



Boxer and Butcher—Roland La Starza (right), 22-year-old New York heavyweight boxer, undefeated in 37 matches, helps his father in his grocery-butcher shop between bouts.

NACA Sees Progress in Race For Faster-Than-Sound Planes

By JAMES J. STREBIG
Associated Press Aviation Reporter

Washington, Jan. 19 (AP)—The nation's top agency for air research sees progress in the race with Russia for practical faster-than-sound fighting planes needed in atomic warfare.

Production of such fast hurtling ships is difficult but it can be done "by any nation willing to make the effort," the national advisory committee for aeronautics (NACA) said yesterday in its yearly report to congress.

The NACA, without actually naming Russia, said it can be assumed that the Soviet is making an "intensive effort" to develop the best means of delivering atomic bombs as well as to defend against them. Superior speed is generally recognized as the "most important single element" in both, the agency said.

The United States' progress in the search for practical military craft of supersonic speed was buried in 50 pages of reports on technical studies made during the past year. It showed among other things:

1. The air force X-1 supersonic rocket-powered research plane has been maneuvered at very high speeds.
2. The X-1 and the navy D-558-II jet and rocket powered research plane have been flown repeatedly at supersonic speeds in a program for matching actual flight data with the results of wind tunnel tests.
3. "A large number of successful flights" have been made with other research planes, intended to explore problems close to sonic speed.
4. Automatic flight controls are being developed for possible use on airplanes as well as on guided missiles.
5. Successful tests have been made with "hunter" controls for target-seeking missiles.
6. Studies are underway to determine the answer to heating resulting from friction at supersonic speeds.
7. Laboratory studies are being made of flight control and heating problems at extreme altitudes where the air is very thin.

The NACA made no reference to specific speeds for research planes. It said the flight characteristics of the X-1, using only the ailerons or wing controls, had been studied during rolls in glides "at high mach numbers."

Mach is a word used to relate the speed of sound to atmospheric conditions. Sonic speed varies with temperature. At sea level with the temperature 59 degrees, sound travels 761 miles an hour. In the stratosphere with a temperature of minus 87

degrees, is speed is 662 MPH. The X-1, which so far as is known is the world's fastest plane, has reached about one and a half times sonic speed at altitude. That approximates 960 miles an hour. It has merely touched such speeds, however, since present flying models have fuel for only two minutes or so as full power. Research planes carry only recording equipment.

Crawleys Are Home
Unionvale — Mr. and Mrs. Clarence S. Crawley returned to Portland by train and Arnold Braat met them there with his pickup and brought them to their home in Unionvale. They attended the funeral of her father, Hawley Pixler, 59, at Rawlins, Wyo. He died suddenly of a heart attack, January 10, the day after his birthday. The funeral was January 13.

WANT EASIER WASHING?
Rain Drops is guaranteed to make any soap — any water clean better! Laboratory tested and Guaranteed!

at your Grocer's

SNACK TIME? KIDS LOVE

HOODY'S PEANUT BUTTER

economy size jar... stays fresher longer

FRESHER at your GROCER'S!

Scientists OK'd A-Bomb Use

Los Angeles, Jan. 19 (AP)—The atomic bomb was approved 2-1 by scientists before it was used against Japan, Dr. Arthur H. Compton disclosed here today.

Dr. Compton, one of the developers of plutonium, revealed that a secret poll was taken of all scientists and officials who worked on the first atomic project before the bomb was used on Hiroshima and Nagasaki.

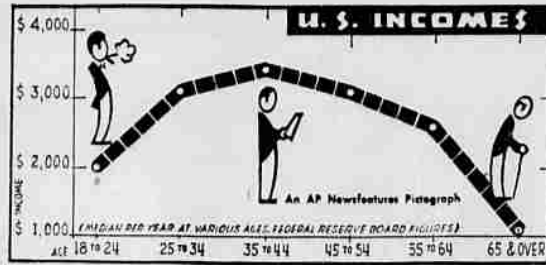
He proposed that even wider approval—that of the American public—should be sought before

the U. S. goes ahead with development of the hydrogen bomb, described as many times more destructive than the plutonium bomb.

"If the result (of such a public poll) is 50-50, we should keep off it," said Dr. Compton. "If it is 2-1 for it, we should go ahead."

The A-bomb has proved a deterrent to war, Dr. Compton, chancellor of Washington university, St. Louis, told a news conference. With other countries proceeding with atomic projects, he said "it becomes vitally important to us to proceed with atomic development to insure our safety."

Dr. Compton also is vice-chairman of the United States commission on UNESCO.



Earlier, he expressed the opinion that China, in casting her lot with the Reds, is not against American nor particularly for the Russians, but definitely against Chiang Kai-Shek.

Sheridan — An electric time clock and scoreboard was installed recently at the new high school gymnasium. The new clock is a gift from the business firms of Sheridan to the school.

Kimsey Clears Sheriff Schrunk

Portland, Jan. 19 (AP)—Charges that Multnomah County Sheriff Terry D. Schrunk violated the state fair employment act have not proved valid, Labor Commissioner W. E. Kimsey said last night.

He said the case is still open, but that the situation as charged by two negro deputies is not a law violation.

The negroes asserted the sheriff put them on elevator duty at the jail although their civil service ratings entitled them to more desirable work.

Schrunk explained that one deputy had the elevator job under Sheriff Martin T. Pratt and was made a plainclothes vice officer by Sheriff M. L. Elliott. Schrunk said he reassigned them in the course of a number of personnel shifts.

Everyone Knows Only CATERIZED Oil Leaves

NO CARBON! NO SOOT!

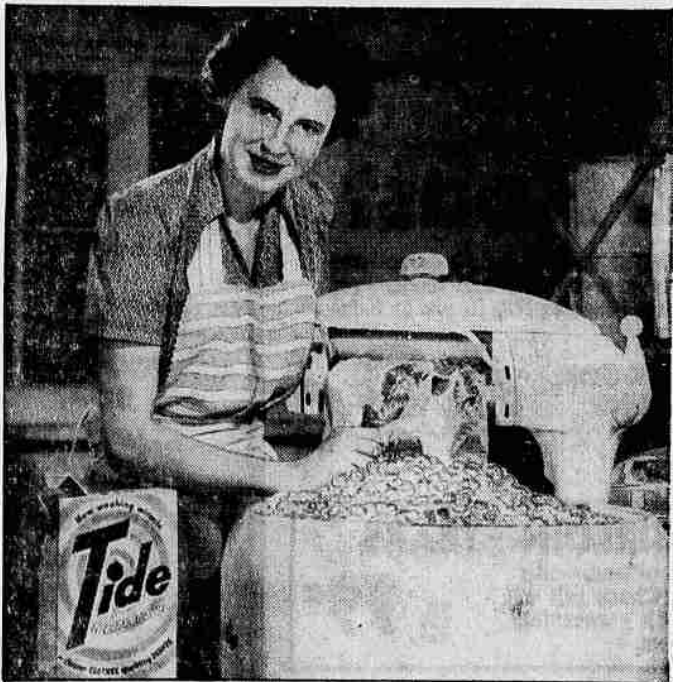
DIAL 35622 OR 35606

Salem's Exclusive Caterized Oil Dealer

Howard J. Smalley
Oil Co. 1405 Broadway



A DAZZLING CLEAN WASH WITHOUT RINSING!



"NO MORE RINSING FOR ME!"
says Mrs. Elizabeth Davis of PORTSMOUTH, OHIO

"I didn't believe Tide could do it... till I tried it! But it's true! I took the clothes right out of those wonderful Tide suds and put them through the wringer and onto the line. And, believe me, they looked so bright and clean—I was proud to hang them up!"

TIDE cuts washday work in half!
No more rinsing!
Just wash... wring out... hang up!

YES, another Tide miracle has been discovered—and it's the washday news of the mid-century! With Tide in your washing machine—you can take your clothes right out of the suds... put them through the wringer and hang them on the line dazzling clean! *Without rinsing!* Hard to believe? Yes, but when you use Procter & Gamble's Tide, it's a fact—and women all over America are proving it today.

HERE'S WHY! Tide, with its miracle suds, gets the dirt out of your clothes and keeps it suspended in the sudsy water. When you wring out the clothes, the dirt runs out with the washwater... and the clothes come from the wringer white... fresh... CLEAN!

YES, CLEAN! You all know how clean Tide has always washed your clothes *with rinsing*. Actually cleaner than any other washing product you can buy. Now we'd like you to try Tide without rinsing and compare the results. It's simply unbelievable how bright, fresh and clean you can get your wash with Tide, *without rinsing*. And think of the time and work you save! So try Tide without rinsing! If you do, you'll never use anything but Tide again!



No other washing product known can match TIDE for getting out dirt and soap film, too

Here's the MONEY-SAVING Way to Feed Your Dog

LEAN RED MEAT

Ken-L-Ration

Looks Good! Smells Good! "Tops" for Your Dog!

"Ken-L-Ration is ONE dog food made with lean, red meat—U. S. Government Inspected horse meat. Yet it costs far less than butcher meat. Supercharged with all known "dog-health" vitamins... enriched with vital minerals. No wonder dogs thrive on it! Just open a can of Ken-L-Ration and serve. It's that easy! Get 5 cans from your favorite store today.

FREE DOG BOOK—Nothing like it! Send name and address for your free copy today. Ken-L-Ration, Chicago 77, Illinois.

KEN-L-RATION
DOGS LOVE IT! CATS, TOO!

"I took my wash out of the Tide suds—wring it out—and hung it up CLEAN! I'll never rinse again!"



says Mrs. M. Hayes of WEHAWKEN, NEW JERSEY

"Tide now makes possible an amazing new kind of washday—quick and easy, almost beyond belief. Just think of all the time I'm going to save... without rinsing! And think of the wear and tear it saves on my clothes as well as on me! Thank you, Tide, for the biggest washday miracle of all!"

"My clothes dried so soft and fluffy—ironed so easily—without rinsing at all!"

says Margaret Lockwood of INDIANAPOLIS, IND.



"Talk about miracles! I take my clothes out of Tide's wonder suds, wring them out, and the dirt runs right out with the washwater just as they say it does! And what a beautiful wash... fresh, clean, and sweet-smelling *without rinsing at all!* It dries soft, fluffy, easy to iron. From now on, it's Tide—and only Tide—for me!"

FOR THE WORLD'S EASIEST WASHDAY... TRY TIDE WITHOUT RINSING!