

Gemini Flight Would Jar Hippo's Teeth

CAPE CANAVERAL (UPI)—The federal space agency is upping the prospect that the upcoming Gemini flights into space could make a human milk-shakes out of America's astronauts.

As matters stand today, the first Gemini pilots would go bouncing off into orbit at the rate of 660 bounces per minute.

That's enough to jar the teeth of a hippopotamus.

The culprit in this particular potful of Gemini problems is the Titan-2 rocket that will boost the capsule and its two men. Technicians have discovered the rocket is a sort of flying accordion, vibrating up and down at the rate of 11 cycles per second.

The National Aeronautics and Space Administration (NASA) told United Press International that "NASA considers the present level of oscillation as unsuitable for a manned vehicle."

Intra-service memos on the subject are phrased considerably stronger.

Space agency officials said that if rocket, spacecraft and spacemen alike go around bouncing 11 times every second there would

be "potential degradation of the functional capabilities of the pilots."

Translation: The astronauts would be shaken to the eyeballs.

It is admittedly a bit difficult to see anything clearly while one's head is going up and down 660 times per minute (11 cycles per second times 60 seconds).

The relative motion between the pilot's head and the instrument panel, which also would be vibrating, could make it difficult for pilots to read instruments accurately," as NASA says.

Reactions Unpleasant

Another space agency official says tests in the 11-cycle-per-second area have turned up a long list of reactions by pilots, "most of them unpleasant."

Scientists have concluded from their studies of Titan-2 military test shots at Cape Canaveral that the critical vibrations start a little more than one minute after blast-off, and that they last for about 20 seconds or so.

The problem and the responsibility for its solution has been dumped back into the lap of the Air Force, which had the Titan-2—problems and all—built to its specifications in the first place.

The difficulty has been duly accorded a name: "Pogo-stick effect."

It has been more or less pinpointed: "... Evidently originating as a pressure disturbance in a propellant pumping and piping system which results in variations in engine thrust, which feeds back through the vehicle's structure, further amplifying the pressure disturbance ..."

A two-point general course of action has been proposed: 1. Stop the vibrations; 2. Fix up things in the place where they started; i.e., the fuel pumps and lines.

Never Worries

The Air Force has been flying Titan-2 missiles for going on two years, but never worried about the "pogo-stick effect" because the nuclear warheads the rocket was designed to carry don't have eyeballs to shake or teeth to rattle or stomachs to churn.

NASA long ago selected Titan-2

as the Gemini capsule booster, and has had its scientific fingers in the rocket's innards for a year or more without notable results. The problem is still there, on every Titan-2 that flies from Cape Canaveral.

Asked whether the "pogo-stick" cause-effect-solution would delay Gemini's schedule, the space agency answered with a firm "no."

There is a fair amount of reason for this indication of confidence. Project Gemini already is more than a year behind schedule and it will be another 14 months—October, 1964—before the first pair of astronauts will board the capsule for a flight into space.

That leaves a goodly slice of time for finding some way to take the spring out of the flying pogo-stick.

CARNIVAL By DICK TURNER



"I wanted to get Helen something for her birthday she wouldn't get for herself, so I started a savings account for her!"

Tree Talk

ACROSS

- Trail of the Lonesome
- Shade tree
- Evergreens
- Elliptical
- Born
- Musical instrument
- Hamlet, for instance
- Number
- Ascend
- Between-meals eater
- Tablelands
- Justing rock
- Existed
- Pacific island
- Jousting
- Turkish title
- Yend
- Southern general
- Edge
- Chair
- Card game
- Foodstuff (pl.)
- Cudgels
- Bearing
- Rodent
- Indian prize
- Horse galls
- Disembark
- Rug
- Netherlands cheese
- Italian city
- Consumed
- Food grain
- Forest creature
- Drone bee
- Meat dish

DOWN

- Seed coverings
- Russian feast
- Zola's novel
- Voter
- Go in
- Sly look
- Males
- Grove of trees
- Wading bird
- Feminine appellation
- Ferocives
- Hawaiian tree
- Droop, as a flower
- Withered
- Among
- Singer Penzell
- Social events
- Chase
- Orderly
- Obtains
- Prophet
- Slide
- Hunting dogs
- Less hairy
- Prohibit
- Assessor
- Winter vehicle
- Crate
- Poker stake
- Roman senator
- Redact
- Speed contest
- Small duck
- Insane

1 2 3 4 5 6 7 8 9 10 11

12 13 14 15 16 17 18 19 20 21 22

23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

48 49 50 51 52 53 54 55 56

NEWSPAPER ENTERPRISE ASSN.

Movie Showtime

Wednesday, Aug. 21, 1963

STARLITE DRIVE-IN—Open at 7:45. Shows start at dusk. "King Kong vs. Godzilla" and "Diary of a Madman."

PINE DRIVE-IN—Closed Wednesday.

CLOVERLEAF DRIVE-IN (Sutherland)—Box office opens at 8:15. Shows start at dusk. "Hercules Unchained" and "Damn Yankees."

TRI-CITY DRIVE-IN—Gates open 7:45. Show starts at 8:30. "Buck Nite," "Susan Slade" and "Experiment in Terror."

Thursday, Aug. 22, 1963

STARLITE DRIVE-IN—Open at 7:45. Shows start at dusk. "King Kong vs. Godzilla" and "Diary of a Madman."

PINE DRIVE-IN—Bargain nite. Open at 7:45. Shows start at dusk. "Yellowstone Kelly" and "The Naked Edge."

TRI-CITY DRIVE-IN—Gates open 7:45. Shows start at 8:30. "The List of Adrian Messenger" and "Battleground."

CLOVERLEAF DRIVE-IN (Sutherland)—Box office opens at 8:15. Shows start at dusk. "It Happened at the World's Fair" and "Six Black Horses."

FINE DRIVE IN

CLOSED WEDNESDAY

THURSDAY IS 99¢ NIGHT

CLINT WALKER
"Yellowstone Kelly"

IN COLOR... plus
GARY COOPER
"The Naked Edge"

SPECIAL 99¢ BARRAMUNDI AT THE SNACK BAR

Hospital News

Visiting Hours
2 to 3:30 p.m. and 7 to 8 p.m.

Mercy Hospital
Admitted

Medical: Mrs. Douglas Croy, Mrs. Henry Thomas, John and Wendy Kubicek, Frank Cooper, Mrs. Paul Wickstrom and Mrs. Marshall Smith, all of Roseburg; Mrs. Waldo Cooper, Winston.

Surgery: Josephine Higgenbotham, Roseburg; Rolene Sullivan, Myrtle Creek; Mrs. Charles Allen, Glendale.

Discharged
Julia Laas and Jennifer Southwick, Roseburg; Mrs. Jimmy Jenks, Tiller; Gary Hurley, Winchester; Mrs. Jack Meshew and daughter, Jacqueline Paula, Myrtle Creek; Mrs. Helen Johnson and daughter, Lorrie Diane, Sutherland; Longtin, Oregon City, and Carter, Winston.

Douglas Community Hospital
Admitted

Medical: Mrs. Richard Bonebrake, Mrs. Robert Schuman, Mrs. Stephen Ryder, all of Roseburg; Ellis Thompson, Sutherland; Del McGarvey, Myrtle Creek.

Surgery: Edner Backman, Roseburg; Versie Dunham, Winston; Mose Dumont, Canyonville.

Discharged
Mrs. LeRoy Crosier and son Bryan Lee, Betty Anne Bushnell, Ella West, Mrs. David Welborn, Mark Walpole, Mrs. Jack Rardin and daughter Sandra Lee, Mrs. Gordon Moore, Arthur Gray, Howard Gladwell, Mrs. Leon Dupper and daughter Karen Jill, all of Roseburg; Paul James, Glide; Ellis Brown, Myrtle Creek.

Cloverleaf Drive-In Theatre
1 mile west of Sutherland

Tonight Only
BUCK NITE
\$1.00 a Car

"Hercules Unchained"
Steve Reeves
In Color
plus
"DAMN YANKEES"
Tab Hunter - Gwen Verdon

Box Office Opens at 8:15
Show Starts at Dusk

TRI-CITY Drive-In Theatre

Tonight Only
BUCK NITE
\$1.00 Per Carload

"SUSAN SLADE"
Troy Donohue
Connie Stephens
plus
"EXPERIMENT IN TERROR"
Dobbie Reynolds
Glen Ford

Gates Open 7:45
Show at 8:30

Starlite DRIVE IN NOW Thru Sat. Only

Open at 7:45 - Shows Start at Dusk

MIGHTIEST MONSTERS OF THE AGES!

KING KONG VS. GODZILLA

IN COLOR

**DOUBLE SHOCKS!!!
DOUBLE THRILLS!!!**

SEE!
King Kong's Capture— and Escape!
Godzilla's Attack on Tokyo—with His Atomic Power!
King Kong's Ferocious Strength Levels Everything Before Him!
Godzilla Knocks Jet Bombers from the Sky!
Ocean Liners Capsized... Tidal Waves Flood the Earth... the World's People in Panic!

VINCENT PRICE
IN HIS MOST CHALLENGING PORTAL OF LIFE

Diary of a madman
TECHNICOLOR
with NANCY KOVAK

Oath Controversy Waits Trial Briefs

BOISE (UPI)—The controversy over Idaho's new loyalty oath rested today while a three-member federal judge panel awaited trial briefs from the oath's opponents and defendants.

The federal judges, at Monday's day-long hearing on the oath, ordered Pocatello attorney Louis Racine to file a trial brief within 30 days on behalf of the public employees he represents.

The judges gave Atty. Gen. Alan G. Shepard 15 days after receiving a copy of Racine's document to file a brief supporting the law.

A parade of Idaho professors Monday described the 1963 statute as a threat to academic freedom.

"The mind should be free to explore all areas of knowledge," said Dr. Albert E. Taylor, head of the Idaho State University graduate division. "My concern is to leave the professors free of harassment, free of suspicion."

He said many professors are reluctant to come to a school that has a loyalty oath provision. He said this makes it especially difficult for a school as small as ISU to attract qualified instructors and would harm the Pocatello school system's recruitment of professors.

Scott Is New Member Of Education Board

SALEM (UPI)—Harry W. Scott, Salem, has been named to the State Board of Education, the governor's office announced recently.

He succeeds Mrs. J. B. Caldwell, Oregon City, whose term expired Aug. 1.

Scott, former Salem School Board chairman and owner of Scott's Cycle Shop, was appointed to a seven-year term which ends Aug. 1, 1970.

The appointment is subject to senate confirmation.

Radio & TV Programs

The following radio and television programs are printed as a free public service for News-Review readers. All program listings are published as received from the respective stations. The News-Review does not accept responsibility for variation from original schedules furnished this newspaper.

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| <p>KPIC-TV — Ch. 4 CHANNEL 2 ON CABLE MONDAY THROUGH FRIDAY</p> <p>7:00—Today 8:00—Two Early 9:00—Yoga for Health 9:30—Play Your Hunch—Color 10:00—Price Is Right—Color 10:30—Concentration 11:00—Your First Impression—Color 11:30—Truth or Consequences 11:55—News 12:00—People Will Talk 12:30—The Doctors 1:00—Loree Young</p> <p>KBSB-TV — Ch. 5 MONDAY THROUGH FRIDAY</p> <p>8:00—Calendar Kangaroo 9:00—Love Lucy 10:00—The McGuys 10:30—Pete and Gladys 11:00—Love of Life 11:24—CBS News 11:30—Search For Tomorrow 11:45—Guiding Light 12:00—Tennessee Ernie 12:30—The World Turns 1:00—Password 1:30—House Party 2:00—To Tell The Truth</p> <p>KOIN-TV — Ch. 6 C'IANNE! 83 MONDAY THROUGH FRIDAY</p> <p>7:30—Weather Forecast 7:55—Cartoon Time 8:00—Captain Kangaroo 8:30—Cartoon 9:30—Love Lucy 10:00—The McGuys 10:30—Pete and Gladys 11:00—Love of Life 11:30—Search For Tomorrow 11:45—Guiding Light 12:00—News</p> <p>KEZI-TV — Ch. 9 CHANNEL 6 ON CABLE MONDAY THROUGH FRIDAY</p> <p>11:00—Farm Journal 11:30—Seven Keys 1:00—Tennessee Ernie Ford 2:30—Father Knows Best 3:00—General Hospital 3:30—Compass (Mon) For Your Information (Tues) Frontiers in Science (Wed) Topic (Thurs) Adventures in Living (Fri)</p> | <p>1:30—You Don't Say 2:00—Match Game 2:25—Afternoon Report 2:30—Jackie Ryan For Dandy (Fridays) 2:35—Be My Guest (Tues & Thurs) 3:00—TRA (Mon only) 3:00—Speaker Machine (Tues-Fri) 3:30—Wire Service (Mon only) 4:30—Lone Ranger 4:00—Capt. Shearlock</p> <p>WEDNESDAY</p> <p>5:30—Yogi Bear 6:00—Northwest News 6:15—Huntley-Brinkley 6:30—Heressey 7:00—Legion Baseball Roundup 7:15—To Be Announced</p> <p>7:24—News 7:30—Edge of Night 8:00—Secret Star 8:30—Who Do You Trust 8:40—American Bandstand 9:30—Discovery '63 9:54—American Newsstand</p> <p>THURSDAY</p> <p>5:00—Uncle Bill Show 5:30—Yogi Bear 6:00—Your TV Weatherman 6:15—Channel 5 Report 6:15—Walter Cronkite With the News 6:30—Hillbillies 7:00—Ozzie & Harriet 7:30—Wagon Train 8:30—Going My Way</p> <p>12:05—Hi, Neighbor 12:25—At The World Turns 1:30—Koin Kitchen 1:30—House Party 2:00—To Tell The Truth 2:30—Edge of Night 3:00—Secret Storm 3:30—The Millionaire 4:00—Cartoon Concert 4:15—Early Show 5:45—Newsweek 6:15—Walter Cronkite</p> <p>WEDNESDAY</p> <p>6:30—Cains Hindert 7:30—The Press & The Race Issue</p> <p>2:00—Day in Court 2:30—Jane Wyman 3:00—Queen For A Day 3:30—Queen House 4:00—American Bandstand 4:30—Discovery 5:00—Jack's & Wilson Clubhouse 5:30—Vivics Movie</p> <p>WEDNESDAY</p> <p>6:30—News Nine 6:35—News 6:30—Country Show 7:00—Beverly Hillsbillies 7:30—Wagon Train 8:30—Going My Way</p> | <p>7:30—Virginian — Color 9:00—Mystery Theater 10:00—The Eleventh Hour 11:00—Ripley 11:15—Tonight</p> <p>THURSDAY</p> <p>5:30—Huckberry Hound 6:00—Northwest News 6:15—Huntley-Brinkley 6:30—Speaking of Sports 7:00—Ripley 7:30—Defenders 8:30—Dr. Kilgore 9:00—The Liveliest Zones 10:00—Voice of the Desert 11:00—Stage 5 11:15—Tonight—Color</p> <p>FRIDAY</p> <p>9:30—Dick Van Dyke 10:00—Naked City 11:00—ABC News Final 11:15—Championship Bridge</p> <p>THURSDAY</p> <p>5:00—Nightly Mouse 5:30—Roy Rogers 6:00—Your TV Weatherman 6:05—Channel 5 Report 6:15—CBS News with Walter Cronkite 6:30—Sports Roundup 7:00—Ripleyman 7:30—T.A.C. 8:00—Perry Mason 9:00—Stage 5 11:00—ABC News Final 11:15—Late Movie</p> <p>8:30—Debie Girls 9:00—Beverly Hillsbillies 9:30—Dick Van Dyke Show 10:00—Reckoning 11:00—Nightline 11:15—All-Star Wrestling</p> <p>FRIDAY</p> <p>9:30—Sea Hunt 10:00—Dragnet 10:30—Fair Exchange 11:00—Perry Mason 11:00—Tonight Zone 10:00—The Nurses 11:00—Nightline 11:15—Theater</p> |
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RADIO PROGRAM
KQEN 1240 KC. 6 A.M. to Midnight
ABC Network—music, news, weather
KYES 930 KC. Down To Dusk
Independent—music, news, weather.

PEANUTS
DAN FLAUG
CAPT EASY
ALLEY OOP
PRICILLAS POP
LITTLE ABNER
BLONDIE

PEANUTS

MY DAD HAS A BETTER COMPREHENSION OF THE ROLE GREAT BRITAIN MUST PLAY DURING THE NEXT DECADE THAN YOUR DAD

SHE'S RIGHT

THERE IS LITTLE ANTI-YANKEE FEELINGS AMONG THE CUBAN PEOPLE, NO MATTER WHAT THEIR POLITICAL TENDENCY. IT IS ARTIFICIALLY STIMULATED BY CASTRO AND HIS MASS RALLIES.

MY PEOPLE YEARN FOR A RETURN TO THE PAST. BY COMPARISON, BATISTA WAS A SAINT, THE CUBAN PEOPLE WILL OVERTHROW CASTRO, BUT THEY NEED SOMETHING TO SHAKE THEM...

... IF I MAKE IT TO WASHINGTON AS COURIER FOR THE UNDERGROUND OR AM SHOT AS A CASTRO TROICOR AND MURDERER OF MARIO ESPANZA, MY RENOUNCING OF COMMUNISM MAY PROVOKE MY PEOPLE OUT OF THEIR APATHY!

WITH NO TIME TO STOP WHEN THE CAR PULLED ONTO THE HIGHWAY JUST AHEAD OF HIM, EASY CUT SHARPLY TO HIS RIGHT

OH, DEAR... HE MAY TRY TO BLAME ME!

BRE COUL!

I'M GLAD NOBODY WAS HURT, AND I HOPE YOU WON'T CONDEMN YOURSELF TOO HARSHLY...

JUST KEEP QUIET MISS... TILL I COUNT A HUNDRED AGAIN!

THAT'S PRETTY GOOD STUFF YOU'RE DOING THERE COP!

YEH! I DON'T THINK IT'S SO BAD MYSELF!

WELL, I WON'T HAVE IT YOU HEAR?

I'M NOT RUNNING A HAVEN FOR ANY HALF-BRAKED JUKE JOCKEY!

... YOU CAN JUST PACK UP YOUR WHISTLE AND HEAD RIGHT BACK TO MODO WHERE YOU CAME FROM?

PFFFT!

NOT EVEN A POSTCARD FROM PRISCILLA

I HOPE SHE ISN'T LOST UP IN THE WOODS!

MAYBE A BIG BEAR IS CHASING HER RIGHT NOW!

RUN, PRISCILLA, RUN!

CLIMB A TREE!! QUICKLY!

AND DON'T PANIC!!

YOU CAN'T ORDER ME TO WRING MAH BUDDY'S NECK! AH'S A CIVIL-YUN!

WELL SOME-BODY'S GOT SOME NEWS FOR YOU WISE-GUY!! TAKE THE PHONE!!

RECOGNIZE THAT VOICE? N-WATCHERLY!!

ALL CITIZENS OVER ONE FOOT HIGH ARE NOW-NOW-DRAFTED INTO THE ARMY—AND WILL OBEY ORDERS—WITH VIGOR!!

AND NOW PRIVATE YOKUM WRING THAT CHICKEN'S NECK!!

YASSUH, GENERAL, SUH!!

I MADE IT TO KEEP THE LIGHT OUT OF MY EYES WHEN YOU READ IN BED

I THOUGHT YOU WERE A LADY BURGLAR!