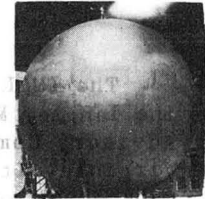
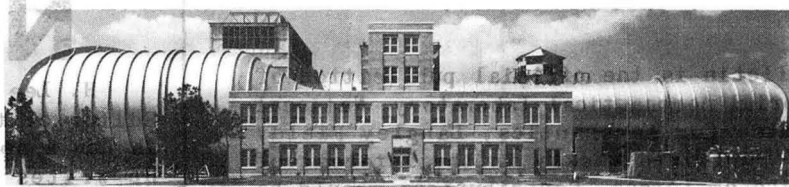
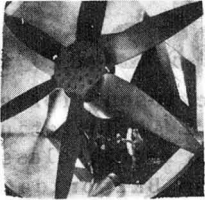


# LMAL BULLETIN



## LANGLEY MEMORIAL AERONAUTICAL LABORATORY

Issue 32, Vol. 3

Langley Field, Virginia, July 29-August 4, 1944

Page 1

### ORIENTATION REACHES 699

The programs for better acquainting new employees with the Laboratory have been held regularly for the past five months and have been presented to 699 employees.

At these programs, which consist of a one hour meeting in the projection room and a tour of several activities, new employees have the opportunity of meeting at least eight officials of IMAL, hearing about the organization, and seeing some of the service and research activities in operation.

Starting last February 12 with a group of 18 new professionals, the meetings are now held once each week with nearly 50 employees of all classifications.

At the meetings, H. J. E. Reid gives the official welcome for the entire Laboratory. The three department chiefs or their representatives are introduced, and they explain in brief how their work ties in with the other units. Brief talks are delivered on personnel policy, the relationship between the employee and the community, and the services and facilities of the Laboratory.

The chart of the organization is explained, showing the breakdown of each department into divisions. Talks are then made on the history of the NACA and the history of a typical job.

The group is then divided into two sections to visit the

### TALENT CALL MIMES ISSUE

The USO Mimes, a dramatic club recently organized by the Industrial USO for the purpose of producing plays, floor shows, skits, talent shows, and other forms of entertainment, is again making a call for talent.

Plans are underway for the production of a three act comedy with special acts. Roles are open for eight males and four females, and try outs will be held on Wednesday nights at 7 o'clock at the USO. Talent is also needed for the special acts which include singing, dancing, musical numbers, stunts, skits, etc. Experienced persons for back stage work such as electricians, soundeffects, property, etc., are also being sought.

Anyone interested in trying out for a part may contact one of the following members of the casting committee: Sally Mason, East Engineering Section; Madeline Williams, Planning and Procurement; Dick Palmisano, East Engineering; Ray Murpny, East Engineering; Katherine Muir, Industrial USO; or Mrs. Muir, Assistant Director of the USO, at 7782.

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activities. Generally, each group visits a wind tunnel, a shop, and one other research activity.

Starting next week, other members of the staff who have expressed a desire to attend the programs will be given an opportunity to do so.

### CHAMPIONSHIP CONTEST TO BE HELD OCTOBER 1

The Brain Busters' championship contest has been set for October 1, and plans are under way to bring the prize money up to the \$500 mark. The Avion club has posted a \$25 war bond, and W. T. Thomas, owner of Thomas Morse Aircraft Company in World War I, has contributed \$25 for the purchase of a trophy.

Several club members plan to enter the Model Aircraft meet Sunday, July 30 at the Modelhaven flying field of the Baltimore Aero-Craftmen. This contest will be sponsored by the Model Aircraft Company of Baltimore. At present, George Gentry and Frank Parmenter, W. Machine Shop; Charles Folk, Instrument Service; Dick Sladek, Dynamic Model Shop; and Paul Marchal, East Engineering are definitely planning to go, and Frank "the challenger" Cisco is planning to take a carload of entrants. In the past, the Brain Busters have taken over half the prizes at Baltimore, and they are planning a repeat performance, if their luck holds out.

### SOFTBALL SCORES:

19' PT 13, AID 0  
AWT 11, FST 2  
ITD 19, Stab. 1  
Struct. 8, Eng. 5  
Tank 9, 8' HS 7  
Tank 23, Stab. 14



The LMAL Bulletin is the official publication of the Langley Memorial Aeronautical Laboratory, National Advisory Committee for Aeronautics, Langley Field, Virginia. It is published weekly in the interest of management and the employees. Contributions should be addressed to the Editor, in the Service Building, telephone 376.

Editor . . . . . Tiny Hutton  
 Managing Editor . . . . . Ruth Angel  
 Sports . . . . . Si Diskin, Nancy Shelton  
 Reporters . . . . . LMAL Employees

## RECREATIONAL FACILITIES NEEDED BY LAB EMPLOYEES

by Pete Korycinski

The employees of LMAL represent the cross-section of our country. They come from communities large and small. It doesn't take long for these people, particularly the young ones, to become aware of the shortcomings of the local community and LMAL itself as far as recreation is concerned. They have come here to perform a vital task in the war effort. But only eight or nine hours are spent each day at work. It is the time between the end of working hours and bedtime that relaxation is most needed. They require variation in activity for relaxation. At present, to find facilities or means for this relaxation requires more than ingenuity.

### *League And Clubs Have Been Organized*

For the past several years, a number of athletic sports have been undertaken. The increase in participation and support that such sports as bowling, softball, touch football and basketball have received has given a strong indication that such means of recreation are most welcome. Other athletic endeavors, such as the golf club, the athletic club, girls' softball and basketball add further emphasis that such athletic activity is desired and appreciated.

### *Army Facilities Crowded*

The Army facilities on Langley Field are operating at full capacity. During the spring and summer of 1943, an NACA baseball team was incorporated into the Army league and stayed in the upper half of the league standings. This season the participation of an NACA baseball team in the Army league was not possible; nor was it possible to use the Army's baseball diamond. No diamond - no baseball, and since no other baseball diamonds exist in the community, NACA's baseball players are deprived of participating in the grand American sport.

### *All Facilities Crowded*

Sports other than baseball have suffered to a lesser extent. In touch football, a field was not always available. There have been times when a football game had to be shortened with unsatisfactory results to the teams as well as to the spectators because the field had to be turned over to some other organization. The softball league is encountering similar

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# Service Notes...

H. Lee Dickinson, former Editor of the LMAL Bulletin, is now a seaman second class. He writes from Bainbridge, Maryland, "Uncle Sam is sending me back to school. Arrived here last night for a 16-week yeoman course. That means I won't be home again until late November....Regards to all my buddies (male and female)." Lee's new address is: H. L. Dickinson, S 2/c, Yeoman Draft 713, U.S.N.T.C., Bainbridge, Maryland.

Captain A. W. Starkey, now Major Starkey, worked at LMAL during the summers of 1938 and '39, and has been overseas for three years. His new address is: Major A. W. Starkey, O-25126, Ng 1278th Engineer (C) Bn., APO 231, c/o Postmaster, New York City, N. Y.

Work has been received that Seaman First Class Larry Fogarty, formerly of 19-Foot Pressure Tunnel, is at Great Lakes studying Radar.

John Harrington writes another long letter from somewhere in New Guinea. He says, "In the April 22-28 issue of the Bulletin, it was most gratifying to learn that a "living memorial in the form of a building where sports, theatricals, and meetings might be fostered for the general good of the community" was suggested by Starr Truscott....I would be most happy to contribute whatever I can to the fund, for I know what good a building of this type will do for the Peninsula." John's new address is: Pfc. John S. Harrington 15362898, 20th Combat Mapping Squadron, APO 713, Unit 1, c/o Postmaster, San Francisco, California.

Lieutenant Leonard H. Purdy writes that in the past months he has been married and is now at a new training base. His address is O-814964, S. O. D., Sec.;H, Box 9, AAFPS, Dodge City, Kansas.



# SPORTS

## Girls' Softball



The third place Structures team chalked up another victory Tuesday by tripping FGDA 17-3. Good pitching by Sibil Bateman plus strong fielding held the FGDA team scoreless until the last half of the last inning. Maxine Spaur of Structures hit the only home run of the game. Sue Waters pitched for the losers until the fourth inning when she was ably relieved by Ann Merfeld. ALD nosed out AWT 14-13 on Wednesday to take over first place in the league. The two teams were tied previously at six won and one lost. It was AWT's ball game until the last half of the last inning when AWT errors and a home run by Constance Mynatt turned the tide.

## CARL CECIL TWIRLS NO-HITTER AS LTT ROMPS OVER STABILITY

The only no-hitter of the season was turned in by Carl Cecil last Wednesday when he pitched his Low Turbulence team to a 19-1 victory over Stability. The batting attack was led by Bart Geer, shortstop, and Bob Nuber, first baseman. The two collected eight of the fourteen hits garnered off Dick Everett, the losing pitcher.

Featured by Al Martina's one-hit nurling, 19-Foot Pressure Tunnel overpowered Aircraft Loads 13-1. Bill Aiken, who twirled for ALD and who was charged with the defeat, was the lad who spoiled Martina's chances for a no-hitter.

Paced by Harold Johnson, second baseman, who collected three hits and a walk for a perfect day at bat, AWT defeated Full Scale 11-2. Jim Scriven won his seventh game of the season while Roy Lange, Full Scale, was charged with his fourth loss. This win strengthened AWT's hold on fourth place.

The Tank won two games last week, defeating 8-Foot High Speed 9-7, and Stability 23-14. In the first game, although outhit 12-6, the Tank took advantage of seven errors committed by 8-Foot to emerge the victor. Charlie Daniels was the winning pitcher with Don Baals the loser. Jack Posner, short-fielder for Tank, and Hank Fedziuk, third baseman for 8-Foot, collected a single and home run each.

In the Tank-Stability game, Tank scored thirteen runs in the third inning to put the opponents in the background and emerge victor with a score of 23-14. Charlie Daniels, who made the only home run of the game, was the winning pitcher and Dick Everett the loser.

Structures triumphed over Engineering by the score of 8-5. George Zender, pitcher for Structures, gave up ten hits to win his first game of the season; four of the hits, including two singles, a double, and a triple, were collected by Don Lietzke, shortstop. Jim Dawson, the losing pitcher, gave up ten hits, including three by Johnny Neff, third baseman.

Jerry Couch pitched for the winners and struck out one and walked four. Margaret Farmer, on the mound for AWT, allowed only one walk. She also led her team at bat with a home run and a triple.

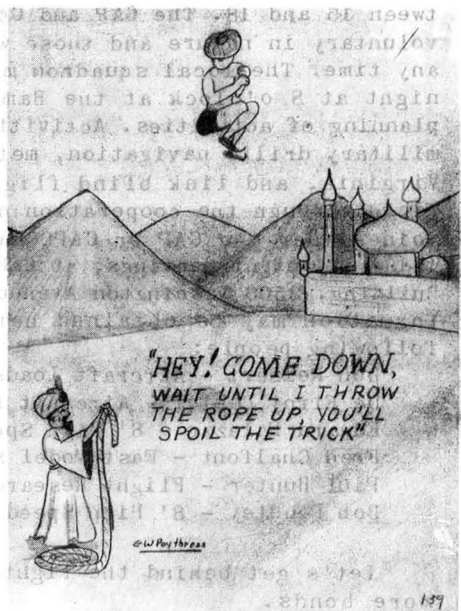
John Houbolt umpired the game.

Team	Won	Lost	Pct.
ALD	7	1	.875
AWT	6	2	.750
Struc.	5	2	.714
Personnel	4	4	.500
16-Foot	3	4	.429
E. Mach.	2	4	.333
PRT	2	6	.250
TDT-FGDA-8'	1	5	.167

## STANDINGS:

Pos.	Team	Won	Lost	Pct.	G. B.
1	Structures (8)	9	2	.818	-
1	19' Pressure (14)	9	2	.818	-
3	East Area Shops (12)	8	2	.800	1/2
4	AWT (6)	7	3	.700	1-1/2
5	Flight Research (13)	7	4	.636	2
6	PRT (10)	5	4	.555	3
7	Tank (5)	6	5	.545	3
8	Full-Scale (3)	5	5	.500	3-1/2
8	8' High Speed (4)	5	5	.500	3-1/2
10	Low Turbulence (7)	5	6	.455	4
11	Instrument Research (9)	3	8	.273	6
12	Engineering (1)	2	9	.182	7
13	Stability (2)	1	9	.100	7-1/2
13	Aircraft Loads (11)	1	9	.100	7-1/2

Let's put NACA back on top; raise bond allotments to 15%.



# CAP PLAYING BIG ROLE IN WAR TIME AVIATION

The CAP is a civilian auxiliary of the U. S. Army Air Forces and, as such, is under the command of General H. H. Arnold through the National Headquarters of the CAP. It was formed about December 1, 1941 for the purpose of utilizing civilian pilots and equipment for National Defense. At the time of organization it was a part of the Office of Civilian Defense where it remained until the summer of 1943 when the CAP became an auxiliary of the U. S. Air Forces.

## *Search For Enemy Subs*

Upon the outbreak of the war the CAP took over the job of patrolling the seacoasts for submarines which were preying on shipping at that time. This patrol work was done in small planes ranging from 65 horsepower up to 400 horsepower and for a long while had no armament but only a radio with which to call Navy or Coast Guard planes or snips to destroy submarines which the CAP planes had sighted. Many convoys and coastal ships were saved by these small planes which dove at the subs, causing them to submerge and to move to some other location. After a number of subs had escaped destruction because of the time required for military planes or ships to reach the spot at which the sub had last been seen, the military authorities decided to arm the CAP planes with a single 100 or 400 pound bomb, depending on the size of the plane. CAP members rigged up their own bombsights made at a total cost of thirty cents. After this, at least two sub sinkings were credited to CAP planes and other probables.

## *Training Has Postwar Possibilities*

The Army, Navy, and Coast Guard now have the men and equipment which they lacked at the start of the war and have now taken over the job of coast patrol. This does not mean that the CAP is no longer necessary, by any means. The CAP is now recruiting 17 year old boys for the Air Corps and older girls for the WAC. In addition many civilians of all ages are getting training in the aviation field which will be of great value to them during the Air Age which will come not too long after this war. Jobs will be open to qualified persons as pilots, mechanics, meteorologists, navigators, and control tower operators, to name a few.

## *Activities Now Varied*

Enlistment in the CAP is open to both men and women over 18 years of age and in the CAP Cadets to boys and girls between 15 and 18. The CAP and CAPC organizations are entirely voluntary in nature and those wishing to do so may resign at any time. The local squadron meets once a week on Wednesday night at 8 o'clock at the Hampton Armory for training and planning of activities. Activities at the present time include military drill, navigation, meteorology, flying at Hopewell, Virginia, and link blind flight training given at Langley Field through the cooperation of the Army. Anyone wishing to join either the CAP or CAPC may obtain applications at the Wednesday night meetings, at CAP Headquarters, HRPE Commissary Building, 2506 Washington Avenue, Newport News. Additional information may be obtained here on Langley Field from the following people:

Don Reisert - Aircraft Loads - 266  
De Elroy Beeler - Aircraft Loads - 266  
Edward Palazzo - 8' High Speed Tunnel - 238  
Fred Cialfont - East Model Shop - 254  
Paul Hunter - Flight Research - 264  
Bob Pendley - 8' High Speed Tunnel - 292

Let's get behind the fight, not behind in the fight. Buy more bonds.

# FRD DANCE

## AUGUST 19

The Flight Research Division is presenting another of its gala semi-formal dances at the Chamberlin Country Club on Saturday, August 19, from 10 'til 1.

A limited number of invitations are available to members of the Laboratory staff. The subscription price is two dollars. Complete information may be had by contacting Esther Wendling at 229.

Eddie Travis and his orchestra will provide the music.

# USO GYM CLUB HOLDS MEETING

A large group attended the last meeting of the Gymn Club at the Hampton Industrial USO to witness the weight lifting and the high bar exhibition by Israel Tabach and Sam Kelly. Among the spectators was the governing group of the USO.

A club policy was presented to the members and copies will be distributed and the policy discussed at the meeting on Monday night, July 31. At this time, committees for various sports will also be appointed. All persons interested are urged to be on hand.

# USO NEWS

This week's program at the Hampton Industrial USO will open on Sunday, July 30, with open house. On Monday, July 31, the Athletic Club will meet, and on Tuesday, August 1, the American Legion will held its meeting. The USO Mimes will meet on Wednesday, August 2, and a movie will be shown on Thursday, August 3. The Friday, August 4 and Saturday August 5 calendars will be featured by open house.



# RIGHT TO COMPENSATION FOR PERSONAL INJURIES OF CIVIL EMPLOYEES

## WHAT TO DO WHEN INJURED

1. Report the injury to your immediate official superior without delay.

This is important to protect you in case of dispute. Also make note of the names and addresses of those witnessing the injury.

2. Then secure first aid treatment. Do not neglect the small injuries.

Sometimes blood poisoning or permanent disability or death results from neglecting a slight injury.

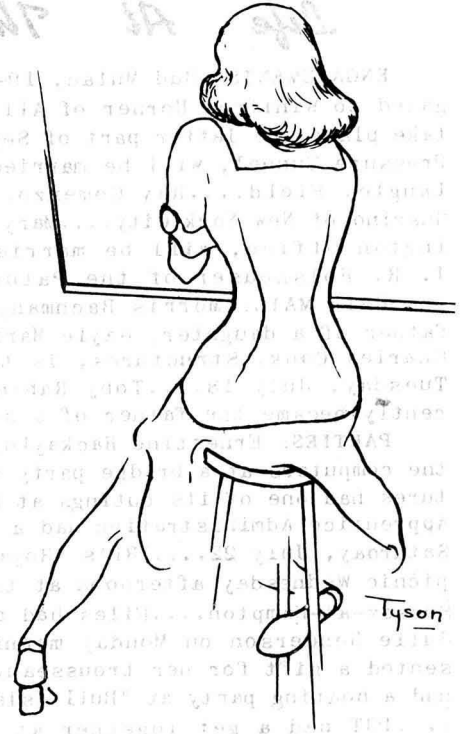
3. Treatment by the medical officer or dispensary of your establishment, or if there is none, by the physician or hospital provided by the Compensation Commission to treat injuries, will cost you nothing.

4. Claim should be made promptly. Unless made within one year Commission is without jurisdiction.

If in doubt about your rights under the compensation law, write to the Compensation Commission.

The blank form for this purpose may be obtained from your official superior.

5. An injured employee is entitled to have any claim for payment of compensation or medical or hospital service on account of an injury which he believes was sustained while in the performance of duty on or after September 7, 1916, passed upon by the Compensation Commission.



PLOTTING CURVES

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## RECREATIONAL FACILITIES

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Continued from page 2

difficulties this season. Furthermore, there is a sad need for tennis courts in the locality. In all, it is obvious that recreational facilities are lacking and must be provided either by the community or by the LMAL, or preferably by both.

### Cost Bars Dances

Social functions sponsored by groups large and small are very popular. The number of beach parties held during the summer proves this point. But the social aspect, in general, is far from attractive. A group weeking to throw a party or a dance soon encounters a prohibitive financial barrier which must be surmounted before an adequate place of entertainment is obtained. This one barrier effectively limits social activities, and consequently, the personnel have fewer parties and dances to enjoy. The problem is to obtain an LMAL recreation center

sufficiently large to accommodate functions held by LMAL social organizations.

Another form of recreation can be classified as arts and hobbies. A large majority of the members of the Hampton Little Theatre are LMAL employees. Although this organization is well organized, it too, encounters numerous difficulties which could be alleviated by proper equipment, storage facilities and an adequate theatre. From time to time, various musical organizations arise only to fall because no adequate facilities exist for rehearsals and storage of equipment.

To a model maker, building and eventually flying his model is more than a hobby, more than a sport - it's a passion. The majority of the model makers at LMAL have been attracted here by the work done by the NACA. They have among themselves young men who have distinguished themselves

in the field of model aircraft, and whose names are known nationally in model aircraft circles. One problem these young men face is that of finding adequate workshops. No especial place is available them at present, and they pursue their sport under a handicap.

Over three thousand people are employed at LMAL. While each individual has his own idea of recreation, collectively the problem resolves into providing recreational activities after working hours. The need for recreational facilities is obvious. Also it has been shown time and again that morale is a very important factor in work output. A high morale is possible only when sufficient recreational facilities are provided. If recreational facilities are provided, the general demeanor of the personnel of LMAL will be reflected in their work output.

**ENGAGEMENTS:** Bud Mulac, 19-Foot Pressure Tunnel, is engaged to Winifred Horner of Alliance, Ohio. The wedding will take place the latter part of September.... Polly Obst, 19-Foot Pressure Tunnel, will be married in August to Floyd Pyles of Langley Field.... Ray Comenzo, AWT, is engaged to Lucy V. Guarino of New York City.... Mary Virginia Sutton, now of Washington Office, will be married early in August to Lieut. J. R. Holsnouser of the Patuxent Naval Air Station.

**HEIR MAIL:** Morris Bachman, Construction, is the proud father of a daughter, Gayle Marie, born Tuesday, July 18.... Charles Cook, Structures, is the father of a daughter born Tuesday, July 18.... Toby Rabinovitz, East Model Shop, recently became the father of a son, David Benjamin.

**PARTIES:** Ernestine Hackaylo, 16-Foot Tunnel, entertained the computers at a bridge party on Thursday, July 20.... Structures had one of its outings at Grand View Thursday, July 27.. Apprentice Administration had a swimming party at Grand View, Saturday, July 22.... IRL's "Royal Order of Hot Buddies" had a picnic Wednesday afternoon at the estate of Mary Mourness in Susséx-at-Hampton.... Files had a surprise birthday party for Julie Henderson on Monday morning, July 24. Julie was presented a gift for her trousseau.... Sara Carmines, Messenger, had a boating party at "Bull Island" for Files and Messengers.... PRT had a get together at Grand View Sunday, July 23. Before the party, everyone met at Hampton High School where the girls challenged the boys in a game of softball - the boys were required to bat and pitch left-hand.

**WELCOME BACK:** PRT welcomes Arvid Keith back after a five-weeks illness.... Personnel Records welcomes Ann Carmines, Virginia Powell, and June Heckman back from a tour of duty in the Washington Office.... Instrument Service welcomes Bill Elder back after recuperating from a recent eye operation.

**WEDDING BELLS:** Dottie Teague, Electrical Office, was married in New York on July 22 to Major Irving L. Pollet. Major Pollet has just returned from two and a half years in New Guinea.

**MISCELLANY:** Jack Nielson has left Full Scale Tunnel to become one of Uncle Sam's boys.... Frances Leigh and Kay Desander, Files, flew to Washington over the week-end to visit Mary Ann Bartoshesky, formerly of Files.... Phyllis Reitheimer and Jerry Heiser, 16-Foot, have returned from a loooong week-end at Phyllis' home in Philadelphia.

**VISITORS:** The AEKL editions of the Braig family, Eugene, Administrative Officer, and Roswell, Procurement Officer, visited the Lab this week.

## STILL GOING UP

The latest report from the Bond Office says that cash sales in the Invasion Loan Drive have reached an unprecedented high of \$114,700. All sales made before Tuesday, August 1, will add to the total figure.

**WANTED:** A 35 mm. camera. Contact Dave Ullman, Reproduction, 209.

**FOR SALE:** A 1936 Dodge Coupe. Price \$175. Contact G. W. Poythress, West Machine Shop.

**LOST:** A Chi Epsilon Civil Engineering honorary key. If found, please contact Gus Boughan at 216.

**WANTED:** A twin lens, reflex camera. Contact Dick Everett, Dynamic Tunnels Operation Shop, 246.

**FOUND:** A new raincoat was left in the Citizens National Bank of Hampton after pay day on Thursday, July 20. Owner may contact the bank.

**WANTED TO TRADE:** A man's bicycle in exchange for a \$25 war bond. Contact Dwight McSmith at Hampton 6661.

**FOR RENT:** Half of a double garage, contact Mrs. Warner Ferguson, 445 Newport News Ave., telephone 5475.

**LOST:** A pair of horn rimmed glasses. If found contact Ruby Allen, phone 329.

Have you been sunburned this summer? Chances are good that if you have spent a week-end or even a day at the beach, the answer is yes.

Sunburn has taken first place among the many hazards of summer playtime, due to prolonged exposure. This generally happens when Joe lays down on the beach and goes to sleep or when Susie tries to work up that "glorious tan" in one sitting. It should also be remembered that over exposure may occur even on a cloudy day, and if it does, the damage may be greater because you don't suspect what is going on. Also, the liability to burn is increased when on the surface of the water, due to the reflection of the sun's rays from the water.

All in all, a bad case of sunburn can be pretty painful. It can keep you away from work for several days, and in extreme cases, result in severe illness.

Of course, the best answer is to stay out of the sun, but if you desire, as who doesn't, an overall complexion of one of the many shades between dark yellow and golden brown, here are a few preventions and several cures.

### Take It Gradually

Application of olive oil, cocoa butter, or some good commercial burn ointment before exposure is of considerable help. If the damage is already done, and your back is taking on the appearance of a broiled lobster, try Calamine lotion which soothes and does not stain the clothes. A burn ointment that is very good is a wet dressing of Epsom salt solution. If blistering is extensive, a dressing of sterile gauze should be used, and if the burn covers a considerable area of the body or a fever develops, send for the doctor.

**RIDERS WANTED:** Dorothy Hall, Library, is driving to Dothan, Alabama sometime after August 1 and would like riders to share expenses.