support him being here."

See Page 7A

Sports

Soviets oust U.S. hoopsters

SEOUL, South Korea — On the same day the United States suffered an embarrassing loss to the Soviet Union, there was growing anti-American resentment in Seoul, further drug incidents and a threat the final days of the Olympics could turn ugly.

In what was the single most significant event of the entire Olympics for most Americans, the U.S. basketball team came out flat today and never did rise to its expected level, dropping an 82-76 semifinal decision to the Soviet Union.

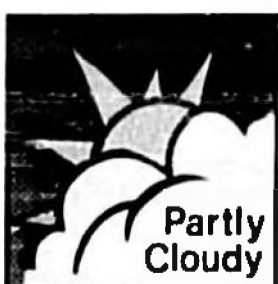
It was only the second setback in Olympic history for the Americans against 84 victories, and marks the first time they will not play for the gold medal.

See Page 1B

INDEX

Bridges.....	6B	Florida.....	2A
Calendar.....	5B	Moroscope.....	6B
Classifieds.....	10B	Nation.....	7A
Comics.....	6B	People.....	5B
Crossword.....	6B	Police.....	3A
Dear Abby.....	5B	Sports.....	1B
Deaths.....	5A	Weather.....	2A
Editorial.....	4A	World.....	5A

Watch for afternoon showers



Partly cloudy with a good chance of scattered afternoon thundershowers. Highs in the high 80s dropping to the low 70s tonight. Thursday morning partly cloudy with temperatures in the low 80s and a 20 percent chance of rain.

NASA confident, ready

United Press International

CAPE CANAVERAL — Playing it safe, NASA ordered special tests to prove a satellite booster on board the shuttle Discovery will work properly, but a top agency official said today he was "reasonably confident" the ship will be cleared for blastoff Thursday.

NASA managers met for five hours Tuesday to review the shuttle's flight readiness, and astronaut Robert Crippen, chairman of the panel, said overall, Discovery was on track for liftoff at 9:59 a.m. EDT Thursday on the first American manned space flight since Challenger blew up exactly 32 months ago today.

Results of overnight tests to resolve the booster O-ring issue were not yet in, but Crippen said early today that he feels "reasonably confident they'll be able to come in and say we're in a go condition."

"The weather looks reasonable," he said in an interview. "As Florida forecasts go down here, it's probably about as good as we could reasonably expect. The mood of the team is upbeat. Everybody is looking forward to tanking it up and lighting it off."

If all goes as planned, Discovery's crew — commander Frederick Hauck, 47, co-pilot Richard Covey, 42, John "Mike" Lounge, 42, David Hilmers, 38, and George "Pinky" Nelson, 38 — plan to spend four days in orbit before landing on a lakebed runway at Edwards Air Force Base, Calif., at 7:55 a.m. PDT Monday.

"They're the luckiest Americans in the country because out of all of us — they very soon will be on orbit," Rear Adm. Richard Truly, chief of the shuttle program, said in an interview. "They're a lucky bunch of guys and they're ready to go."

Cape buzzing with activity..... See Page 8f

Building 'a road to the stars'

EDITOR'S NOTE: This is the third in a five-part series profiling the members of the Discovery crew. Today, John 'Mike' Lounge.

United Press International

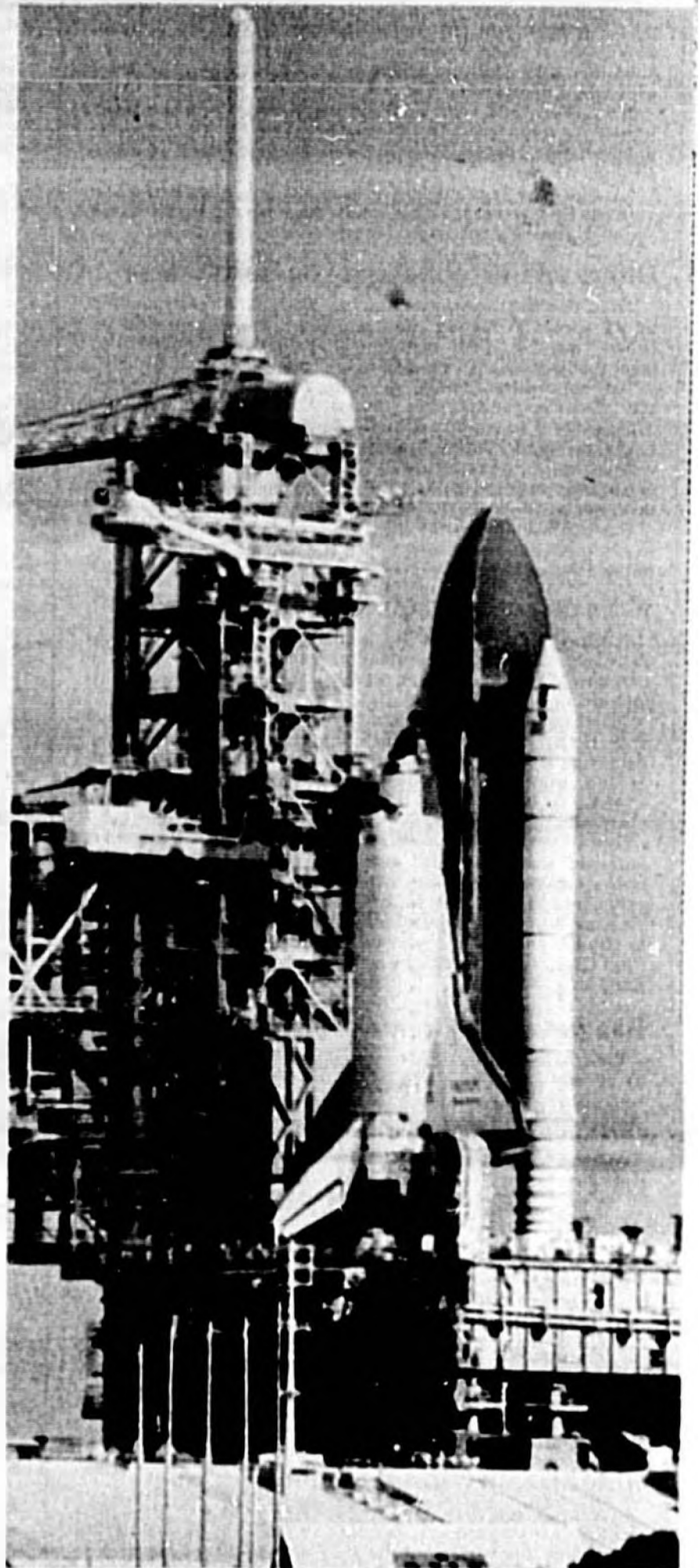
Discovery astronaut John "Mike" Lounge believes Americans should support their space program like they supported construction of the Interstate highway system because "we're building a road to the stars."

Lounge, a 42-year-old physicist and science fiction buff, will be responsible for launching a \$100 million communications satellite during his flight aboard the shuttle Discovery, scheduled to blast off Thursday on the first post-Challenger shuttle mission.

For Lounge, the criticism NASA endured after the 1986 Challenger disaster was simply the price of doing business in an open society.

"Maybe it's the openness of the society, that we share all the trials and tribulations," he said in an interview. "And our budgeting"

See Road, Page 3A



The shuttle Discovery sits poised and ready to head skyward at 9:59 a.m. tomorrow. A nagging problem with a communications satellite, which is to be launched from the spacecraft, is expected to be solved today. NASA officials say they are ready for launch. Along the space coast, residents and visitors wait nervously as the countdown continues.

\$174.2 million budget approved

Little change in tax rate

By J. MARK BARFIELD
Herald staff writer

SANFORD — Seminole County commissioners on Tuesday approved next year's \$174.2 million budget and the same rate of millage as last year.

Next year's county property tax bill should be about the same for residents of cities, unless their property was reassessed by the Property Appraiser's Office.

Sanford residents have been hit hardest by the reassessments, with some homeowners assessed a 100 percent increase.

The millage, or tax rate per \$1,000 of assessed property value, will be about \$4.56 per \$1,000. Last year the rate set was \$4.58.

Although the tax rate is slightly less, new construction and property reassessments will allow the rate to generate about 9.1 percent more tax dollars for the county. Last year's base rate, excluding voter-approved

See Budget, Page 5A

Warehouse investigation intensifies

By CAROL RUMSEY
Herald staff writer

SANFORD — The investigation into the purchasing practices of the Seminole County schools supply warehouse has been turned over to the Seminole state attorney's office.

School board attorney Ned Julian was asked to review the case last month after a state and internal audit revealed several irregularities. The warehouse was closed for a month this summer to do an inventory and subsequent audit investigations revealed severe overstocking and a \$63,000 discrepancy in the actual inventory and warehouse ledgers.

In a Sept. 26 letter to state attorney Robert B. Fisher, Julian wrote, "My review of the data strongly indicates action on the part of the owner of Lee Chemicals, All-Chem Company and JR Chemical Co., of Florida, Inc. to defraud the local school board of Seminole County. My review further suggests that (former

See Warehouse, Page 5A

Child's parents wait, hope after surgery

By CAROL RUMSEY
Herald staff writer

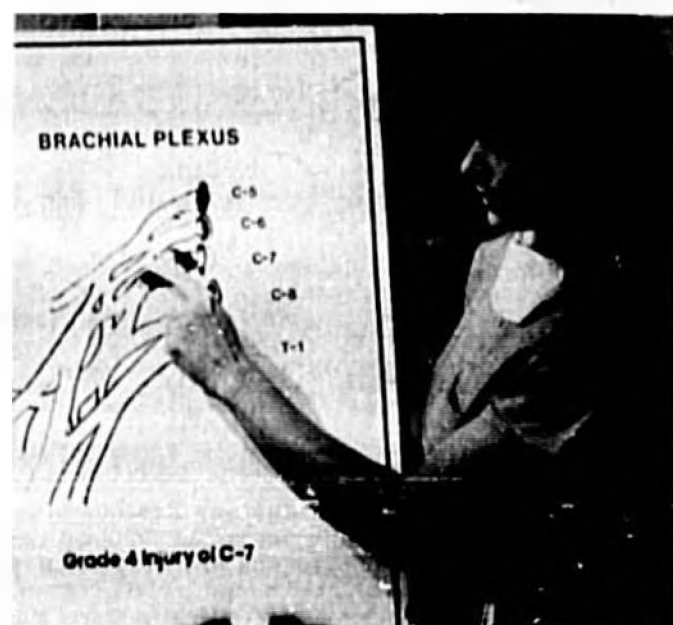
ORLANDO — After nine hours of rare nerve-grafting surgery, one-year-old Jonathan Ruszkowski, of Altamonte Springs, is resting today in the children's pediatric intensive care unit of Orlando Regional Hospital.

Surgeons hope that Jonathan will gain a 60 to 70-percent range of motion in his nerve-damaged right arm and shoulder. However, it will be six months to two years before the degree of success of the surgery can be determined.

The child's parents, Steve and Betty Ruszkowski, said the waiting will be tough, but they will be happy with even a small improvement.

In a conference at the hospital following the operation, Betty said: "The hard part is going

See Surgery, Page 3A



Dr. Joanne Wertz explains procedure.



'Pinky' Nelson and crew take Titusville spotlight. Titusville residents watch nervously as launch nears

United Press International

TITUSVILLE — A town born in the success of the U.S. space program but languishing since the Challenger disaster 32 months ago waits nervously for the Discovery shuttle launch to signal a new era of rebuilding.

Residents in Titusville, across the Indian River from the Kennedy Space Center, have barely coped in the past 2 1/2 years as laid-off workers left town, homes sold below market value and morale sagged.

As Thursday's launch approached, some of the city's 38,000 citizens felt anxious as they looked to a successful launch as a sign that boom times will return.

"Two and a half years is an awful long time to wait," said Nancy Massey, choking back tears. "I think everyone is kind of scared to see what happens and what goes on. I think we're ready to see it again."

Postal employee Jim Smith has sensed a growing nervousness as residents recall the sight of Challenger exploding 73 seconds after launch Jan. 28, 1986.

"I think the anxiety is high," Smith said. "I think because of the Challenger that

everyone had some doubts in their mind and they had that little nagging feeling back there."

Brevard County is among Florida's fastest-growing regions, with 329,497 residents in 1984, but Titusville suffered a setback after Challenger, with a 20 percent drop in deliveries for the post office, Smith said.

What was a tourist mecca for each manned space launch turned into a depressed community hanging on every twist in the long process of returning to space.

"The tourist business went down," said Angela Lovejoy, a hotel worker. "People were still working at the space center. Then they hired everybody back last year. The morale in the community is really up again, finally."

This week, many in Titusville wore green ribbons that said: "Florida Space Coast Says Go." Employees at the space center also wore the green ribbons.

Lovejoy hoped a successful launch would spur real estate sales and attract new businesses to town.

Cheryl Olsen, a bank employee, remembered that in the post-Challenger slump some families had to double up on jobs to make ends meet.

Cape braces for hordes of visitors

United Press International

CAPE CANAVERAL — Thousands of reporters and VIPs, including actors John Travolta and Daryl Hannah, want to witness America's return to manned spaceflight, straining facilities at the Kennedy Space Center.

NASA officials said a record 5,100 applications had been received from news organizations by late Tuesday, and more were expected up until an hour before the planned launch Thursday morning.

The invited guest list bulged with the names of seven senators, 39 congressmen, five foreign officials, one Cabinet secretary and dozens of top-level federal officials.

"It's been a real logistical nightmare," said Karl Kristoferson, chief of news services at the Kennedy Space Center. "They're coming from all over the world."

By Tuesday night, the grassy press site within view of the Discovery's launch pad had

become a cable-laced forest of TV production trucks, most sprouting satellite dishes to beam the launch around the world.

NASA officials warned the larger news organizations to restrict their electrical use for the rest of the week, citing the unexpected drain on the power supply. A brief interruption knocked out a few television stations Tuesday.

"We've maxed out on power," pleaded NASA spokesman Ed Harrison. "If you turn on one more coffee pot ... you might bring everybody down. We need you to not put anything else on the line."

Lisa Fowler, a NASA spokeswoman handling media credentials, said requests flooded the press center throughout the day, even as the countdown progressed toward the launch, and she expected applications until one hour before liftoff.

Applications were nearly double the 2,707 issued for the inaugural flight of the shuttle

Columbia in 1981 and well above the 1,467 journalists at the cape when the Challenger mission failed in 1986.

But access to the press site during launch itself was at a premium.

Post-Challenger studies conducted by the Air Force showed that in the event of a major failure early in the launch phase, a shuttle's solid-fuel boosters could prove more dangerous to spectators than had been previously believed.

Because of those concerns, NASA will allow only 1,800 people on the press site during launch. The rest will be forced to watch the launch from a causeway about 3 miles farther away and allowed back on the space center 15 minutes after blastoff.

A VIP viewing site also has been set up about 7 miles from the launch pad. Access there will be limited to 2,000 on a first-come, first-served basis. The rest will be directed to the causeway.

Among VIPs expected to watch the liftoff were movie stars Travolta, a guest of Apollo

11 astronaut Buzz Aldrin, and Hannah of "Splash" fame. Also expected to attend was singer John Denver, who wants to fly in space.

Interest in Discovery's mission was high from foreign news organizations, including the Czechoslovakian news agency, prompting NASA to set up a special desk in the main press center to handle their inquiries.

But the American television networks, with hundreds of accredited employees, dominated the media contingent at the space center press site. Crews from the European Broadcasting Union set up facilities in a long trailer just in front and below the major U.S. networks.

"We're using land we've never used before," said A. Diana Ibles, the NASA logistics officer for the press.

Sultan Al Saud of Saudi Arabia, a member of the Discovery's flight in June 1985, leads the list of foreign dignitaries, most of whom work in their country's embassies in Washington.

Space crystals will be helpful in AIDS research

United Press International

CAPE CANAVERAL — When the shuttle Discovery blasts into orbit, its crew will use the weightlessness of space to grow oversized crystals in an experiment expected to teach the world more about AIDS.

The protein crystal growth, or PCG, experiment, will "help advance the technology attracting intense interest from major pharmaceutical houses, the biotech industry and agricultural companies," NASA said.

Astronaut George "Pinky" Nelson will supervise the scientific work involving an enzyme called reverse transcriptase, which the space agency describes as "a chemical key to the replication of the AIDS virus."

"More detailed knowledge of its three-dimensional (crystal) structure could lead to new drug treatments for AIDS," NASA said.

Cosmonauts orbiting the planet aboard the Soviet Mir space station have already conducted other experiments investigating the deadly acquired immune deficiency syndrome.

Drug maker Burroughs Wellcome, sponsor of the AIDS experiment aboard Discovery, said, "Knowing the precise structure of a complex molecule provides the key to understanding its biological function, and could lead to methods of altering or controlling that function."

"In the case of reverse transcriptase, this could lead to the way to inhibit HIV."

Shuttle has several abort options

United Press International

CAPE CANAVERAL — If a major problem strikes the Discovery in the minutes after it blasts off Thursday, shuttle commander Frederick Hauck will have several options for safely aborting the flight and returning to Earth.

While none of the procedures would save a crew from a Challenger-class booster explosion, they would provide a way for a shuttle to safely land after one and in some cases, two failures of its liquid-fueled main engines.

And in a worst-case scenario involving multiple main engine failures — called a "contingency abort" in NASA's low-key parlance — Hauck and company would be able to take advantage of a new post-Challenger crew bail-out system to avoid "ditching" in the ocean, which most astronauts do not believe is survivable.

The other abort modes are called "inflight" aborts, and which one is available at any given point during the shuttle's 8 1/2-minute climb to space depends on when an engine failure or other problem occurs. And several options overlap, giving a crew additional flexibility.

Discovery would be able to make it back to

the Kennedy Space Center for an emergency landing if an engine failure occurred any time during the first four minutes and four seconds of flight. After that, the shuttle would be too far away to make it back to Florida on its two remaining engines.

But because of Discovery's planned trajectory and the weight of its payload, a trans-Atlantic landing (TAL) would be possible starting at two minutes and 35 seconds after blastoff — a case of overlapping aborts.

The primary TAL landing site is a desert runway at Ben Guerir, Morocco, operated by the Moroccan air force. Other landing fields are available at Moron, Spain, and Banjul, Gambia, on the west coast of Africa south of Morocco.

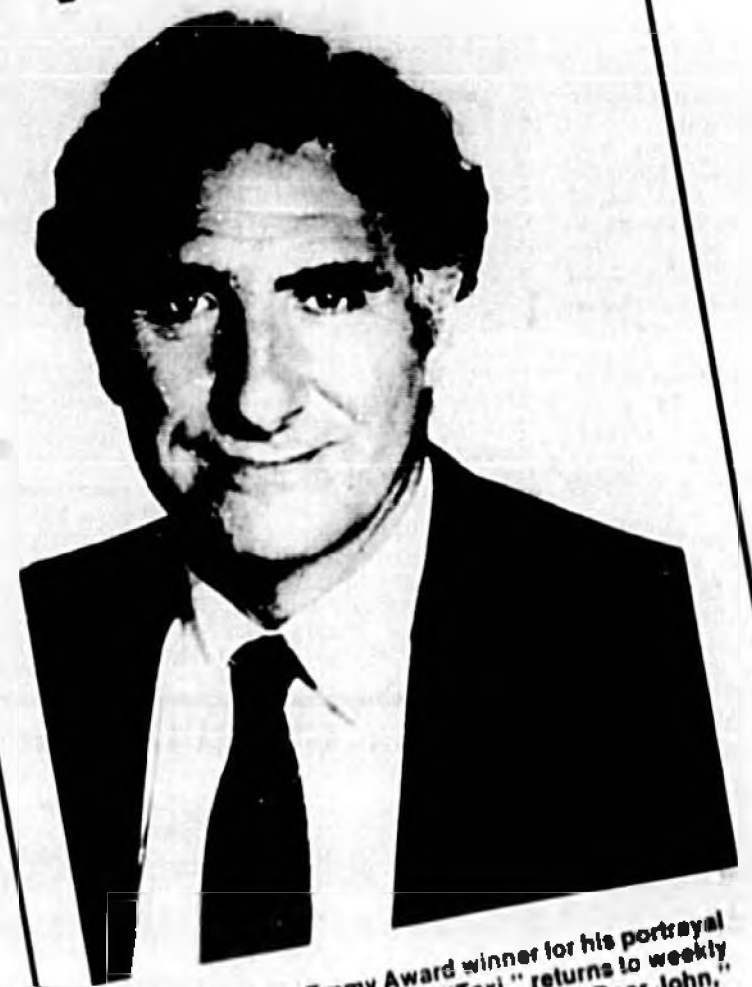
"The landing site is selected ... to make the most efficient use of space shuttle main engine propellant," according to NASA. "The landing site must also have the necessary runway length, weather conditions and U.S. State Department approval."

The runway at Ben Guerir, an abandoned Strategic Air Command base, is the longest at 14,000 feet, while Moron's is 11,840 feet and Banjul's is 11,700 feet.

The airports' fire departments have received special training from NASA to prepare for a TAL.

Every Friday!

TV Week



Judd Hirsch, an Emmy Award winner for his portrayal of cabbie Alex on the series "Taxi," returns to weekly TV as the star of the new NBC comedy "Dear John," which premieres Thursday. He plays a man who joins a singles' support group after he is deserted by his wife.

Phone Circulation at 322-2611 to start your Sanford Herald subscription

Sanford Herald

THE STORE FOR HIM

SEMINOLE CENTRE (WAL-MART PLAZA - SANFORD)

QUITTING BUSINESS Sale

ENTIRE STOCK

1/2 OFF

ORIGINAL PRICE

STORE FIXTURES FOR SALE

STORE HOURS
Mon-Sat.
10 a.m. to 9 p.m.
Sunday 12:30-5:30



3625 Orlando Drive (Wal-Mart Plaza)
Seminole Centre
322-9091

Cash, Check, Visa, MasterCard, Discover Club, American Express, Carte Blanche

NATIONAL BRIEFS



Airliner crash formally blamed on pilots

WASHINGTON — Government investigators are leaving official blame on an inexperienced flight crew for last year's fatal crash of Continental Airlines Flight 1713 in a snowstorm at Denver's Stapleton International Airport.

The National Transportation Safety Board faulted pilot Frank Zvonck, 43, of Carlsbad, Calif., for failing to have the wings of the DC-9 passenger plane deiced a second time after a 27-minute delay in gaining takeoff clearance.

Ice, which alone may not have caused the crash, became deadly when co-pilot Lee Bruecher, 28, of Houston, was at the controls and lifted the aircraft's nose twice as much as it should have at takeoff, the NTSB concluded Tuesday.

The DC-9, more vulnerable to ice than other aircraft, stalled and went out of control as it rose from the Stapleton runway Nov. 15. Its left wing caught the ground and broke off, and the rest of the aircraft skidded for a quarter-mile, breaking into three major pieces and killing 28 people, including both pilots.

Damages sought in surgeons' mistake

NASHVILLE, Tenn. — A federal judge has been asked to place a price on the pain suffered by a World War II veteran who discovered 43 months after surgery that doctors left a 13-inch instrument in his stomach.

Testimony began Tuesday before U.S. District Judge Thomas Wiseman Jr. in a \$450,000 suit brought by Sam Sizemore, 63, who underwent an operation at Veterans Administration Medical Center in Nashville in 1983 for an ulcer.

The surgeons removed the ulcer but left behind in Sizemore's stomach a 13-inch-long, 1-inch-wide stainless steel retractor used to protect his abdomen during the operation. It was removed in a second operation in 1986.

Sizemore, of McEwen, Tenn., claims to have suffered from constipation, hemorrhoids, abdominal pain, nausea, stress, lack of sleep and weight loss while the instrument was in his stomach.

Rowan said gun didn't need registration

WASHINGTON — Syndicated columnist Carl Rowan, charged with possessing an unregistered pistol during a shooting at his home, told a jury he thought the weapon was exempt from the city's strict gun-control ordinance.

Rowan, 63, waited for jurors to decide whether he was wrong to use the gun after being awakened by trespassers outside his home. Closing arguments and instructions to the jury were scheduled for today.

Rowan, a staunch advocate of gun control, testified Tuesday that he believed the 22-caliber pistol he fired at a teenage intruder did not have to be registered under the District of Columbia's gun regulation.

Rowan said the revolver was given to him by his son, a former FBI agent and federal marshal. Rowan said his son was repeatedly told by police that the firearms of former law enforcement officers are not required to be registered under the ordinance.

From United Press International reports

Rapist returns to California county, officials cannot guarantee his safety

United Press International

PINOLE, Calif. — Lawrence Singleton, convicted of raping and mutilating a teenage hitchhiker with an ax and leaving her for dead, has surfaced in the county where he lived when the crime occurred, and officials say they fear they cannot guarantee his safety.

"We just simply can't protect him," Mayor Phil Green said Tuesday. "He's not welcome here. Our community cannot support him being here."

Singleton has been in suburban Pinole, 20 miles northeast of San Francisco, for the past several days. Police Chief Ted

"We just simply can't protect him. He's not welcome here. Our community cannot support him being here."

—Pinole (Calif.) mayor Phil Green

Barnes told the City Council on Monday night. Barnes said Singleton was in town to take care of personal business.

The revelation brought telephone calls the next day from concerned residents and demands from Contra Costa County and city officials that Singleton leave.

City Councilman Roy Swear-

ingen called for Singleton to move on, but cautioned the community not to over-react. "I have a concern for the whole community and I have concern for the kind of public outcry that will occur," he said. "This man is hated by everyone. I'm concerned that there will be some kind of violent act."

Singleton was arrested in 1979

and convicted of raping Mary Vincent, chopping off her forearms and leaving her for dead along a road near Modesto.

After serving eight years of a 14-year prison sentence, Singleton was paroled last year and the Department of Corrections tried to send him to Contra Costa County, where he had been living at the time of the attack.

But community protests forced him out of Antioch and Concord, and there was a near riot in Rodeo, just 2 miles north of Pinole (pop. 13,200). He wound up spending his parole year on the grounds of San Quentin before being given his outright release.

Special prosecutor called to investigate Times' story

United Press International

NEW YORK — A special state prosecutor was named to investigate whether an illegal leak led to a news report that a grand jury believed Tawana Brawley made up her account of rape and abduction by white men.

"Any unauthorized disclosure of grand jury materials is illegal and deplorable," Attorney General Robert Abrams said Tuesday. "I have asked Deputy Attorney General Charles J. Hynes to look into this matter."

Abrams empaneled the grand jury after Gov. Mario Cuomo appointed him special prosecutor in the investigation of Brawley's allegation that she had been abducted and raped by six white men over a four-day period last November.

The New York Times reported Tuesday that the grand jury had concluded that the teenager's account was not true. Abrams refused to confirm or deny the story, but vowed to prosecute whoever disclosed it to the newspaper.

Cuomo, in Los Angeles Tuesday, said he asked Abrams to "inform me whether or not he believes any illegal breach of confidentiality has occurred and, if so, by whom and how."

"I have not read The New York Times story," Cuomo said. "I'm not going to take the word of a newspaper for what the evidence is before the grand jury."

"The leak to the Times is a hoax," the Rev. Al Sharpton, a Brawley family adviser, said Tuesday. "It is nothing but a whole series of reckless speculations by someone who has not backed it up

by one iota of fact."

He said he, the Brawley family and the family's lawyers, C. Vernon Mason and Alton Maddox Jr., would hold a news conference today to refute the report.

The Times reported that the grand jury reviewed more than 100 witnesses' testimony, confidential medical and police reports and secretly taped telephone calls and concluded that Brawley was lying.

Brawley, 16, of Wappingers Falls in upstate New York, disappeared for four days last November and was found dazed, smeared with dog feces and wrapped in a plastic bag outside her family's former home. She told police she had been abducted and sexually assaulted by six white men, one who showed her a police-like badge and holster.

The account captured national attention and became a focal point for those claiming blacks are victims of racism in the criminal justice system.

Actor Bill Cosby was among those who initially rallied to Brawley's cause, offering \$25,000 for information leading to the capture of her attackers.

The Times reported that the grand jury determined Brawley apparently hid out during the four days and put herself into the degrading condition, perhaps to deceive her mother's companion, Ralph King, who disapproved of her lifestyle.

The Brawleys moved to Virginia Beach, Va., last week, but on Tuesday they were seen loading up a car and leaving the luxury apartment complex.

Alaskan iceberg harvest draws official fire

United Press International

ANCHORAGE, Alaska — Ice cubes made from Alaska icebergs are selling like hotcakes in Japan, where they are considered "romantic," but plans to chop up bergs in one of the state's most scenic bays are getting the cold shoulder.

State officials are considering the latest proposal, and most of the two dozen responses handed in by Monday's deadline opposed plans by Afognak Logging of Seward to pluck 500,000 pounds of ice out of Alalik Bay, about 100 air miles south of Anchorage, where icebergs regularly break off from several glaciers.

The state, which has legal jurisdiction over water use in and around Alaska, decided it had jurisdiction over icebergs when assistant attorney general Michael Frank ruled, in effect, that ice is water.

Because of that ruling, Afognak Logging needs a state water appropriation permit to "harvest" icebergs from nearshore waters.

Touted for its ancient, pure freshness, "Glacier ice has a real romantic ring to it in Japan," said Albert Schafer, president of Afognak Logging, which is no longer in the logging business but is eager to put its idle equipment to work hauling icebergs.

In July Schafer sent his 135-foot barge, equipped with a 45-foot crane, to get ice for a test shipment to Japan. That launched plans for a full-time glacier ice business in Alalik Bay, near Seward, and Icy Bay, 300 miles east.

The Orlando Sentinel endorses Fred Streetman

"...the record shows that, on balance, the current commission chairman (Fred Streetman) has served the county well.

"...the commission has been holding a tighter line on development. In spite of complaints from developers, this commission has been guiding development in a reasonably orderly manner.

"...the line on low density development along the Wekiva has been maintained. Mr. Streetman argues for wetlands protection and he lobbied and voted for Seminole's model wetlands protection laws...

"Mr. Streetman also has been in the lead on road building and for impact fees to help growth pay its way. He pushed for bonding of gas tax monies to build roads quicker...it was much through his Tallahassee connections that enough money was secured to extend the expressway..."

September 1, 1988

The **Seminole Outlook** contrasts Fred Streetman with his challenger!

"Fred Streetman says he is campaigning on his record and in our opinion it is a good one. Streetman has proven himself as a successful businessman, and a strong business background is important..."

"While on the commission, he has shown he has the courage to make sound business decisions and has been willing to stand behind them..."

"Jeff Etchberger may have been in government longer, but always as a bureaucrat. The county has more than enough bureaucrats..."

September 1, 1988

ON TUESDAY OCTOBER 4TH, THE CHOICE IS YOURS — BUSINESSMAN OR BUREAUCRAT

"Fred Streetman is a no nonsense businessman who gets the job done and gets it done the right way. Four years ago we Seminole County Republicans elected Fred our county commissioner. Fred's forceful leadership, sound judgment, and unwavering honesty have proved that we were right."

Congressman Bill McCollum

Seminole County Commissioner • District 3 • Republican

Fred Streetman

A good man for our county

Pd Pol Adv

Feel Good Again!
LAKE MARY BLVD
CHIROPRACTIC
CLINIC
• AUTO ACCIDENTS
• PERSONAL INJURY
• PAIN CONTROL
• WORKER'S COMP
• SLIP & FALL INJURIES
PH. 322-9300

TOP BANK TOP RATE

8.00%

6 Month SunBank CD

8.25%

1 Year SunBank CD

You've just zeroed in on the best bargain in banking. These short-term, high-yield CD's are available now at your nearest SunBank. For those who want to take it to the top and stay there.

The banking leader in Central Florida.

\$2,500 minimum deposit required. Substantial penalty for early withdrawal.
Member FDIC © 1988 SunBank, Inc. A SunTrust Bank

BLONDIE



by Chic Young

BETTY BAILEY



by Mort Walker

THE BORN LOSER



by Art Sansom

ARCHIE



by Bob Montana

EEK & MEEK



by Howie Schneider

ARLO AND JANIS



by Jimmy Johnson

BUGS BUNNY



by Warner Brothers

FRANK AND ERNEST



by Bob Thaves

GARFIELD



by Jim Davis

TUMBLEWEEDS



by T.K. Ryan

Various remedies can help neuritis

DEAR DR. GOTT: I've had sphenopalatine neuritis on the right side of my face since 1967. Several ENTs are suggesting severing nerves. Is there another remedy?
DEAR READER: Neuritis is marked by malfunction of a specific nerve or set of nerves, causing numbness, weakness and (sometimes) pain. This malfunction can be the result of injury, compression of the nerve (by tissue that pinches), poor circulation to the nerve, nutritional deficiencies and infection. If you have a chronic pain syndrome and the doctors have ruled out a treatable cause for your symptoms, a nerve-severing operation may be your best hope.

However, before consenting to surgery, you should ask the doctors about the possibility of temporarily numbing the nerve with an injection of anesthetic. The sphenopalatine nerve lies close to the cheek bones on either side of the face. By injecting the area around the nerve, a surgeon may be able to give you some relief. If so, then a nerve operation might benefit you. If not, severing the nerve will probably not relieve your pain. For more information, I am sending you a copy of my Health Report, "Living with Chronic Pain."

DEAR DR. GOTT: I've seen advertisements that claim individuals can increase their height by two to four inches by following an exercise program designed to straighten the spine. Is there any validity to these claims?
DEAR READER: I'm afraid not. You cannot increase the height of a fully grown spine by exercising. On the other hand, we are all aware that some people slouch and have poor posture. These folks could certainly be helped by exercises designed to make them stand straight. The thrust of the advertisements you mention is to give cruel hope to people with spinal

abnormalities, particularly the elderly who may have osteoporosis or the normal shortening tendency that comes with age. Most people will gain height by standing straighter and throwing their shoulders back. Those with backbone problems would



MEDICINE
PETER GOTT, M.D.

be better off seeking medical advice and treatment.
 (C) 1988, NEWSPAPER ENTERPRISE ASSN.

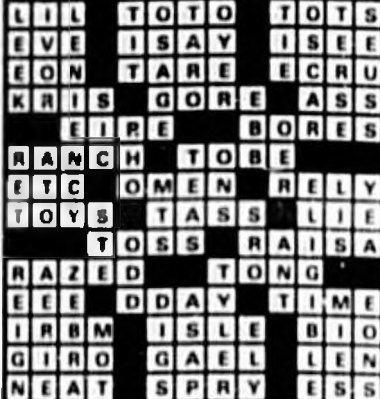
ACROSS

- 1 Grooved
- 7 Sleep slides
- 13 Slicker
- 14 Boorish
- 15 At reduced price (2 wds.)
- 16 At once
- 17 Illuminated
- 18 Urgent wireless signal
- 20 Mountain pass
- 21 Cut
- 23 In such a manner
- 24 Takes chance
- 25 Author Zane
- 27 Gruffy
- 30 Football cheer
- 32 ——— Francisco
- 33 Labor group (abbr.)
- 34 ——— la-la
- 35 Wool
- 38 Compact
- 41 ——— War (1899-1902)
- 42 Pharmacist's direction
- 44 Iowa college town
- 46 Openings
- 47 Language suffix
- 48 Kentucky blue grass
- 49 Vital parts
- 52 Surrounded
- 55 German
- 56 Vim
- 57 Arm covering
- 58 Occupation

DOWN

- 1 Takes in
- 2 Inner covering
- 3 Coat type
- 4 Senator's aunt
- 5 Wiggly fish
- 6 Clothing
- 7 Police
- 8 Fog (Scot.)
- 9 Flying saucer (abbr.)
- 10 Dyes slightly
- 11 Property
- 12 Stores
- 19 Alley
- 22 More uncertainty
- 24 ——— split
- 26 Ivy League member
- 28 Landing boat
- 29 Organs of hearing
- 31 Ad ———
- 35 Parchment
- 36 Association

Answer to Previous Puzzle



- 37 Vetch
- 39 Baseball official
- 40 ——— C. Scott
- 41 Cowboy's shoes
- 43 Sailing ship
- 45 Butterfly genus
- 47 Medieval slave
- 50 Consumed food
- 51 After Oct. Spain
- 53 Last queen of
- 54 Neighbor of France (abbr.)

WIN AT BRIDGE

By James Jacoby
 Today's declarer put a bit too much trust in his opponents' bidding, although that trust would be justified 99 percent of the time. West's four-spade bid put considerable pressure on North-South. North made a penalty double, but South chose to remove it to five clubs. When the diamond was led, declarer won in dummy, drew the trump and promptly took a spade finesse, intending to discard a heart loser. East's king of spades was unexpected. East exited with a diamond and declarer eventually lost two hearts for down one. South showed true grit, admitting he should have made five clubs. All he needed to do was plan ahead. It's true that the king of spades rated to be onside, but there was a measurable chance that it was offside (and it was). South's winning play is to win the diamond lead, ruff a diamond with an honor, lead a trump to dummy and ruff another diamond. He then leads one more trump to dummy and ruffs the last diamond. With diamonds eliminated, declarer leads a heart and plays dummy's jack. East wins the queen but has no successful lead. Anything gives up an 11th trick. The key is to admit that even 99 percent isn't perfect and can be improved on. Even then it is necessary to think about it early. If declarer fails to ruff a diamond at trick two, the end position won't work. Full marks to South for acknowledging his error.
 (C) 1988, NEWSPAPER ENTERPRISE ASSN.

NORTH 8-7-11
 ♠ A Q
 ♥ K J 4
 ♦ A 8 6 4
 ♣ A 10 8 5

WEST ♠ J 10 9 5 3 2
 ♥ K J 4
 ♦ K Q J 7
 ♣ —

EAST ♠ K 7
 ♥ A Q 10 8 3
 ♦ 10 8 5 3
 ♣ 9

SOUTH
 ♠ 8
 ♥ 9 6 3
 ♦ 2
 ♣ K Q J 7 6 4 3 2

Vulnerable: Both
 Dealer: West

West 4 ♠ Pass
 North Dbl Pass
 East Pass
 South 5 ♣

Opening lead: ♠ K

HOROSCOPE

What the day will bring...

SAGITTARIUS (Nov. 23-Dec. 21) One-to-one relationships could take on greater importance than usual today. You should be very lucky in your partnerships.

CAPRICORN (Dec. 22-Jan. 19) Your material prospects, as well as conditions pertaining to your career, are quite promising today. This is a time when anything is possible.

AQUARIUS (Jan. 20-Feb. 19) The impressions you make on people you meet today will have considerable significance. You need not worry because you'll be a smashing success.

PISCES (Feb. 20-March 20) This is an excellent day to try to conclude a matter of importance. Stay on top of the situation until you get the results you desire.

ARIES (March 21-April 19) Unusual benefits could develop today through association with others. Don't be a loner; go where the action is and make your personality and presence felt.

SCORPIO (Oct. 24-Nov. 22) Joint ventures that you enter at this time have excellent chances for success. If you think you have something worthwhile, give it a go, even if it's untested.

LIBRA (Sept. 23-Oct. 23) It comes to managing difficult situations, you will be tough to equal today. Your insights will be extremely accurate. Trying to patch up a broken romance? The Astro-Graph Matchmaker can help you to understand what to do to make the relationship work. Mail #2 to Matchmaker, c/o this newspaper, P.O. Box 91428, Cleveland, OH 44101-3428.

Taurus (April 20-May 20) You're still under fortunate influences where your finances are concerned. While on this lucky roll, make sure you are doing everything possible to capitalize on the opportunities.

GEMINI (May 21-June 20) Don't be intimidated by challenging developments today, because you have the wherewithal to figure out things to your advantage. Be bold and assertive.

CANCER (June 21-July 22) Everything should work out today if you let events run their natural course. It's best not to try to alter situations that are humming along smoothly.

LEO (July 23-Aug. 22) The larger the group you mix with today the better it is for you. Somewhere in the throng, valuable new contacts can be established.

VIRGO (Aug. 23-Sept. 22) Ambitions having excellent chances of being fulfilled today, so don't be hesitant to think bigger than usual. Lady Luck will help make up for any shortcomings.
 (C) 1988, NEWSPAPER ENTERPRISE ASSN.

PEANUTS

by Charles M. Schulz

Beginning October 2, you can WAKE UP SUNDAY MORNING TO THE NEW SANFORD HERALD

Beginning October 2, 1988 the Sunday edition of the Sanford Herald will be delivered to you Sunday morning instead of Saturday afternoons. This will enable you to receive the latest in local, state and national news. The Monday through Friday editions will still be delivered to you with "today's news today" in the afternoon. The New Sanford Herald, "We're changing for you."

August 28, 1988 **SUNDAY** 50 Cents

Sanford Herald

51st Year, No. 2 - Sanford, Florida

Anti-flood work begins

Merchants get quick-fix relief

NEWS DIGEST

10 wounded in plane crash

Sports

INSIDE:
 Baseball, Page 28
 Scoreboard, Page 48
 Classified, Page 68

IN BRIEF

Coller, Volez best bulldozers

Event raises \$300 for Suggs Fund

People

INSIDE:
 Comics, Page 6C
 Television, Page 7C

IN BRIEF

The deaf are not dumb

But they must live under prejudice, misunderstanding

Perspective

INSIDE:
 Editorial, Page 2D
 Health, Page 4D
 Books, Page 6D

VIEWPOINT

Behind the scenes at the TV networks

As I walked up the steps of the NBC building in New York, I couldn't help but feel like the luckiest man on earth.

Imagine that. Me winning a national contest and, as a result, being afforded the opportunity to meet some of the top broadcast journalists in the country.

I still couldn't believe that I was the lucky one, the only person who correctly answered all the questions in the "BLANDER" (Staunch Librarian) And Non-Hair District Endorsement Rangement Contest, a nationwide contest sponsored by the Log television networks.

The questions weren't really all that hard. You just had to be able to correctly spell the words "gubernatorial," "delectable," and "periphrastic," and correctly answer 10 questions pertaining to the networks' endorsement of liberal presidential candidates for the past 24 years.

Piece of cake.

Now the newsmen and I was going to get to meet the three network news anchors that I had always admired so much - Tom Brokaw, Dan Rather, and Peter Jennings. There are other good news anchors out there, but these three guys, they're the heavyweights. I was actually going to sit in on a network summit and listen as the "Big Three" discussed covering the presidential election campaign.

When I walked into the room, the meeting had already started. Sure it was 30 minutes early but I didn't mind. I was, after all, a special guest. I had to put an act on.

Brokaw had apparently gotten the ball rolling. "There is to be a very Dan Quayle and discreditable George Bush, we all agree that's the whole idea of this election year," Brokaw said. "I couldn't help but notice that you and assistant commentary specialist, John Charles, in the back of the room with a wince on his face, looking like the cat who just ate the canary as he listened to the conversation while using newspaper to remove dead flesh from his elbows. I don't know if we can do that now."

United Press International

Columbia in April 1981 in the program's maiden voyage.

...continued we would have wound up with a better product," said network chairman Fredrick

SUNDAY MORNING DELIVERY BEGINS OCTOBER 2

AFTERNOON DELIVERY WILL CONTINUE MONDAY THRU FRIDAY

NEWS
The Sunday edition of the Sanford Herald will offer a more comprehensive, more complete news package. From the latest reports throughout the nation and across the world to the best in-depth local coverage and most accurate weather information on what's in store for Seminole County, the new Sanford Herald will offer the reader a wide variety of informative, up-to-the-minute, useful information. And, as you know, nobody has a better grip on the events in and around Seminole County than we do.

SPORTS
If you're interested in high school and college sports in Seminole County, you won't want to miss the new Sanford Herald. With the opportunity to bring you the best coverage of Saturday afternoon and night football and basketball games, you get the latest and best sports coverage of county sports teams. In addition, the latest and most thorough coverage of national and international sporting events will be on your doorstep and at your fingertips on Sunday morning, including coverage of the baseball pennant races, college and professional football and the upcoming Olympic games in Seoul.

PEOPLE
Seminole County and our newspaper would be nothing without the people. That's why we take a special interest in local citizens, their ambitions, accomplishments, and future plans. People are the heart and soul of any community and we place a strong emphasis on bringing you as much information on local personalities and everyday citizens as we possibly can. We take pride in the people of Seminole County and we're proud to be a part of their past, present and future. We salute them daily and realize they are irreplaceable, vital assets to our community. We have the best coverage of local people right here in the new Sanford Herald.

PERSPECTIVE
With local, state and national elections right around the corner, we have a firm grip on the political scene. We bring you the local candidates, their views and aspirations, as well as the best commentary and editorials on every would-be commissioner, council member or state Senator. In addition to political news, the Perspective section focuses on topics that affect the citizens of Seminole County every day of their lives. If there's something happening in government or involving local, state or federal agencies that affects you, you'll read about it here first. Nobody has a better Perspective.

Phone 322-2611 to start your home delivery of the Sanford Herald.

"We're Changing FOR YOU!"

The New **Sanford Herald**

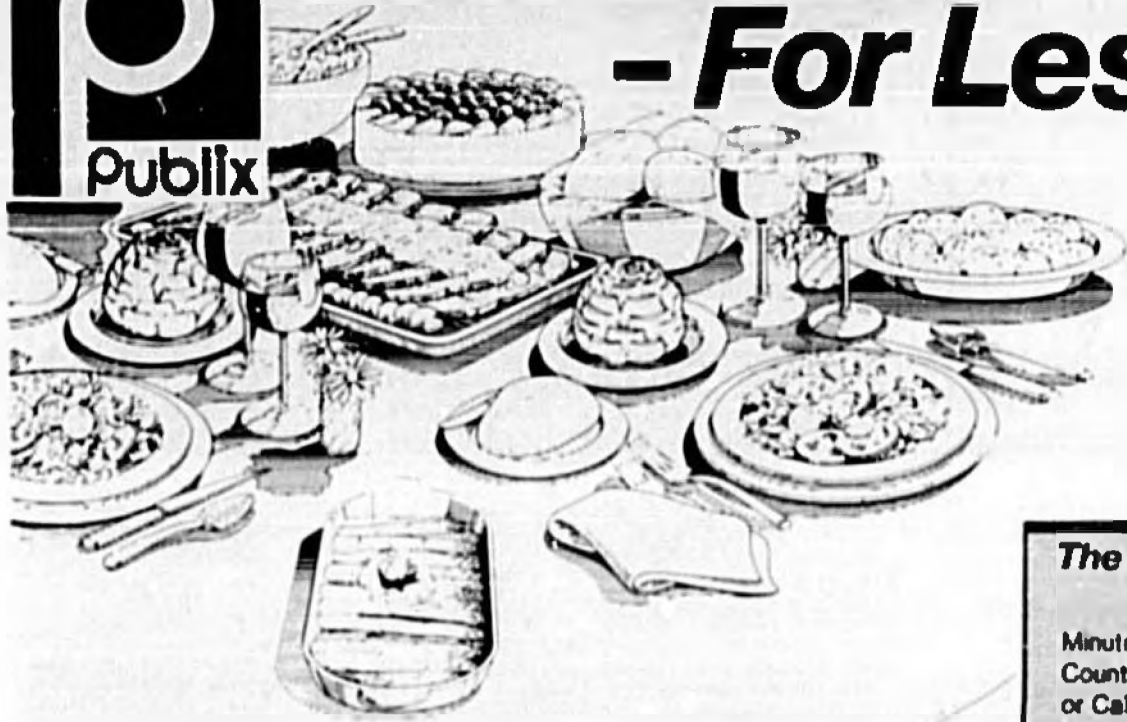
300 North French Avenue

"Your local newspaper since 1908"

Sanford, Florida

The Best Gets Better — For Less

THIS AD EFFECTIVE:
THURS., SEPT. 29 THRU
WED., OCT. 5, 1988 . . .



PUBLIX
RESERVES
THE RIGHT
TO LIMIT
QUANTITIES
SOLD

"The Natural Snack"
Thompson

Seedless Grapes
3-lb. bag
per lb. **69¢**

"New Crop" Crisp Juicy

Red or Golden Delicious Apples

\$1.19

Ripe, Sweet, Western

Honeydews
each for **\$1.29**

NOW!
A first class way to buy stamps.
Publix Customer Service Centers
Now Sell Postage Stamps. They Are
Available in Books of 20 for \$5.00.

Breakfast Club, Florida Grade A White
Large Eggs
per dozen **85¢**

Publix Beef, U.S.D.A.
Choice, Beef Round

Bottom Round Roast
per lb. **\$1.99**



The Best Gets Better — For Less
Lower Salt, No Sugar Added,
Sliced
Olde Smithfield Bacon
1-lb. pkg. **\$1.29**

The Best Gets Better — For Less
Minute Maid Brand Chilled
Country Style, Regular,
or Calcium Fortified
Orange Juice
one half gallon **\$1.59**



THE BEST GETS BETTER — FOR LESS
Regular or Light
Philadelphia Brand Cream Cheese
8-oz. box **89¢**

Country Pride, Seasoned,
"Excellent For Fajitas"

Chicken Strips
12-oz. pkg. **\$1.89**



Frozen Food
The Best Gets Better — For Less
Assorted Flavors
Totino Party Pizzas
each pkg. **99¢**

THE BEST GETS BETTER — FOR LESS
100% Corn Oil Regular,
Light, or Unsalted
Fleischmann's Margarine Quarters
1-lb. ctn. **89¢**

The Best Gets Better — For Less
11-oz. Salisbury Steak, Ham
Steak, Lite Chicken Marsala,
Lite Salisbury Steak,
10.75-oz. Veal Parmigiana,
Chicken With Wine,
10.5-oz. Lite Chicken Oriental,
11.25-oz. Turkey & Dressing,
11.5-oz. Chicken Milan, or
11.75-oz. Chicken Fricassee
Armour Dinner Classics
reg. pkgs. **2 \$5**

Filled With Crunch,
Spicy Apples
Apple Pie
each for **\$1.99**



Item above available in stores with in-store bakeries.

The Best Gets Better — For Less
Assorted Flavors
Gatorade Thirst Quencher
48-oz. bottle **99¢**

Smoked, Lower Salt,
Shank Portion (6-8 lb. avg.)
Fully Cooked Ham
per lb. **99¢**
(Whole or Butt Portion
5-6 lb. avg. per lb. \$1.19)

The Best Gets Better — For Less
Lyke's Meat or Beef Jumbo
Franks or Bologna
1-lb. pkg. **\$1.49**

The Best Gets Better — For Less
Frozen Assorted Flavors
Lenders Bagels
each pkg. **65¢**



COUPON
\$1.00 OFF
With This Coupon
Treasure Isle
Breaded Fantail Shrimp
16 oz. pkg.
(Effective September 29-October 5, 1988) LU 683

The Best Gets Better — For Less
White, Yellow,
or Green or Decorator
Scott Paper Towels
large roll **59¢**

The Best Gets Better — For Less
All Varieties, Pork
Jimmy Dean Sausage
1-lb. chub **\$1.89**

The Best Gets Better — For Less
Vacuum Pak Electric Perk,
ADC, or Regular
Maxwell House Coffee
13-oz. bag **\$1.89**
(Limit 1 Please. With Other
Purchases of \$7.50 or More,
Excluding All Tobacco Items &
Lottery Tickets)

Light or Regular
Pabst Beer
6-pak
12-oz. cans **\$1.69**
(Limit 4 Please. With Other
Purchases of \$7.50 or More,
Excluding All Tobacco Items &
Lottery Tickets)

Orange, Lake, Seminole, Osceola, Polk,
& Highlands Counties

Lipton Tea, Cherry Coke,
Minute Maid Orange, Sprite,
Tab, Minute Maid Diet
Orange, Diet Cherry Coke,
Diet Sprite, Coca Cola
Classic, Diet Coke, Caffeine
Free Diet Coke, Caffeine
Free Coke, A&W Root Beer,
A&W Sugar Free Root Beer,
A&W Cream Soda, A&W Diet
Cream Soda, or

Coke
6-pak
12-oz. cans **\$1.35**

This ad effective at these locations only.

SANFORD
Seminole Centre
3609 Orlando Ave.

LONGWOOD
Longwood Village
Shopping Center
1801 SR 434

LAKE MARY
Lake Mary Village
651 W. Lake Mary Blvd.

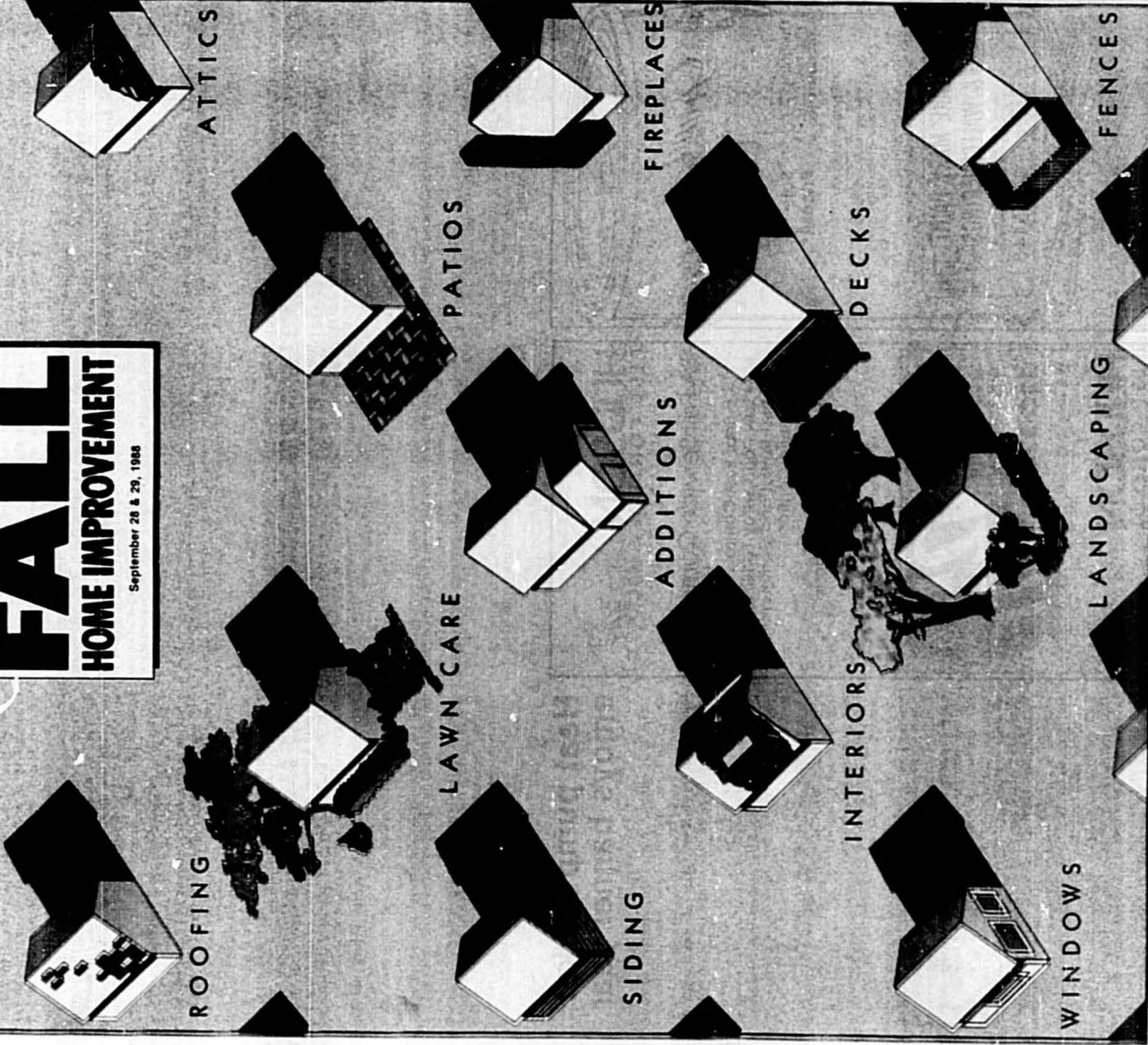
OVIDO
Alafaya Square
81 Alafaya Woods Blvd.

where shopping is a pleasure

Use the convenient
automated teller at Publix. It's
Presto!



Sanford Herald
FALL
 HOME IMPROVEMENT
 September 28 & 29, 1988



Get all the latest for under \$1.00 a week

One dollar — It can't buy you breakfast.

In fact, there is not much of significant value that you can purchase for under one dollar anymore - except a daily newspaper.

The Sanford Herald can satisfy your appetite for news and much more. A daily newspaper is a smorgasbord of information — international news, national events, state and local happenings, sports, recipes, consumer tips, buying guides, weather reports and features concerning your personal world. It can entertain you with witty columns and clever cartoons. It saves you money with coupons and important sale information. And it can even find you a job or a new home in classified.

All this for less than a dollar a week — and home delivered, too!

Celebrate
 National
 Newspaper Week,
 October 2-8, 1988,
 with us.

Get the best bargain in town delivered right to your front doorstep every day. Order your subscription this week and receive 13 weeks for only \$10 with this ad.

The best bargain in town just got better. Call now

322-2611
Sanford Herald



New steel log houses being tested in U.S.

United Press International

MIAMI — A Venezuelan construction design that uses hollow steel logs to build sturdy, super-insulated homes in a hurry is getting its first test in the United States.

During construction the homes look like shiny, space-age log cabins but a stucco covering gives the finished house a more conventional look.

The rustproof galvanized steel logs are stacked to form the walls and are held together by steel connector frames.

"It's the same principle as a Lincoln Log," said Stefan Johansson, the first U.S. licensee to use the design.

His Sunhouse Construction Co. is building five 1,500-square-foot log townhouses in Miami's trendy Coconut Grove. The 90-day construction schedule calls for an open house Nov. 1.

The spiral "logs" are made to size at the construction site from coiled bands of 28-gauge steel. An ordinary tubefforming machine, a standard piece of equipment used to make pipes, rolls them into shape.

It takes two days and eight coils of steel the size of a truck tire to put up the walls. That is about 1,600 pounds of steel per house, or one-third the weight of a Chevy Suburban.

"The material for one of these fits in the trunk of a car. That makes it good for remote construction sites," the builder said.

The logs are banded with X's of steel for additional support, then covered with steel mesh. The time required for the basic construction is less than half that needed for conventional methods.

Lightning is not the threat it might seem because the steel is encased with non-conducting material. The steel walls are grounded in the concrete

foundation and covered outside with stucco and inside with wallboard.

"Once the walls are up everything else is conventional, the plumbing, electricity, the windows and so on," Johansson said.

The design was developed and patented by Venezuelan Alexander Stein, who licensed it to Johansson through his Sistema Tronco company in Caracas. "Tronco" is Spanish for "log." Johansson has named his project "Troncoconut."

Some 1,000 houses steel log houses have been built in Latin America in the past five years, mostly in Venezuela, Johansson said. The technique also was used to build a 250,000-square-foot office complex at an air force base, a resort motel, and some strip shopping centers there.

Johansson decided to put his first steel home to the test in Miami, where building codes require homes to withstand termites, high water and 120-mph hurricane winds.

"Dade County has one of the strictest building codes in the nation. We knew if it passed here it would pass anywhere," Johansson said.

The log houses also withstood simulated earthquakes well in testing at the Central University in Venezuela, he said. The connector design spreads the stress over the entire wall. When the ground shakes, the logs shimmy but the wall remains intact.

"The house is like a belly dancer," Johansson said. "It shakes but it can't collapse. You'll get cracks in the stucco but you can just patch that up."

Steel log buildings cost \$6.50 to \$7 per square foot to build, compared to \$9 a square foot for wood-frame and \$10 a square foot for concrete block, for an overall savings of about 20 percent, according to Johansson.

The metal logs are screwed into place with regular power drills and no special training is required for the construction crew.

"It's not like you need a lot of carpenters," Johansson said.

The hollow tubes trap air inside, providing excellent insulation. The steel logs have an insulation rating of R-11, more than twice the insulation value of concrete blocks, which are rated R-5 on the standard scale used to measure a material's resistance to heat loss.

There is some wasted space because the interior walls are 12-inches thick, the same as the exterior walls, and the insulation the logs provide there is unnecessary. The design doesn't lend itself to easy remodeling, either.

"You can't just knock out a wall," Johansson said. The Coconut Grove project has attracted lots of attention from curious passersby and from neighbors who worried that the odd-looking steel log walls were the finished product.

"When we just had the logs up, we had 30 people a day stopping by, wanting to know what it was. It was hectic," said Johansson, whose next project is to build 80 to 100 log homes in Orlando.

Two of the two-bedroom, loft townhomes in the Coconut Grove project sold before construction for \$125,000. Real estate agents described the price as competitive for such a home in that neighborhood.

They suggested home buyers would not be influenced one way or another by the steel log design because when the walls are finished they won't see the logs. It will probably be traditional considerations, such as location, size and floor plan, that influence the decision to purchase a steel log home, they said.

The primary advantages of the design are the ease of transporting the raw materials, the building speed and the reduced construction cost. That makes the technique especially promising for use at remote industrial sites and in rapidly growing communities where lots of housing is needed quickly.

Grand Opening

Quality makes the difference. **MOORE PAINTS** Sale Prices!!

Specializing in:

- Benjamin Moore Paints
- Graber Window Treatments
- In Stock Fine Wallcoverings
- Expert Advice
- Contractors Welcome

LAKE MARY PAINT & WALLCOVERINGS

Located at the Shoppes at Lake Mary (Corner of Country Club Rd. & Lake Mary Blvd.)

STORE HOURS:
MON-FRI 7:30 AM - 6 PM
SATURDAY 8 AM - 6 PM

322-5118

Quality makes the difference. **MOORE PAINTS**

HUDSON PEST CONTROL

"A Full Service Company"

- Indoor Pest Control
- Lawn and Spray Fertilizer
- Residential and Commercial Termite Control
- Pretreats
- Real Estate Inspections

330-3305

SAVE 25% ON INITIAL SERVICE WITH THIS COUPON.

330-3305

25% OFF

HUDSON PEST CONTROL

Heat pump market enjoys banner year

The heat pump, that energy-efficient system that both heats and cools homes and businesses, had a record year in 1987, as more than 900,000 heat pumps were shipped in the United States, 3.9 percent more than in the 1986 record year.

Despite its name, a heat pump provides summer cooling as well as winter heating. A heat pump replaces both furnace and central air conditioner with a single heating-cooling system. "pumping" heat into buildings in winter and out in summer.

Heat pumps operate like regular air conditioners during warm weather. It is the heating cycle that accounts for their significant savings.

Unlike a furnace that converts fossil fuel or electricity into heat, the heat pump collects heat that already exists in the outdoor air. This means that the heat pump can supply from 1.5 to 2.5 times more heat than the energy it uses.

On electric heating bills, heat pumps can mean savings of 30 to 60 percent less energy to supply the same heat as an electric furnace.

Heat pumps are most cost-effective in temperatures above freezing. For colder days, supplemental heat may be necessary, either by a booster electrical resistance heater installed with the heat pump, or by fossil fuel heating.

When buying a new heating and cooling system, or replacing an old one, consumers should consider how a heat pump works, geographic location, initial cost, operating cost savings, payback, service and maintenance.

The latest information about heat pumps, including money-saving tips and an easy-to-understand drawing, is featured in the Air-Conditioning and Refrigeration Institute pamphlet, "Heat, Cool, Save Energy With a Heat Pump."

Solar screens the 'in' thing Floors

Thousands of homeowners install storm windows each year. If you are planning on investing in storm windows, or if you already have them, there's a tip on how to make them save energy all year long.

Instead of conventional insect screens that usually come on storm windows and cover only the bottom window, look for storm windows that are available with full length SunScreen (U.S. Patent No. 4,002,188) solar screens.

When used in place of regular insect screening, SunScreen can block up to 70 percent of the sun's heat.

The result in a window that will help keep your heat inside during the winter months and the sun's heat outside in the summer.

If full solar radiation is desirable on some windows (south facing ones, for example), the solar screens can be removed

and stored during the winter months.

Many homeowners fail to realize exactly how storm windows work. Storm windows do a great job of controlling heat and cold that are transferred by conduction and convection.

But there is a third type of heat transfer that is very important in heating and cooling — radiation.

And, almost all of the sun's radiated heat (or sun rays) pass right through the layers of glass and air that make up most storm windows.

Once these sun rays enter the window, they are absorbed and re-radiated within that home as heat.

That's why carpets, furnishings and even glass surfaces exposed to direct sun rays become quite hot even when it's freezing cold outside.

Imagine how this radiated heat can add to your cooling costs in the

summertime.

This is where SunScreen can make a big improvement on the summer efficiency of storm windows. Since the screens are installed on the outside of the glass, they stop a large portion (up to 70 percent) of these sun rays before they enter the window.

Heat that never enters your home is heat that your air conditioner never has to remove. SunScreen solar screens are a lot like putting your windows under a large shade tree, except that the screens stay in place all day long to keep the heat from the window surface.

The energy auditors at most local utility companies are a good reliable source for recommendations concerning storm windows and solar screens.

Many utilities recommend the application of solar screens, and some even may offer incentives.

Continued from Page 9

taped together over a foam underlayment — makes it ideal for the do-it-yourselfer.

True to its name, SpectraWood is available in a full spectrum of eight pastel and neutral shades including mauve, blue, green and white. The solid ash prefinished panels measure 4 1/2 inches by 19 inches, and feature a unique linear arrangement of parquet squares.

SpectraWood panels can be installed in a wide variety of traditional and not-so-traditional parquet patterns. Colors and

patterns even can be combined within one installation for a unique checkerboard, patchwork or basketweave floor, says Dryden.

Olympic Ash is a three-fourths inch thick solid ash plank with beveled edges. The product is available in Frost White, a pale ivory finish, or Pewter Grey, a contemporary neutral. Three, four and five-inch widths add design versatility.

Despite its delicate grain pattern, ash is an exceptionally durable hardwood, says Dryden. "A tough, no-wax finish ensures scratch-

resistance and easy-care maintenance, essential with any type of light-colored floor," she adds.

Tarkett also offers cleaners specially formulated to maintain the natural beauty of Tarkett hardwood floors. Called Crystal Clear, the line of maintenance products is available wherever Tarkett hardwood floors are sold.

For more information about Tarkett hardwood floors and Crystal Clear maintenance products, Hardwood Division-North America, P.O. Box 303, Johnson City, TN 37605-0300.

Time

Continued from Page 10

home.

With winter only a few months away, fall is also the time to weatherproof your home. Proper insulation and draft-proofed windows and

doors can help lower annual energy costs.

Installing energy-efficient windows and doors, and wall-to-wall carpeting are also effective means of lowering heating and cooling costs, while at the same

time improving your home's aesthetic value.

Whether the reality of your dream home is months or years away, the finished product of home improvement is sure to be enjoyed for years to come.

Home & Garden Specialists

REMODELING BY
B.E. LINK CONSTRUCTION
(407) 322-7029
 ROOMS • CARPORTS • BATHS • KITCHENS
 WE HANDLE THE WHOLE BALL OF WAX
 INSURANCE ESTIMATES ST. LIC. #CRC000671

SUNNILAND CORP.
 Fertilizer, Building Materials
 and Chemicals
 Sanford, Fl.
322-2421

KAREN'S INTERIOR'S AT NIX UPHOLSTERY
 CREATIVE CONTEMPORARY CUSTOM DESIGNS
 • COMPLETE WINDOW TREATMENTS
 • ALL TYPES BLINDS • UPHOLSTERY
 • WALLPAPER • FABRIC • SLIPCOVERS
 • COMPLETE DESIGN SERVICE
322-2117
 709 CELERY AVE.

Ask About Our Free Professional in Home Service



Phone 407/668-5142
Eve's CANVAS AND AWNING
 643 Highway 17-92
 DeBary, Florida 32713
 BOAT TOPS • COVERS • AWNINGS • TARPS

NIX BEDDING & CUSTOM UPHOLSTERY
34 Years Experience
 • DRAPERIES • SLIP COVERS
 • FOAM CUT TO ORDER
 • BLINDS • UNCLAIMED FURNITURE FOR SALE
 ALL CUSTOM WORK
322-2117
 709 CELERY AVE. (HWY. 415 EAST) SANFORD




Clean Your Carpets For Fall
TAYLOR RENTAL CENTER
 COMPLETE RENTAL EQUIPMENT
 3215 Orlando Drive, U.S. 17-92
 Sanford, FL
323-0910

WHERE EXPERIENCE MAKES THE DIFFERENCE
LANE LAWN & LANDSCAPING
 COMMERCIAL - RESIDENTIAL
 TREE TRIMMING
 DESIGN
 MAINTENANCE
 ONE TIME CLEAN UP
322-5726
 CURTIS LANE — OWNER



DEBARY EXTERMINATING
"Backed by Over 40 yrs. of Combined Local Experience"
 FRED ARSENAULT
 President
 52 B S. Hwy. 17-92 (407) 668-4483
 DeBary, FL 32713 668-4485



TUB & TILE RENOVATION BY SPR
 Reglazing & Repairing of
 Tubs, Sinks, Appliances
 Counter Tops & Tile
DON'T REPLACE • REGLAZE
 ALL WORK WITH A WRITTEN WARRANTY
 SINCE 1965
IN GREATER SEMINOLE COUNTY CALL
 • RESIDENTIAL • COMMERCIAL
767-0904
 • LICENSED
 • BONDED
 • INSURED



'Tis the time for a new beginning

Fall, a season characterized by change, is the ideal time for new beginnings. This year, why not bring your dream home closer to reality? With a little imagination, direction, proper planning and perseverance, you can create a personalized, comfortable and inviting retreat from the hectic pace of everyday life.

Home improvement can incorporate a broad spectrum of projects, both inside and outside the home. Installing new siding, replacing old appliances, building a gazebo or repairing broken tiles in the bathroom are all means by which you can derive more pleasure and enjoyment from your home.

Whether you live in a one room apartment for a sprawling suburban house, chances are you can simplify your life by making your home more organized and efficient.

Wouldn't it be nice if you could finally eliminate the clutter and ease the maintenance of your home? It's an easy task if you just remember this

important principle: "A place for everything and everything in its place."

Adding built-in cabinets and storage space, customizing closets and work areas or even building shelves in the laundry room are ways of improving the look and value of your home.

An effective way to begin home improvement is to list, in order of importance, each project you wish to accomplish. When necessary, you may need to enlist the help of a professional carpenter, plumber or designer.

When doing so, making sure that deadlines, materials, procedures and costs are stated clearly in a contract before work begins can help ensure a successful and hassle-free job.

No matter how large or small a task may be, it is always advisable to plan each project carefully before beginning. Ensuring that you have all the necessary supplies and equipment on hand will save needless, time-consuming trips to the hardware store.

Remember, too, when allocating time for any home improvement project, to be careful not to underestimate. It is important not to expect major changes overnight. In fact, most professional designers choose to implement a five-year plan leading towards a pulled-together, unique and personal style.

One way to speed things along, however, is to involve the entire family. Even young children can help by handing over tools or hosing down dirty storm windows. This will provide everyone with a sense of accomplishment and pride in the finished result.

Since the change in weather necessitates a change in wardrobe, you might wish to consider the myriad of closet organization systems on the market today, which you can use to customize your storage to meet your specific needs.

When you rearrange closets, set aside old, worn-out and never-used items to be given away. The fewer unnecessary

things in your home, the easier it will be to remain organized.

Perhaps now is the time to finally cushion the window seat on the upstairs landing, get new blinds for the living room or add a sitting area to the master bedroom. Anything you do to make your home more manageable and cozy will be a worthwhile investment of both time and money.

You may also find that redecorating with paint, wallpaper, furnishings and fabrics can add a sense of personal style to your home and make it a warmer, more comfortable and more inviting retreat.

Why not consider a thermally-efficient bay window or window wall which provides a perfect setting for house plants, as well as offering a panoramic view of the changing seasons?

Adding a whirlpool bath to the master bathroom gives you a new form of relaxation, and certainly will increase the value of your

See Time, Page 11

Exercise caution when purchasing upholstered goods

Buying upholstered furniture requires an understanding of how sofas, loveseats and chairs are made.

Once you get an idea of how the fabric meets the frame and what goes between, you will be in a better position to discern value in meeting your needs.

The attraction of upholstered goods is frame and fabric. Sleek — temporary or romantically traditional, the style is only as good as the wood frame.

Better quality frames are made of seasoned, kiln-dried hardwood that is connected firmly with screws, glues and dowels.

For added strength, all frames are reinforced with corner blocks, which must be screwed, glued and doweled, in order for you to get your money's worth.

Ask the furniture salesperson to show you the underside of the piece, if possible. The foundation will be covered but the legs will be exposed enough to evaluate quality.

On chairs, inspect as much as possible on the joining of the legs to the frame, usually a good indication of quality. Simple screwed-on legs could be a sign that you will want to consider a more securely fastened chair.

Be sure to sit in as many varieties of sofas and chairs as possible, paying close attention to the feel. For instance, on sofa arms can you feel the wood frame under the padding? If so, you might want to consider a better model.

WHAT DO WE HAVE FOR YOU AFTER 45 YEARS OF FAITHFUL AND DILIGENT SERVICE TO YOU?



CLEAR CEDAR BOARDS
1" 5/4" 2"
25% OFF OFF OFF

2x2 thru 2x12 in 3' to 6' Lengths

GREGORY LUMBER
IN BUSINESS SINCE 1941

True Value
Your Hardware Store at First Choice
Phone 322-0500
OPEN MON. FRI. 7:30-5:30 SAT. 7:30-4:00
500 S. MAPLE AVE. SANFORD
1 Block West of 17 St.

PLUMBING
Some Things You Shouldn't Do Yourself
LET THE EXPERTS DO IT



- ALTERATIONS
- NEW CONSTRUCTION
- CUSTOM WORK
- REPAIRS
- BATHROOM AND KITCHEN REMODELING

LATEST STYLES IN FIXTURES

RESIDENTIAL COMMERCIAL INDUSTRIAL
LICENSED BOND AND INSURED — San Jo. Certified CP Contractor

PHONE 322-3170

FOR ALL YOUR PLUMBING NEEDS

AL PORZIG PLUMBING INC.
SINCE 1919

705 S. FRENCH AVE. SANFORD

Who Do You Call?



When You Have Home Repairs...

Complete Renovations!
Why?

Because We Are A Total Home Repair Co.

323-8797

Carpentry • Roofing • Plumbing • Painting
Electrical • Masonry • Siding • Ceramic Tile • Vinyl Flooring • Wood • Concrete

SUPER HIGH EFFICIENCY

CENTRAL AIR CONDITIONING

There is the high efficiency
heat pump and now there is
the super high efficiency heat
pump which will save you
even more money.



Before You Invest In That Central Heating And Air Conditioning System, Let Us Answer Your Questions And Help Determine Your Needs.

For **FREE ESTIMATE**
NO OBLIGATION
CALL

Rheem

322-6390

SANFORD

HEATING And AIR CONDITIONING

Since 1965

SALES And SERVICE

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

2609 S. SANFORD AVE.

SANFORD

STATE REGISTRATION RA0018664

**HIGH
UTILITY BILLS?**

Rheem

Fight Back

- High energy costs got you down? Fight back with a Rheem® New Day Heat Pump.
- Rheem's New Day Heat Pump is the most energy efficient heat pump Rheem® has ever built.
- Compare our OPERATING EFFICIENCY before you buy.
- The Rheem® New Day Heat Pump is designed to make the most of your heating dollar.

RHEEM® COOLS FOR LESS MONEY

Compared To Most Units

12.2 S.E.E.R. - 10 Yr. Limited Warranty
On Major Components Model RPGB

DEAL WITH THE PEOPLE WHO HAVE BEEN
SERVICING WHAT WE SELL FOR 23 YRS.

**FINANCING AVAILABLE
TO QUALIFIED
BUYERS**

NOW MATTER HOW LARGE OR
SMALL, RHEEM® HAS THE
SYSTEM THAT FITS YOUR HOME
COOLING AND HEATING NEEDS.

Vinyl siding sensible alternative to painting

It's time to take a good, hard look at your house. Do you really like what you see? If not, are you going to let another year pass without making a decision about that chipped, faded or slightly outdated exterior siding with which you've been living?

If your years of putting off the inevitable are finally at an end, what choices do you have?

A) You can hire a professional house-painter at a cost of several thousand dollars for a painting job that will have to be redone in just a few years.

B) You can bite the bullet and repaint the house yourself, weekend after weekend, at the expense of your patience and leisure time.

C) You can make a modest investment in new vinyl siding and scratch housepainting off your list of chores forever.

It doesn't seem like a tough choice, does it? Every year, thousands of Americans are turning to solid vinyl siding as the obvious solution to the

"house-painting blues." Its low-maintenance features have made it the most popular siding material of the nation's homeowners.

Solid vinyl siding gives homes a just-painted look that is as durable as it is attractive. The color is molded through each panel, and will not chip, peel, dent, scratch or rust.

Best of all, unlike wood, vinyl siding never needs painting. And with today's wide selection of solid vinyl siding designs and colors, homeowners are finding more and more reasons to reside with vinyl.

Major siding manufacturers have introduced new lines of solid vinyl building products to appeal to the upscale tastes of the discerning consumer.

For example, Bird Incorporated (Bardstown, Ky.) recently introduced its Regency Collection of vinyl siding designs after researching trends in today's residential architecture.

One design in the collection, known as

Country 105, has the authentic characteristics of the popular overlapping board or "Dutch" lap construction.

With the sculptured look of deep-lap wood siding, the Country 105 panel has been one of the most popular siding designs ever introduced by Bird.

In 1988, the manufacturer also brought to the market a new, narrower, triple lap siding of 3 1/2-inch profiles called "The Perfect 10." This new profile was designed for homeowners who prefer a more streamlined look to their siding.

To add an individual style and dimension to new or remodeled homes, Bird also expanded its Regency Collection to include premium vinyl accessories such as a wide-faced fluted corner cap that features the rounded groove trim found on stately colonial-style homes.

Other accessories in this line are a soffit crown mold, and wide-faced window and door



Low-maintenance vinyl siding cures housepainting blues.

trim that gives the appearance of freshly painted wood and a "finished" look to siding applications.

The color selection offered by siding manufacturers is based on extensive market research which reveals current tastes and preferences. However, tradition

still seems to dictate standards of good taste.

In addition to the ever-popular white, the Bird Regency Collection is also available in five decorator colors — ivory, almond, blue, gray and parchment — to complement any number of architectural styles.

Today's homeowners

who decide to give their home a face lift with solid vinyl siding have a wide selection of siding designs and colors from which to choose. It gives them the opportunity to redesign a home to reflect their own personalities and sense of style.

Fall PAINT SALE

SALE ENDS OCTOBER 15

Quality & Durability

25% OFF

REGAL AQUAGLO
Latex Satin Finish Enamel

- Durable and washable
- Perfect for kitchens & baths
- Features spatter resistant application

REGAL WALL SATIN
Latex Interior Flat

- Washable, velvety flat finish
- Spatter resistant for easy application
- Soap and water cleanup

MoorGlo*
LATEX HOUSE & TRIM PAINT

- Distinctive soft-gloss finish
- Gives protective finish to all types of exterior surfaces
- Outstanding gloss and color retention
- Perfect for repainting aluminum siding

Moore's* Flat EXTERIOR LATEX House Paint

- Distinctive matte-flat finish
- Exceptional hiding and durability
- Especially suited for masonry and wood
- Applies easily, dries quickly

MoorGard*
LATEX HOUSE PAINT

- High-hiding, low-lustre finish
- Lasting durability and color retention
- Over 1600 custom and ready-mixed colors
- Resists fumes, blistering and mildew

Senkarik

GLASS & PAINT CO. OUR 45th YEAR

210 MAGNOLIA AVE. • DOWNTOWN SANFORD

322-4622

PEBBLE JUNCTION
LANDSCAPE & BUILDING STONE

Stop In And See Our
 Large Selection Of
 Beautiful Styles
 Of Landscape Stone.

STONE ADVANTAGES

- Will Not Decay
- Will Not Fade
- Will Not Wash Away
- Will Not Attract Bugs
- One Time Application
- One Time Out-Of-Pocket Expense

"40 YEARS EXPERIENCE"
PEBBLE JUNCTION
 DIVISION OF DELAWARE VALLEY LANDSCAPE STONE, INC.
 702 SOUTH FREMCH AVENUE HWY 17 921 SANFORD FLORIDA 32771-3531 322 2630

Hardwood flooring attractive, practical

Genuine hardwood flooring. The phrase evokes several images—elaborate parquet patterns beneath Oriental rugs, rustic wide-width planks against an old stone fireplace or popular strip flooring enhanced by contemporary furnishings.

Although the visual images vary, most hardwood floors always have had one thing in common—their color. Whether light or dark, shiny or matte, knotty or finely grained, wood floors traditionally have been stained in natural shades.

That is, until recently. Now, genuine hardwood planks and parquets are available in a wide range of colors to complement any decorating scheme, according to Vicki A. Dryden, director of marketing for Tarkett Hardwood Division North America, a major manufacturer of prefinished hardwood flooring products.

Pastel and neutral colors are more popular

than ever in fabrics, wallcoverings, even furniture," she says. "With the growing acceptance of hardwood flooring in all areas of the home, it was only natural to offer genuine wood floors prefinished in the pale colors that consumers prefer."

Dryden notes that ash, a naturally pale hardwood, is the ideal wood for today's light and pastel finishes. "Our stains are specially formulated to enhance the natural shading and grain for a subtle tint of color," she says.

Tarkett offers a wide range of prefinished ash floors for any room, decorating style and budget, says Dryden.

Ash White Longstrip is a prefinished laminated plank with the sleek look of strip flooring. Almost any subfloor is appropriate — plywood, concrete, even densely woven carpeting.

The product's ease of installation — the boards simply are glued and

See Floors, Page 11

Future looks bright for skylights

Skylight sales in new and existing homes have gone through the roof, industry sources report.

Steve Bechtold, president of Ventarama Skylight Corporation, Hicksville, N.Y., says, "Skylights were once considered an oddity or the expression of an eccentric homeowner. Not any more. Industrywide, installations have more than doubled in the past five years — and there's no sign of a slowdown in sight."

Harvey B. Oshins, president of National Realty & Development Corp. of Greenwich, Conn., agrees. "There's no question in our minds that skylights have become a highly desirable feature, no matter what kind of home you build today, be it traditional, colonial or highly contemporary," he says.

Product performance standards developed by the American Architectural Manufacturers Association (AAMA) have given consumers reason to feel more confident about the quality of today's skylights. Still, notes Bechtold, there are many differences between products.

Ventarama molded acrylic skylights, for example, have a durable copper flashing and a leakproof molded edge, double dome design that sheds water — even when the skylight is left open during the rain.

The company's Model VG insulated glass unit offers weatherproof ventilation plus high performance "low-E" glass.

Besides the improved performance that has had an impact on the popularity of skylights, some manufacturers have concentrated on making the products more convenient to operate.

"One major breakthrough has been the introduction of the motorized skylight," says Bechtold. "We developed a very quiet, completely concealed motor over 20 years ago.



Skylights now a popular addition.

Hi There!

MAKE OUR NEW IMAGE... YOUR NEW IMAGE...

Prepare to be pleasantly surprised with our all new landscaping and color combination.

Matched with the pride and tradition of our variety of floor plans, total electric living, worksaving kitchens, and separate adult and family living, our single story apartments provide *The Ideal Combination*.

MODERATE IN PRICE AND EXTRAORDINARY IN VALUE!

We've planned every detail to make living here an experience you will treasure.

THE ONLY THING MISSING... IS YOU...

ADDRESS HERE

PLACE STAMP HERE

Geneva Gardens
Apartments
1501 Wind Palm Drive
Lake Mary, FL Highway 17/92
(407) 322-2090

SPM
Specialized Property Management, Inc.

A SENSATIONAL OFFER FROM

Air Masters

"Keeping your cool is Easy with this Big Heat Pump Incentive from Bryant"

Bryant has the right stuff to drastically cut your power bills. Save now and for years to come. Buy a high efficiency Bryant air conditioner or heat pump now, get nothing down terms, power company rebates where available, and take your pick.

4.9% APR FINANCING OR **\$200 REBATE**

10 year limited warranty (available on compressor and coil)

bryant
COOLING HEATING

Call today for a free estimate!

Air Masters
AIR CONDITIONING

Lake Mary
(407) 323-2990

Insulating smart move for money-wise homeowner

As "Old Man Winter" prepares his return, homeowners can take steps now to beat the deep freeze — and the high heating costs that accompany it — by insulating the attic.

"Insulating your attic is like giving your home a winter coat," says Thomas Seymour of Owens-Corning Fiberglas Corporation, a major manufacturer of energy-efficient building materials.

"It helps to prevent heat loss in fall and winter, making the house more comfortable. Best of all, the added energy efficiency can help lower fuel bills year-round."

For most do-it-yourselfers, insulating an unfinished attic is a simple and inexpensive project. Mr. Seymour adds, insulating a typical 1,000-sq.-ft. attic with 8-in. R-25 Attic Blanket, for example, only costs around \$300-\$350.

To help homeowners get the most for their insulation dollar, Mr. Seymour offers the following guidelines on selecting and installing attic insulation.

"Before visiting your building materials dealer to buy insulation," Mr. Seymour advises, "measure the length and width of the area to be insulated and multiply those two dimensions. The answer is the square footage of material required."

Next, determine how wide the insulation should be. The typical project requires material either 23 to 24 in., or 15 to 16 in. in width.

Insulation usually is installed between attic joists or wall studs, and the space between those members almost

always is 22½ in. or 14½ in., depending on local building codes and the age of the house.

"The third step before visiting the dealer," Mr. Seymour adds, "is to determine if you need a vapor barrier." If the attic has some insulation, you should use unfaced insulation without a vapor barrier. If there is no insulation, install a material faced with either a kraft paper or aluminum foil.

"And remember," Mr. Seymour adds, "the facing always should be installed towards the warm-in-winter side of the construction."

As for the proper R-value (or insulating effectiveness), the Department of Energy has recently upgraded its R-value insulation recommendations for your area. Contact your local utility for more information.

R-value designates the insulation's ability to resist the passage of heat — heat gain in the summer and heat loss in the colder fall and winter.

"Savings may vary, but higher R-values mean greater insulating power," Mr. Seymour notes.

You're now ready to start. The only tools needed are a sharp knife, a straightedge, a ruler, a pair of work gloves, a mask and safety glasses.

Begin by laying a piece of temporary flooring — a plank or section of ½-in. plywood should do — to avoid the risk of stepping through the ceiling.

Leave the insulation in the rolls until you're ready to use it, since insulation is compressed for packaging and will expand once the package is opened.

Start laying the fiber glass insulation at the outer edges of the attic and work



The effort is worth the savings in heating, cooling bills.

toward the center, laying the long runs first and placing the leftover pieces aside for filling up small spaces later. You might find a long handled "push" broom helpful in extending the insulation to the edges of the attic.

Where you encounter wiring, push insulation under. Be sure to butt each section of insulation tightly up against the adjacent one for a complete barrier to heat transfer.

Also, keep insulation a minimum of

three inches from recessed light fixtures, and be careful not to block cave vents at the edges of the attic to maintain good ventilation. You may find it useful to install baffle boards at the inside of the eaves to keep from blocking them.

If you are adding to insulation, the new layer should be unfaced and placed snugly together at right angles to the joists directly over the original material.

CENTRAL FLORIDA'S
#1 MANUFACTURER OF
VERTICAL BLINDS
TO THE PUBLIC!

FREE INSTALLATION!

ON ALL DESIGNER FABRICS — OVER 2000 DIFFERENT FABRICS TO CHOOSE FROM. PICK UP FROM FACTORY AND SAVE!

18 HR. SERVICE
 • In Home Measurements • Decorator Services

Plus

SEE OUR EVERYDAY SPECIALS
 For
HOME or OFFICE VERTICALS
SIZES UP TO 73" x 84" • CHOICE OF COLORS

SAVE ON CUSTOM MADE MINI-BLINDS & PLEATED SHADES

SELECTED FABRICS
 As Low As
\$34.50

SELECTED PVC
 As Low As
\$42.50

CALL NOW

VERTICAL WORLD

AND SAVE

DON'T WAIT

NEW HOME OWNERS... YOU CAN ORDER PRIDE TO SETTLEMENT WITH OUR MONEY BACK GUARANTEE

DELTONA
 IN PROVIDENCE PLAZA
574-7478
574-7572
(Open Sundays 12-4)

LONGWOOD
 Take 427 W. mile N. of 434. Right on Palmetto. 2nd bldg. on right after R.R. tracks.
830-1300
1-800-432-1430
(Open Sundays 12-4)

OTHER CONVENIENT LOCATIONS CALL TOLL FREE 1 800 432 1430

TRI-
RENTAL

Can Improve Your Home And Garden!

Tri-W-Rental has all the tools you need to improve your home inside and out. Check with us and we'll give you what it takes to do the job professionally at a price you'll enjoy.

WE'RE STATEWIDE, AND WE DELIVER.

Lake Mary Village 321-9933
 641 W. Lake Mary Blvd., Lake Mary, FL

Your attic: A practical new room

A new room is waiting to be discovered in your home. Your attic can provide a place of escape with a renovation made easier by using plywood wall paneling.

According to the Plywood Paneling Council, attics are high on the most-wanted remodeling lists, and equally high on the lists of improvements for increased resale value.

While this is no doubt due to the need to use every inch of available space, there's another reason. It is the intrinsic tree-house-like charm of the space itself. Slanted walls, transformed with stary skylight views, give a sense of openness with top-flight privacy.

Whether the attic is a remodeling or finishing-off, there are decided advantages to using plywood wall paneling as a final decorating touch.

The paneling can be cut to size easily to cover slanted ceilings and knee walls, going up quickly in 4 by 8 feet sheets. It may be applied directly over studs. Paneling applied over gypsum-board covers existing seams and nail holes so these needn't be finished.

Decorative patterns have the look of fine wallpaper, while the woodgrain patterns and real wood veneers help create a natural look.

Designer Patricia Gaylor transformed the dark and underused attic of a quaint Cape Cod home into a cozy new room with lots of versatility.

Soft beige, peach and celery tones create an atmosphere conducive to relaxing for all family members seeking a place to unwind for favorite hobbies and activities.

Decorative paneling in a "petit fleur" patterns fills the room with a light country flavor.

Woodgrain paneling is used on the front of built-in storage space around the perimeter of the room, and adds a rustic touch to the ceiling. The hinged wood lids on the storage compartments also serve as seating and shelf space.

Portable furniture that converts to beds, overstuffed throw pillows and wicker catch-all baskets for reading materials and toys complete the cozy, comfortable atmosphere without depleting the decorating budget.

Everyone in the family will have his or her own special use for the new-found hideaway.

For children, the attic's unique dimensions will make it a favorite playroom, and both children and their moms will like having lots of special places to store treasured toys when not in use.

Teens will appreciate an extra room for studying, as well as having a fun place to gather with friends after school.

At last, dads may find alone for their personal computer or books, or can create the hobby area they've always wanted. And moms will enjoy escaping with sewing and needlework or books they've been meaning to read.

In addition, they'll love having a space that easily can be converted into an extra bedroom for guests.

The multi-purpose room will be more than worth the remodeling investment as it quickly becomes the family's best-loved getaway spot.

For more decorating and installation tips on plywood wall paneling in the booklet "New Wall Styles — With Plywood Paneling," send a self-addressed, stamped envelope to Dept. LM, Plywood Paneling Council, 1633 Broadway, New York, NY 10019.

Making the best use of what's available

Tired of the way your house or apartment looks but can't afford to redecorate completely? Making just a few small changes can give your home a fresh new look.

For starters, try that old standby — rearranging the furniture. Try several different combinations and, remember, you're trying for as different a look as possible from what you had before.

Keeping more things against the walls and fewer items in the center of the room will create an illusion of space, making the room look bigger. If you have a piece of furniture which gets little or no use, why not try taking it out of the room?

You also might think about painting or refinishing your furniture. Repainting in the same color will make your furniture look newer, while choosing a different color will give it a whole new look.

Repainting your walls also can change the look of a room dramatically.

Instead of the same old white or beige walls, why not try a muted peach or a dusky rose?

If you need help choosing the right kind of paint, just ask the people who work in your local paint store.

Another idea is to buy or make new curtains or draperies. Try a different style or a different color from what you've got now.

There are also many minor changes you can make which will add new color and liveliness to your home. Plants add a fresh, natural feel to a room.

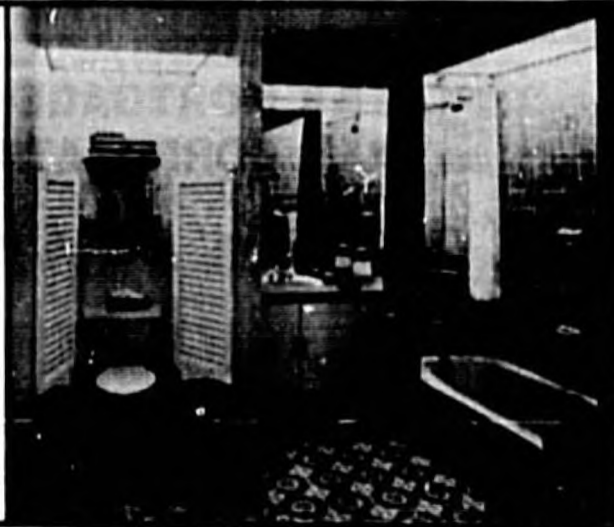
Try filling a windowsill with all the plants which will fit on it. Unusual plants, such as cacti and miniature fruit trees, will add an exotic mood to a room.

You also can find inexpensive posters and prints for your walls which will add color and interest.

Spend a little time and come up with your own ideas.

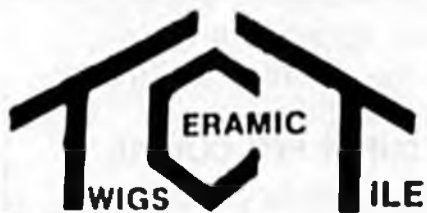
DON'T MOVE - IMPROVE

R
E
M
O
D
E
L



R
E
M
O
D
E
L

Large Selection of
Ceramic Tile And Marble
We Also Do New Construction



Visit Our Warehouse
Showroom... Today.

1121 S. Sanford Ave.
Sanford, Florida
(407) 321-TILE

A Better Way to Prepare...

for the best years of your life.

Kaywood

2,3 or 4 Bedroom
Homes. All Featured
With 2 Baths, G.E.
Kitchens, Cathedral
Ceilings, Fireplaces
and Double Car
Garages.

Priced From The
High '70's To The
Low '100's



Shoemaker
CONSTRUCTION

For Information Call
322-3103

TOTAL DO-IT-YOURSELF HOME CENTER

We Carry It All:

- Lumber
- Fireplaces
- Electrical
- Ventilated Shelving
- Plumbing
- Sprinklers
- Hardware
- Doors & Trim
- Skylights
- Glass & Mirrors
- Garage Doors

OPEN: Mon.-Fri. 7:30-5
Sat. 8:00-2

**Residential Building
Supply**
327 E. Highbanks Rd., Delbarton
668-1468



GRAND
OPENING

Presenting
"THE ALAN"
\$59,900

Block & Stucco
On You
Lot



Many people talk
Quality - This home
Delivers IM!

Built by
Al Lockrem Construction
CBC 921048
Represented by:

CHOICE PROPERTIES

of Deltona, Inc.
CALL 860-2267, 574-9444 or 789-1953
2491 Sicam Blvd.
HOURS: 10:00-5:00 Daily, Sun. 1:00-5:00

CUSTOM WINDOW COVERINGS

VERTICAL BLINDS-

70%
OFF



FREE HOME ESTIMATES

Fluxalum Mini Blinds
Pleated Shades
Dual Shades

50-60% Off

FREE
Valance &
Installation

CUSTOM
DRAPES
UP TO
30% Off

SHOP AT HOME

THE BLIND SHACK (407) 574-9526

CUSTOM UPHOLSTERY SPECIAL



ANY SOFA
FABRIC & LABOR
FROM
\$369⁹⁵

FREE PICKUP & DELIVERY

OVER 10
YEARS
EXPERIENCE

SHOP
AT
HOME

UPHOLSTERY SHACK 574-9526

767 B Ft. Smith Blvd., Deltona
Serving - Volusia • Seminole County

MILLIONS TO LEND

- Home Equity/Home Improvements Loans
- Construction to Permanent First Mortgage Loans
- Lot Loans
- First Mortgage Loans - Purchase or Refinance
- Swimming Pool Construction Loans
- 100% Equity Financing Available
- Commercial Loans
- Mobile Homes With Land Up To 30 Years Finance
- **ECN MORTGAGE CORPORATION OFFERS THE
LOWEST RATES WITH SUPERIOR SERVICE.**
- **WE ARE VOLUSIA & SEMINOLE COUNTY'S ONE STOP
MORTGAGE COMPANY!**

★ ★ Call Today For Current Rates And Programs ★ ★
★ ★ Apply By Phone Without Obligation ★ ★

ECN MORTGAGE CORPORATION



WEST VOLUSIA AREA
12 Deltona Plaza
Deltona Blvd.
Deltona, Fla.
574-4070

**Now FALL
Office Hours:**
Mon.-Thurs. 8:30-6:00
Friday 8:30-5:00
Saturday 9:00-12:00
LICENSED MORTGAGE BROKER & BANKER

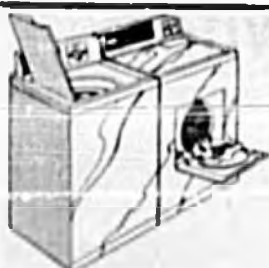
ORLANDO AREA
**740-
8885**

**ECN MORTGAGE
CORPORATION**

**\$100⁰⁰
OFF**

**The closing costs
of your loan**

- New applicants only
- Must be present at time of application
- ONE COUPON PER CLOSING**
- Offer Good 9/28/88 - 10/30/88



APPLIANCE PARTS

"DO IT YOURSELF HEADQUARTERS"

- WHIRLPOOL
- GENERAL ELECTRIC
- HOTPOINT
- JENN-AIR
- MAYTAG
- FRIGIDAIRE
- TAPPAN
- KENMORE
- WESTINGHOUSE
- FEDDERS
- MANY OTHERS
- RANGES & HOODS
- REFRIGERATORS
- AIR CONDITIONERS
- WASHERS
- DRYERS
- DISHWASHERS
- DISPOSERS
- WATER HEATERS
- ICE MAKERS

SPECIALISTS
IN
REPLACEMENT
PARTS FOR
WHIRLPOOL
GENERAL ELECTRIC
HOTPOINT
FRIGIDAIRE



SHORELINE DISTRIBUTORS, INC.

(Formerly All Pro Appliance)
1155 South Volusia Ave. Suite 107
Highway 17-92
Orange City, Florida
(904) 774-7444

WEST VOLUSIA SHED COMPANY



- Free Delivery and Set Up
- Lifetime Warranty
- Totally Maintenance-Free
- Largest Selection of Aluminum Sheds in Volusia County

CHECK OUR PRICES BEFORE YOU BUY

3001 N. Volusia Avenue - Hwy 17-92
Orange City, Fla.

Just to the Overpass in North Orange City

(904) 775-8676 • 775-0041



LOWEST PRICES AROUND
MILL OWNED OUTLET

MANUFACTURER'S CARPET OUTLET, INC.

Direct To You
Complete Line Of Name Brand Carpet

904-736-1041

735 S. Spring Garden Ave. (15 A) Wholesale Retail
DeLand, FL 32720 Visa & Mastercard Accepted

Homeowner's Corner



by Jerry Andrews
& Dean Wutkiewicz
A ROTTEN IDEA

If dry rot has produced damaged areas in your home's exterior walls, it is possible to patch the wood and bring it back to general condition. First, however, it is necessary to find the source of the damage and stop it. Despite its name, dry rot results from a fungus which relies on moisture for its survival. Despite the dry appearance of the wood, the problem often lies with damaged gutters, roof leaks, or dis-connected downspouts. Once the problem is corrected, treat the affected area of dry rot with consolidant. This is a liquid epoxy which penetrates into the wood fiber and strengthens it prior to an application of exterior-grade wood filler. Once the rots, consolidant is applied, the wood filler will adhere properly to fill in the hole.

NOTE: Door jambs are also a target of dry rot because they are exposed to wet weather.

No matter what materials and tools you need to complete a job.

RESIDENTIAL BUILDING SUPPLY

We have it. We'll also let you know the best ways to use our products and many times we can make your job easier by suggesting different methods of preparation. We always give friendly advice and offer competitive prices. Building supplies and tools are our main business so chances are we have exactly what you need to complete your next project. See a professional. We're conveniently located at

327 E. Highbanks Rd.
DeBary, FL

688-4468

Hours:
Mon. - Fri. 7:30-5,
Sat. 8-2

The Art of Home Decor



by Bob Seiders

TIME & MONEY

One of the prime factors in any decorating strategy is the budget. When a limited budget imposes constraints, it is best to approach things one element at a time. The best sofa and chairs that one can afford should be purchased first. If necessary, wait until such time as the antique treatments can be handled with a proper budget. Another approach is to get good carpeting first, and do the rest in stages. It makes little sense to do an entire decorating job on a limited budget by buying a room full of inferior goods. If the budget is limited, it pays to exercise patience. When each element is selected on the basis of quality, it is bound to last until well after the entire project is completed.

Rooms that develop over a period of time are often the most pleasing & appreciated.

Tastes change. Often ones original decorating plans undergo revamping with the passage of time. The gradual stages of redecorating often produce a room rich in charm and beauty expressing one's personal tastes and lifestyles. With the assistance of ALFA INTERIORS your home can be a true reflection of you while achieving harmony and balance throughout. Lamps, picture framing and silk florals, as well as window treatments and wallpaper receive our professional touch. Look for our headquarters conveniently located at 2487 S. Volusia Ave. - 100 Orange City. To reach us, call 775-9799.

ALFA INTERIORS

2487 S. Volusia Ave.
(Spring Hills Center)
Orange City, FL
(904) 775-9799

Try **Alfa** ... You'll Look Better On The Inside

- Custom Framing, Prints & Paintings
- Lamps and Decorative Accessories
- Valances, Cornices and Balloons
- Pleated Shades & Roller Shades
- Furniture for the Home & Office
- Over 5000 Yards Stock Upholstery & Drapery Fabric
- Custom Draperies & Bedspreads
- Carpeting, Vinyl & Ceramic Tile
- Vertical Blinds & Mini-Blinds
- 400+ Wallpaper Books



SALE Verticals and Mini-Blinds

Top Quality - Low Prices Everyday

FREE INSTALLATION WITH THIS AD

SALE All In Stock Drapery & Upholstery Fabric

Reg. \$15.99 Sale \$7.00 Yd

SALE Dupont Stainmaster Carpet

Installed With Heavy Padding \$12.00 Sq. Yd. Certification Max.

Qualified Decorators To Assist You

Alfa Interiors

2487 South Volusia Ave.
Highway 17-92
Spring Hills Center
Orange City

CALL COLLECT
(904) 775-9799

Shop Volusia County For The Finest In Home Improvement Services & Supplies