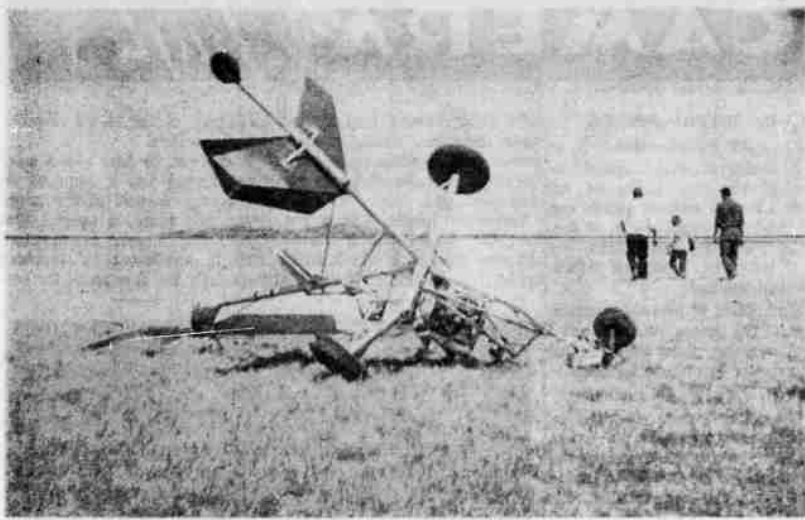




A FALLEN BIRD, the Benson gyro-glider, was badly damaged in a mishap. Pilot Harry Brown was unhurt. The men and the boy at right are looking for rotor parts. The cause of the accident was corrected.
— Photo by Herb Jones



FOUR GOOD FRIENDS enjoying a mutual hobby. Clockwise, Herb Jones, bottom left, Merle Clark, Harry Brown and Gus Hall work on the frame of a gyro-glider in Jones' basement.



VERY INEXPENSIVE is the gyro-glider shown here with Harry Brown, foreground, and Gus Hall. Each of the men has about \$100 invested. A powered craft costs more.

Irish Gathering

MEMPHIS, Tenn. (AP)—Here's the scheduled program for the Irish Society's St. Patrick's Day dinner here:

Eddie Bousson, of French descent, and Jimmie Demopolous (Greek) will sing Irish songs. Louie Pierini (Italian) and his orchestra will play.

Rudy Willing, a Jew, will be master of ceremonies.

FORMS NEW FIRM

HOLLYWOOD (UPI)—Comedian Mel Blanc, still recuperating at UCLA Medical Center from critical injuries received Jan. 24 in an auto crash, is forming a firm to help make humorous radio and TV commercials, it was announced today. Blanc, the voice of such cartoon characters as Bugs Bunny and Porky Pig, hopes to be released from the hospital soon.

CAMERA Angles

By IRVING DESFOR
AP Newsfeatures

New films took the spotlight at the annual trade show of the photographic industry held in Philadelphia this week.

In the black-and-white field, a revolutionary breakthrough was demonstrated by Polaroid. Its new 4x5 film packet produces not only a positive print but a finished permanent negative at the same time so that enlargements can be obtained by normal darkroom procedures thereafter.

News in the color field was made with the announcement of the first change in Kodachrome since its introduction 25 years ago. Its speed will be increased 2½ times from ASA 10 to 25 (day-light type) and from ASA 16 to 40 (type A).

The new instant black-and-white film is called Type 55 Positive-Negative (P-N) and comes in individual 4x5 paper packets. It is panchromatic, Type B, with a day-light rating of ASA 64 and a development time of 15 seconds. It can be exposed in conventional 4x5 cameras which accept the special Polaroid 4x5 Film Holder.

After taking a picture, these are the steps to follow: 1. The paper packet envelope is pushed back over the exposed picture. 2. The "process" lever is pulled down, crushing the developer pod. 3. The paper envelope is pulled out again, spreading the developer and starting the developing process. 4. The "process" lever is pulled up so the paper packet can be removed. 5. After 15 seconds, the paper packet is pulled apart revealing the finished print and negative.

The Top 10 Records

Best-selling records of the week based on The Cash Box Magazine's nationwide survey

1. CALCUTTA, Welk
2. PONY TIME, Checker
3. SURRENDER, Presley
4. WHEELS, String-A-Longs
5. DON'T WORRY, Robbins
6. WHERE THE BOYS ARE, Francis
7. SHOP AROUND, Miracles
8. WILL YOU LOVE ME TOMORROW, Shirelles
9. EXODUS, Ferrante & Teicher
10. CALENDAR GIRL, Sedaka

Pressure Heavy

JEFFERSON CITY, Mo. (AP)—Legislative pressures may be getting too heavy for some lawmakers.

Stuck between the pages of a bill introduced Thursday in the Missouri House of Representatives was a string of eight paper dolls, neatly cut from a newspaper.

Civil War Books

United Press International
The Iron Brigade, by Alan T. Nolan (Macmillan): The only completely western formation in the Army of the Potomac was the Iron Brigade, made up of three Wisconsin, one Indian and later one Michigan regiment. This brigade, which wore the hard black hats of the U.S. Regulars, made a name for itself from August, 1862, on when it fought the famous Stonewall Brigade of the Confederate Army to a standstill in one of the preliminary actions to the second battle of Manassas. Few brigades could make the claim of stopping the Stonewall Brigade, but the westerners did it in their first battle. The author is a lawyer and Civil War buff. He founded the Indianapolis Round Table. He has pulled together the entire story of the brigade for the first time after an incredible amount of research. Oftentimes his notes are better than

the text. The book is exceptionally detailed with liberal quotes from Iron Brigade diaries.

1851-65, The War in the Far West, by Oscar Lewis (Doubleday): The Civil War did not take place entirely in the East and the Mississippi Valley. All around the periphery there was action. Much of it was secondary fighting but it drained soldiers from the armies of both sides. In 1862 the Confederates made a bid to seize and hold the New Mexico Territory which included the present state of Arizona. The expedition under Gen. Henry H. Sibley, taking advantage of the withdrawal of U.S. Regulars from the territory at the start of the war, invaded from Texas and for a time made progress. Union volunteer troops eventually drove the expedition back into Texas and there were no more southern threats in that area.

The print, as heretofore, must be coated to protect it and now there are certain special steps which should be followed to protect the negative for future use. It must be washed to remove the developer layer and also the blue anti-halation dye on the other side. Then it may be dipped in photo-flo solution to prevent water spots and hung up to dry.

It is not necessary to wash the negative immediately. It can be bent in horse-shoe shape, emulsion side in, and slipped into the empty paper packet envelope, to be washed when convenient, even a day or two later.

While washing may be done straight from the tap, a simple and inexpensive chemical washing is recommended as more beneficial.

1. Cut off both ends of the negative—the metal clip at one end and the "Y" shaped piece.

2. Clip it to an open-frame film hanger by the two spring clips.

3. Mix 100 grams of sodium bisulfite and 20 grams of potassium alum in a quart of water.

4. Hang the negative in this solution at 65-75 degrees and agitate slightly. Within 30 seconds, the blue anti-halation dye will disappear; within five minutes the developer layer will drop off the emulsion.

5. Rinse the negative in running water, dip in photo-flo and hang up to dry.

This technique reduces the danger of scratching and hardens the emulsion to resist future handling.

The new film packets are expected to be available in late spring with a probable speed, by then, of 100 ASA and 10 second developing time.

Tests made with the new Kodachrome II film show other improvements besides speed. Its thinner emulsion provides increased sharpness, it has finer grain, a longer scale for better color renditions and greater exposure latitude. There are no changes necessary in the use of present filters.

REMEMBER!

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