

SUCH IS LIFE—From Mama to Papa!



By CHARLES SUGHROE

Flying's Great Problem Is Successfully Solved

Radio Beam Will Insure Safety in Bad Weather.

Chicago.—The dream of radio and aeronautical engineers that the day would come when it would be practical to land giant airliners filled with passengers down an invisible radio beam which would penetrate fog, snow, rain, or other bad weather has at last been realized. Radio communications engineers of the country's four largest airlines, at a meeting here, agreed that the sciences of radio and flying have advanced to the place where so-called blind landings now are practical. They wrote a specification for a standard instrument landing system which ultimately will be installed in key airports throughout the United States.

The engineers have had an instrument landing system such as they described in their specifications in actual operation for more than two years at Oakland, Calif. More than 2,000 landings by thirty or more pilots have proved it is sound.

How It Works.
This is how it works: A pilot flying the regular department of com-

merce radio range beacons arrives at a field which has the needed special equipment for the instrument landings. He tunes the special receiving sets in his ship to the ultra, high frequencies of the "directional" landing beam.

Then he lets down through the clouds until his altimeter shows his altitude is 2,000 feet. Once there he aligns himself on the directional landing beam and flies along level until he passes through an outer marker beacon—a vertical radio ray—at a point five miles from the edge of the airport at which he is aiming.

There an electrometer dial on his switchboard is switched into operation. This instrument is connected with his two receiving sets and it has two needles which show a pilot his relation to the radio directional beam and to a curved landing beam sent out from a station on the airport. The needles show when he is above or below the curved beam or to the right or left of the directional beam.

Ride Down on Beam.
Once in the proper position, the airman engages his automatic pilot (operated by gyroscopes) and then lets go the controls so that the sensitive mechanical instrument is flying the ship. The human pilot merely sits back watching the needles and making slight adjustments of the automatic pilot as need arises.

All this time, of course, the airplane is descending at a speed of approximately 90 miles an hour. When the ship arrives almost at the field it passes through a zone of signals emitted from a second and inner radio marker beacon.

The pilot simply sits back in his seat and lets the airplane follow the glide beam which flattens out over the field until the wheels touch the runway. Then he closes the throttles and applies his brakes.

COAT OF JERSEY



This attractive sports ensemble designed by Mainbocher of Paris, was chosen by the duchess of Windsor and is included in her trousseau. The long coat is of fine jersey in slate blue, with a fine red, hairline stripe. The skirt has pockets in the same shade. A plain waist length hand knitted jumper is worn with the outfit.

My Neighbor SAYS:

Celery stuffed with shrimp salad can be used for giving variety to the appetizer tray.

A saucerful of quicklime placed in a damp closet or cupboard will absorb all dampness.

Powdered borax added to the water when washing fine white flannels helps to keep them soft.

Chopped ripe olives give flavor to veal casserole. Use about one-fourth cup for each two cups veal required.

To dress up your last season's suit, buy a campus plaid jacket blouse. They come in many different plaids and have a belt and an ascot tie. These are priced very reasonably.

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COMMON THINGS
By
LEONARD A. BARRETT

It is true that the world is full of beautiful things, and we should all be as happy as kings. But so many of the beautiful things are commonplace that we fail to see them. Only the discerning eye can see sermons in stones and good in everything. Tennyson had a flower garden at the rear of his home. It was doubtless in the crack in the wall which encircled this garden that the poet saw a little flower growing. The little flower that inspired these lines:



"Flower in the crannied wall,
I pluck you out of the crannies,
I hold you here, root and all,
If I could understand what you are,
I should know what God and man is."

How true it is. We have eyes to see, but see not; ears to hear, but hear not. To be able to see deeply enough to interpret the beautiful and the mysterious is a boon devoutly to be wished. It is not impossible to cultivate the capacity to see power and beauty in common things. Flaubert, the French novel-

HE'S "MODEL BOY"



Christopher (Buddy) Finnegan, seventeen-year-old Gloucester (Mass.) boy, who was proclaimed America's most perfect young high school student by the Elks lodge at Denver. With the title he receives a check for \$1,000 which he plans to use toward a college course.

ist, who was also a master of naturalism, said: "Look at a tree until it appears to you just as it appears to everyone else; then look at it until you see what no man has ever seen before." It is this ability to see beyond ordinary sight, this capacity plus—which sees something more—that explains the depths and heights of character and the strength of personality. "Genius is nothing else than the power of seeing wonders in common things." Most of the inventions which increase the comfort of living are the results of someone seeing beyond the common known into the great unknown, and discovering new forces.

All our so-called possessions of luxury such as the radio, automobile, electric time-saving devices owe their origin to the power of seeing resources hidden in common things.

Lincoln said: "God must have loved the common people because he made so many of them." It is to the experience of our common human lot that we must come for an adequate appreciation of life values. It is by keeping our ears close to the heart of the great human struggle that we come to understand life and the value of patience, fortitude, faith and courage. We become very humble when we realize how few cardinal graces of character we possess in comparison to the graces of others who have always been alert to the need of human perfection. The revolutions of history tell the story of the common human lot as a mighty balance of power.

Every day look at a flower until you see something you have never seen before. It may help you to be less selfish. Your own desire to possess the flower may be lost in the joy you find in your neighbor's appreciation of it. Every day seek to express in simple ways your grati-

Household Hints
By BETTY WELLS

"IN MY old home, we always used to set two extra places at the table for every meal—for guests who might drop in," said a once famous hostess we met at a tea party the other day. "And that's the one thing that troubles me about this modern way of house-keeping in such tiny quarters. How could a young homemaker set two extra places in some of these little dinettes?"

We felt like reminding that gracious lady that she had five servants as well as those two extra places at the table. Not everybody had so much help, even in her heyday, and so the little homes of today, tailored to actual needs rather than lavish hospitality, look pretty good to the person who has to do the work without any help. But they can have their own brand of charm and attractiveness if they're carefully furnished and carefully kept.

Take the dinette one reader wrote us about "It's part of a three-room apartment we're living in now, but whatever we get for it will later be used in a Cape Cod house we plan on building. The dinette is the main problem—it has wide plank floors, knotty pine walls and a corner cabinet. I'm puzzled about what rug, curtains and furniture to get for it. What would you suggest?"

Of course maple would be the most obvious thing and certainly a very nice solution. The problem is probably a table that will do now in a small dinette yet be suitable later in a full sized dining room. You wouldn't absolutely have to have a rug in this room . . . the wide plank floors could be kept waxed and would be pleasantly in the mood of the room. But if you'd prefer a rug, a plain blue or twist weave with a red wool fringe all around would be very nice.

When They Outgrow Playpen.
Nothing could be sweeter than a very new baby, all red and wrinkled and wobbly. And anybody who says they're a howling nuisance is a fabricator. A wee tiny baby is a lamb and never causes anybody any trouble as long as he's well. In fact, a baby doesn't really become a handful until he outgrows playpen and learns to climb out of his crib. Then hold your breath!

Here are some suggestions for making a house safe for babies. The mother of four passed the tips on to us in the cause of safety. She uses insulated staples to fasten her lamp-cords to the baseboard and wall right up to the point where they have to join the lamp base proper. She places the lamp

tude for life, work, and play.—You will be surprised to discover new things, common little things, hitherto unknown to you. Every day endeavor to find in your friendships hidden sources of beauty and strength. You will thus find that quality of mind and heart you need to enrich your own life. We will find as Emerson found, that not only in stars and flowers, but in the mud and scum of things there are lessons to be learned.

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and that part of cord well back on the table so it is out of reach of the children. All breakable bibelots she keeps pushed back on tables and chests or too high up to be reached. She has hook and eye fasteners on her dressing table skirt to keep the children out of her cosmetic drawers. Any other drawers that toddlers can open are kept locked if they hold anything dangerous or fragile therein. Scissors and knives are kept in certain high and safe places and any grown-up person who fails to return them to their places has to pay a fine. Waste baskets on the floor are banished altogether and in their places our friend uses attractive covered pottery jars and covered baskets that look presentable enough to stand on top of



Nothing Could Be Sweeter Than a New Baby, Red, Wrinkled and Wobbly.

piano, chests and desks to hold trash. The trick with book shelves is to put the books on the lower shelves in tightly so that the little fingers can't pull them out. In the kitchen form the habit of keeping handles of pots and pans turned in when they're on the stove so toddlers can't reach them. It goes without saying, of course, that all cleaning powders, poisons and drugs must be kept entirely inaccessible to small children.

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SNACK BY WAYSIDE



This novel idea for hikers—small clips which hold plates and saucers attached to a walking stick—is the invention of Mr. Gerhold, a Londoner, and it is patented all over the world. The materials for the ideal luncheon table, excepting the walking stick, are conveniently carried in the rucksack.

Dunn Takes Over His New Job



James C. Dunn, former head of the division of European affairs, is shown (right) as he takes over his duties as chief of the newly created "political relationships department," a branch of the State department. The creation of this bureau is another step by Secretary Hull in streamlining the dignified and ponderous State department and to absorb some of the responsibility which fell on his shoulders, taking valuable time away from foreign policy. Shown at left with Dunn is Jay Pierrepont Moffat who is taking over Dunn's former post in the division of European affairs.

IMPROVED
UNIFORM INTERNATIONAL
SUNDAY SCHOOL Lesson

By REV. HAROLD L. LUNDQUIST,
Dean of the Moody Bible Institute
of Chicago.
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Lesson for September 5

GOD REQUIRES SOCIAL JUSTICE.

LESSON TEXT—Leviticus 19:11-18, 32-37.
GOLDEN TEXT—As ye would that men should do to you, do ye also to them likewise. Luke 6:31.
PRIMARY TOPIC—At Harvest Time.
JUNIOR TOPIC—At Harvest Time.
INTERMEDIATE AND SENIOR TOPIC—Championing the Rights of Others.
YOUNG PEOPLE AND ADULT TOPIC—My Responsibility for Social Justice.

Labor Day—in this year of our Lord 1937—looks out upon a world deeply divided in opinions of what is right and what is wrong in the relationship between capital and labor. Political and economic leaders are talking much of social justice, of a planned economy in which all shall have a full share of the products of labor. Surely, we would all agree that there should be only kindness and justice in all such dealings of man with man. But how to accomplish that result in a world of selfishness and sin, that indeed is the question.

Unfortunately, many of those in the church who have greatly stressed social relationships have forgotten that the true foundation for such teaching and living is the preaching of the gospel of redemption. In reaction to their impossible position, others who have faithfully preached the necessity of regeneration have forgotten to stress the need of the expression of regenerated life in the social relationships of man. We need God-given balance, with a proper reflection of gospel truth in honest and helpful living. God wants his people to show that they belong to him by

I. Providing for the Poor and Needy (vv. 9, 10, 14, 15).

When Jesus said, "Ye have the poor always with you" (Matt. 26:11), he referred to one of the responsibilities which thoughtful and considerate men have always gladly borne, but which has been a constant problem to both individuals and nations. We have dealt with it in our day on a broad and supposedly scientific basis, but those who are closest to it are quick to admit that we have even now an imperfect solution. In the days of Israel the poor were fed by the purposeful leaving of gleanings in the field—which the needy were free to gather as their own. Thus they had the joy of helping themselves even as they were being helped by others, and, in the final analysis, by God himself.

II. Guarding Another's Reputation (vv. 16-18).

Gossip is a destructive means of breaking down the good standing of another. It is a sin all too common in our day, even within the circle of God's own people. Tale-bearing and evil-speaking are a blight on our social and religious life. We should put them away.

Akin to this common and awful sin is the bearing of grudges and the seeking for revenge, neither of which serves any good purpose.

III. Honoring the Aged (v. 32).

Old-age pensions undoubtedly have their place in our complicated social life, but it is evident that they would be entirely unnecessary if men and women had in the fear of God honored "the hoary head" and "the face of the old man," even as God gave command to Israel.

IV. Loving the Stranger (vv. 33, 34).

The man who knows what it is to have been a stranger, and to meet with love and protecting care, should never forget to go and do likewise. Living, as many of us do, in great cities makes this somewhat of a problem, and yet one sometimes wonders whether the bustling city is not often kinder to the stranger than the little community, which makes him feel like an "outsider."

V. Being Honest in Business (vv. 11-13, 35, 36).

No stealing, no false swearing, no defrauding, no withholding of wages, for all these things dishonor or "profane the name of thy God."

A good motto to hang up behind the counter or over the desk in a business house is found in the words of verses 35 and 36. False bottoms, trick scales, short measure—oh, yes, they are against the city ordinance, and you will be fined if you are caught. But remember, they are also an abomination in the sight of the Lord.

The closing verse of our lesson reiterates that important truth. In carrying out the tenets of social justice we are not simply being humane and kind. We are observing the statutes and ordinances of the Eternal One, him who says, "I am Jehovah."

Being One in Faith
It is good to know that in whatever country we are found, and under whatever sky, we are, through faith in the divine Saviour, members in the same body, sheep in the same fold, children of one home.

Pay Up Our Debts
Debt comes under the eighth commandment. It hangs a millstone round the neck of the man or woman who incurs it. It corrodes honesty.

Bit of String and But One Square

Luxurious lace of undreamed of beauty is this for tea or dinner table! A crochet hook, some string and the clearly stated directions of this easy-to-remember pattern are all you need to get started. Though the finished piece gives the effect of two squares, it takes



Pattern 5845.

but one 5 1/4 inch "key" square, repeated, to give this rich effect. Here's loveliness with durability for years to come whether your choice is a cloth, spread, scarf, buffet set or other accessory. In pattern 5845 you will find complete instructions for making the square shown; an illustration of it and of all stitches used; material requirements.

Send 15 cents in stamps or coins (coins preferred) for this pattern to The Sewing Circle Household Arts Dept., 259 W. Fourteenth St., New York, N. Y.

Please write your name, address and pattern number plainly.



Great in Acts
Be great in acts, as you have been in thought.—Shakespeare.

666 checks MALARIA in three days COLDS first day LIQUID, TABLETS SALVE, NOSE DROPS Headache, 30 minutes. Try "Rub-My-Tam"—World's Best Liniment

Adversity the Test
Prosperity makes friends and adversity tries them.—Plautus.

CARDUI

In this modern time something wonderfully worth while can be done for practically every woman who suffers from functional pains of menstruation. Certain cases can be relieved by taking Cardui. Others may need a physician's treatment. Cardui has two widely demonstrated uses: (1) To ease the immediate pain and nervousness of the monthly period; and (2) to aid in building up the whole system by helping women to get more strength from their food.

WNU-4 35-37

GET RID OF PIMPLES

New Remedy Uses Magnesia to Clear Skin. Firms and Smooths Complexion—Makes Skin Look Years Younger.

Get rid of ugly, pimply skin with this extraordinary new remedy. Denton's Facial Magnesia works miracles in clearing up a spotty, roughened complexion. Even the first few treatments make a noticeable difference. The ugly spots gradually wipe away, big pores grow smaller, the texture of the skin itself becomes firmer. Before you know it friends are complimenting you on your complexion.

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