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810-812 SYCAMORE STREET
CINCINNATI, OHIO

February 29, 1940

Mr. Forrest C. Allen,
Director of Physical Education,
University of Kansas,
Lawrence, Kansas

Dear Sir:

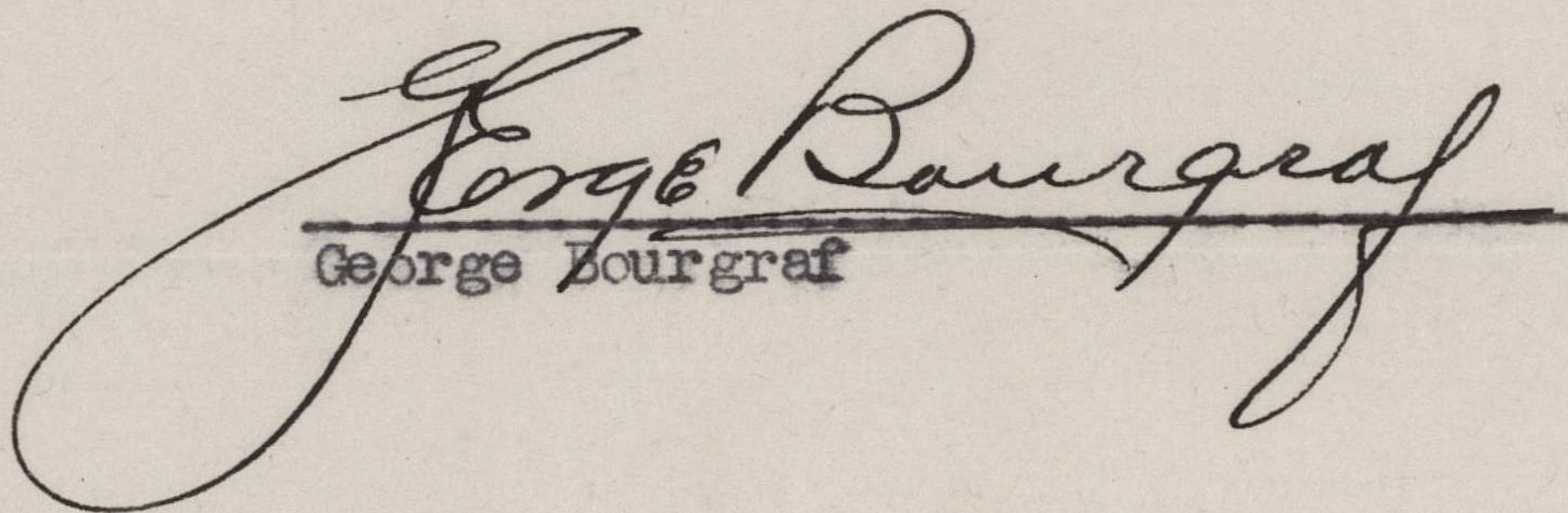
I want to thank you for your letter of February 26th to which you attach data concerning the suggested trials of the '8 foot radius circle' in a basketball game.

I shall continue to be interested further in any action that would prove this suggestion as practical. Personally I am certain it would be an improvement and make for a much more interesting game of basketball from the spectator's standpoint.

Thanking you for the interest you have shown.

Sincerely yours,

GB:JL


George Bourgraf



CINCINNATI DIVISION

February 19, 1940.

Mr. E. J. Hickox,
Springfield College,
Springfield, Mass.

Dear Mr. Hickox:

I have your letter of the 15th instant, and regret to learn that you have not yet had an opportunity to actually try out the new backboard. I am writing the Medart people asking that they try to get it to you in a short time.

I am glad to know that you are in favor of the smaller board.

Very sincerely yours,

Chairman, Research Committee, N.C.A.A.

NATIONAL BASKETBALL COMMITTEE

of the UNITED STATES and CANADA

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OSWALD TOWER

Research
FORREST C. ALLEN

Questionnaire
H. V. PORTER

Game Administration
SUMNER A. DOLE

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SECRETARY, H. V. PORTER
11 S. LaSalle St., Chicago, Illinois

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Stanford Univ., Palo Alto, Calif.

TREASURER, FLOYD A. ROWE
Board of Education, Cleveland, Ohio

EDITOR, OSWALD TOWER
Andover, Massachusetts

Feb. 15, 1940

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347 Madison Ave.
New York, New York

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Palo Alto, California

Forrest Cox
Colorado University
Boulder, Colorado

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M. C. Cunningham
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Cleveland, Ohio

J. W. St. Clair
Southern Methodist Univ.
Dallas, Texas

H. H. Salmon, Jr.
40 Wall St.
New York, New York

Oswald Tower
Andover, Massachusetts

Dr. Forrest C. Allen
Chairman Research Comm
Kansas Univ.
Lawrence Kan.

Dear Doctor Allen:

The Backstop sent out to be tried in New England has rested at Worcester Poly and I have not had a chance to try it out here. Mr. Schabinger expected it to be sent on to us but so far we have not had it.

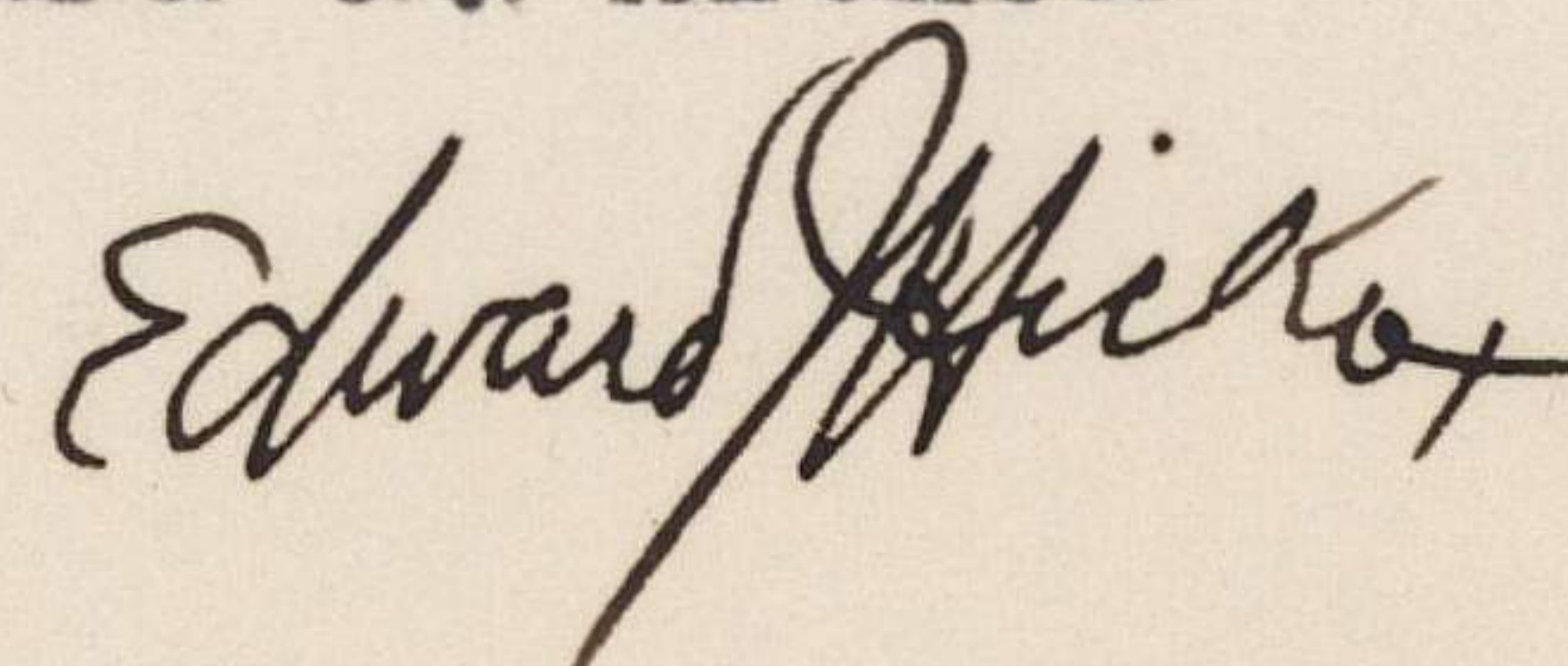
However as I saw it at Harvard and made mental notes I am ready to give my approval to the idea and especially to the idea of a smaller board which will give all the surface we need but will not needlessly interfere with the view of those sitting behind the board during games. Even if no change were made further than to reduce the area and keep a plane surface I feel it would be an advance over the present six feet by four feet flat face.

Perhaps even yet the board will be sent us from Worcester in time to really try it out.

Count me in favor of reduced size and ~~best~~ shape to best meet conditions.

Sincerely yours

Edward J. Hickox



Size of Basketballs

Circumference of 32 inches equals a diameter of 10.186 inches

Circumference of $29\frac{1}{2}$ inches gives a diameter of 9.39 inches

Circumference of 29 inches gives a diameter of 9.23 inches

Difference ~~between~~ between $29\frac{1}{2}$ and 29 inch balls
in diameter is .16 of an inch.

Lawrence, Kansas
February 3, 1940

Mr. H. V. Porter,
11 S. LaSalle St.,
Chicago, Illinois.

Dear Mr. Porter:

There was an error in transcribing the reply I sent you which should have read as follows: On No. 9 I see difficulty because you would encourage fouling near the division line. They would form a tight wall across there and stop your drive.

If my letter was ambiguous about the fouls near the division line being called technical fouls, I say we should not change that rule, because such a rule would definitely encourage fouling near the division line. If you permit a personal foul to be called a technical foul anywhere in the back court you would encourage holding, and I would be definitely against such a rule.

I believe I understand what is back of the rule. Too many coaches are protesting against the four personal foul law of disqualifying a player from the game. I am still for the four personal fouls disqualifying a player because if you ease up on that you would encourage fouling.

I might say that I believe these questions of yours are very apropos and should be put on the list. Yes, I answered this questionnaire so that you might see that in my opinion most of the changes were meeting with favor.

I would like to know what you think regarding the tolerance of bounce of a basketball. I think it is entirely too active, and while some coaches want to make the goal larger, I believe if we reduce the resilience that many balls that now hop out will stay in. Then I thought if we could get something on floor resilience we could correct some terribly floors that are more harmful now than any other part of the basketball court.

We are getting pretty good illumination, more rapid backboards, and the playing floor facilities are pretty good with the exception of some very spotty and inferior floors. It seems to me we should turn some attention on this very important phase of the game.

Very cordially yours,

Director of Physical Education and Recreation,
Varsity Basketball Coach.

FCA:AH

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Board of Education, Cleveland, Ohio

EDITOR, OSWALD TOWER
Andover, Massachusetts

January 29, 1940

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Lawrence, Kansas

Mr. F. C. Allen
Univ. of Kansas
Lawrence, Kansas

John Brown, Jr.
347 Madison Ave.
New York, New York

John Bunn
Stanford Univ.
Palo Alto, California

Dear Mr. Allen:

Forrest Cox
Colorado University
Boulder, Colorado

J. H. Crocker
Univ. of Western Ontario
London, Ont., Canada

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Desloge, Missouri

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Dallas, Texas

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40 Wall St.
New York, New York

Oswald Tower
Andover, Massachusetts

I appreciate having your detailed letter relative to material for the questionnaire. I think it will be possible to incorporate most of your suggestions in the questionnaire. I note that you have given your opinions relative to the topics mentioned in this material. Of course, I think you understand that the purpose of this was not so much to get the opinions of the members on these questions as to get their opinions as to whether such materials should be included on the questionnaire. I assume that you gave your own answers to these topics in order that the Questionnaire Committee might have a sample of what may be expected in the way of an understanding of these topics. This should be helpful in eliminating ambiguities.

There is one part of your letter that may be a typographical error. At any rate I am not able to properly interpret it. It deals with the following proposal of my letter:

1. Consider any foul (not flagrant) committed against a player who is in his back court as a technical foul.

In your letter you answer as follows: "I say 'Yes' definitely, because you would encourage fouling near the division line. They would form a tight wall at the line and stop your drive." Is there a mistake in this answer? Please let me have a line which will outline your point in greater detail.

Yours truly,

H. V. Porter

Secretary

HVP/j

Lawrence, Kansas
February 7, 1940

Mr. H. V. Porter,
11 So. LaSalle St.,
Chicago, Illinois.

Dear Mr. Porter:

Answering your communication of recent date regarding the tentative copy for the 1940 questionnaire, there are only two things that I would suggest for your consideration as additions.

I believe that it would be well under Rule 5, Section 4, to permit a player who has left the game, except for disqualification for four personal fouls or for other disqualifications, to re-enter the game three times instead of twice. This would enable a fatigued individual to be taken out and placed back one more time than the rule now permits. The game has become so strenuous that I believe this would be helpful.

Also, in regard to the strenuousness of the game, there is a definite feeling that the center jump should be brought back in some fashion. Do you not think it would be a good idea to ask a vote on the possibility of restoring the center jump, either as a rotation jump like the batting order in baseball, or some scheme that would be different than the old rule?

Certainly the new rules, with their war-cry basketball of shuttling up and down the floor, are coming in for a lot of criticism. This is not one of my hobbies, as I have only one, and that is elevating the baskets two feet. Just think of the sins that we have got in the way of prohibitions on account of the ten foot basket.

Very sincerely yours,

FCA:AH

Chairman, 5th District, N.C.A.A.

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January 15, 1940

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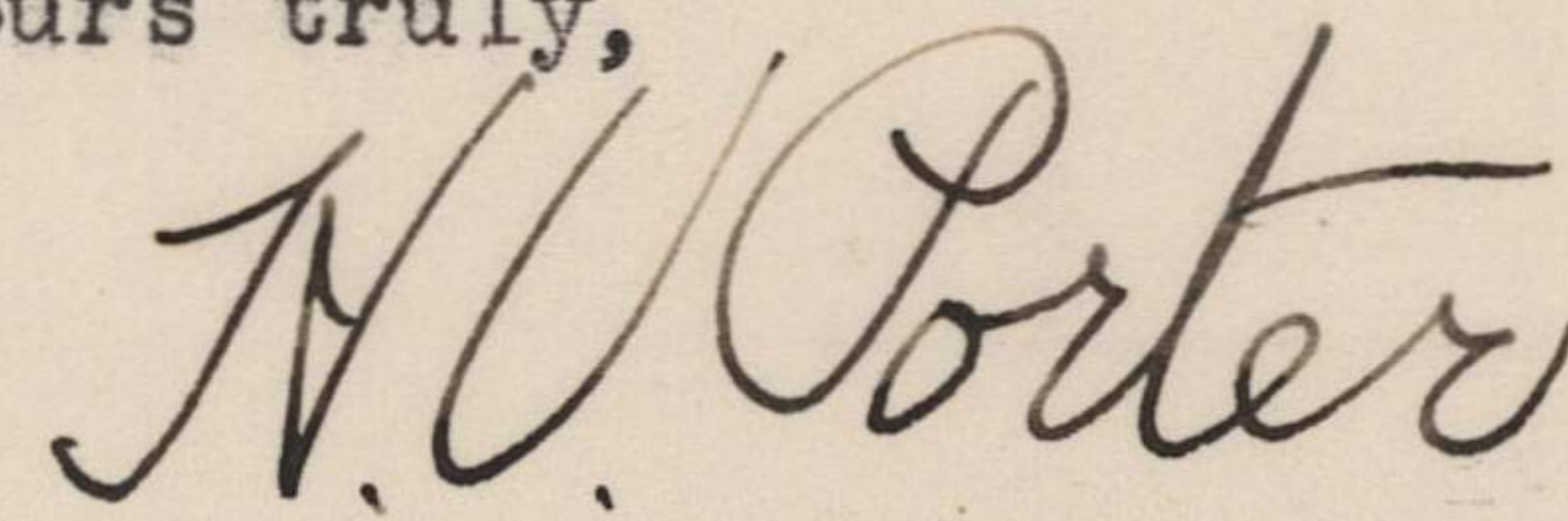
Mr. F. C. Allen
University of Kansas
Lawrence, Kansas

Dear Mr. Allen:

We may be able to gather some statistics relative to floor resilience.
I will keep you posted and supplied with any data which may be collected.

I note your question about the board diagram. The work we are doing is on a board with a flat surface and of the size and shape indicated on the diagram. You will note that the shape and dimensions are in accordance with the larger of the two diagrams which were shown on page 47 of the coaching school edition of the basketball book. You will recall that these are the dimensions which were sanctioned last spring by the National Committee for experimental use.

Yours truly,



H. V. PORTER, Secretary

HVP/j

Please go over these suggestions and let me have your reaction to them along with any other suggestions for material that would be helpful in the questionnaire. If I do not hear from you in a reasonable length of time, I shall assume that you have nothing to suggest. After all suggestions are tabulated, they will be presented to the Questionnaire Committee and the final questionnaire will be made up in accordance with the wishes of that committee.

January 18, 1940

To Members,
National Basketball Committee:

If the annual questionnaires are to be effective they must be printed in time for distribution before the various tournaments. It always requires considerable time for the preliminary work which must precede the actual printing of the questionnaire. Consequently, I am urging that you give immediate attention to the suggestions in this letter.

The questionnaire should probably contain a check up on sentiment relative to the following changes which were made last year.

- OK 1. Whether permitting any player to take time out is satisfactory.
- OK 2. Whether permitting the offended team to keep possession after a technical foul is satisfactory.
- OK 3. Whether permitting a team to waive a free throw for a personal foul is satisfactory.
- OK 4. Whether the awarding of two free throws in all cases when a player who is in the act of throwing is fouled from behind is satisfactory.
- OK 5. Whether the rule concerning missing the ring on a free throw is satisfactory.
- OK 6. Whether a mandatory four-foot end space is satisfactory.

Here are other topics which might have value on the questionnaire:

- yes 1. Should a plane surfaced backboard of the size and shape sanctioned last spring be made legal for any group which might choose to install it?
- yes 2. Should a modified board with a convex surface be made optionally legal?
- maximize 3. Should the tolerance in bounce of a basketball be reduced and what is the best bouncing height?
- 49 4. Should college games be played in ten-minute quarters?
- yes 5. Is the problem of tall players sufficiently serious to warrant consideration of higher baskets?
- no 6. Should the number of jump balls be further reduced by
 - a. Awarding ball to the offensive team, if it is in the air on a try at the end of a quarter and is not successful.
 - b. By awarding ball to the team on defense, if they cause a held ball outside the lane or center restraining circle?
- no 7. Should the three-second lane rule be eliminated for narrow courts?
- no 8. Permit a player to enter any number of times.
- yes 9. Consider any foul (not flagrant) committed against a player who is in his back court as a technical foul.
- no 10. Should a penalty be assessed for diving?

Yours truly,

N. U. Porter

Secretary, Questionnaire Committee

CHAIRMAN, H. H. SALMON, JR.
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VICE-CHAIRMAN, JOHN BUNN
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Board of Education, Cleveland, O.

EDITOR, OSWALD TOWER
Andover, Mass.

NATIONAL BASKETBALL COMMITTEE of the UNITED STATES AND CANADA

1939 ANNUAL QUESTIONNAIRE

This questionnaire is sent annually to representative basketball men in order that their views may be presented at the annual meeting of the National Committee. The Committee will be grateful if you will check these answers and

RETURN THE QUESTIONNAIRE PROMPTLY to.....

The Committee Member or State Athletic Officer whose name appears above will send all replies received up to March 20th to the Secretary of the Committee, 11 South LaSalle Street, Chicago, Illinois.

PART I. Concerning rule changes made last spring:

NOTE: Vote yes or no on general principle involved. Suggestions for slight modifications may be made in Part III or on back of sheet.

1. Is the rule which prohibits a substitution after a goal satisfactory? Yes..... No.....
2. Are length and number of time-outs and intermissions satisfactory? Yes..... No.....
3. The removal of the three-second limitation for player in the outer half of the circle without the ball has resulted in: (a) A better game..... (b) A worse game..... (c) No noticeable difference.....
4. Have you had direct experience with a court having the end line four feet behind the backboard? Yes..... No.....
If the answer above is 'Yes', check the following:
(a) Were there fewer out of bounds balls? Yes..... No.....
(b) Was the space often used for tries for goal? Yes..... No.....
(c) Was there less crowding after rebounds? Yes..... No.....
(d) Were visiting teams noticeably handicapped? Yes..... No.....
(e) Do you recommend encouraging use of the four-foot space? Yes..... No.....
5. Is the rule which prescribes the "sudden death" method in the first overtime in high school games satisfactory? Yes..... No.....

PART II. Concerning general trend of game:

6. The present average total score for High School play is 55 points and for College 70 points. This is (a) About right..... (b) Too low..... (c) Too high.....
7. (a) The interpretation of "travelling" rule is (1) About right..... (2) Too loose..... (3) Too rigid.....
(b) Use of a zone defense is (1) About right..... (2) Too great.....
(c) Officiating in my locality is (1) About right..... (2) Too loose..... (3) Too strict.....
8. The most desirable color: (a) for court lines is black..... red..... white..... broken black and white.....; (b) for fixtures which attach basket ring to backboard is black..... white.....; (c) for ball is tan..... white.....
9. Do you favor conference experimentation with:
(a) A smaller fan shaped backboard? Yes..... No.....
(b) Basket without a backboard? Yes..... No.....
(c) A basket ring 10 or 12 inches from the backboard? Yes..... No.....

(d) A heavier basket ring? Yes..... No.....

(e) A short metal chain basket net? Yes..... No.....

10. Is "face guarding" causing enough difficulty to warrant further restriction? Yes..... No.....

PART III. Concerning rules for 1939-40:

11. Do you favor allowing the offended team to keep possession after: (a) a successful free throw following a deliberate personal foul? Yes..... No.....; or (b) after any throw following a deliberate technical foul? Yes..... No.....
12. Do you favor a method of timing whereby the clock would be stopped each time the ball is dead (with proper shortening of periods)? Yes..... No.....
13. Do you favor a ball that bounces near the present: (a) Minimum 48".....; (b) Maximum 55".....; or (c) Median 52".....?
14. Do you favor making it a violation when an unsuccessful free throw misses the ring even though it touches the backboard? Yes..... No.....
15. (Check this only if you are connected with College or Independent games)
(a) College and Independent games should be played in 10-minute quarters. Yes..... No.....
(b) College conferences should be urged to experiment with baskets 12 feet above the floor. Yes..... No.....
16. (Check this only if you are connected with Junior or Senior High School games)
(a) Have you had actual experience with the 29" ball? Yes..... No.....
(b) Do you favor use of the 29" ball for Junior High School? Yes..... No.....
(c) Would you favor permitting optional use of a 29" ball for Senior High School play? Yes..... No.....
17. Assuming that proper safeguards would be made against any sudden compulsory use of equipment whose use would involve considerable expense, do you favor permitting the optional use of:
(a) A backboard with several inches removed from the lower edge? Yes..... No.....
(b) A transparent backboard with small area behind basket painted white? Yes..... No.....
18. Deliberate pushing of a player in the act of throwing for goal should result in additional penalty for the unsportsmanlike phase of the foul? Yes..... No.....
19. Reverse side may be used for comments.

QUESTIONNAIRE COMMITTEE

F. C. Allen - J. H. Crocker - H. D. Edgren
W. E. Meanwell - Oswald Tower - H. V. Porter, Chr.

Signed:.....(Coach.....) (Official.....) (Administrator.....) (Other.....)

Institution Represented: College..... High School..... Y. M. C. A..... Other.....

City..... State.....

February 2, 1940

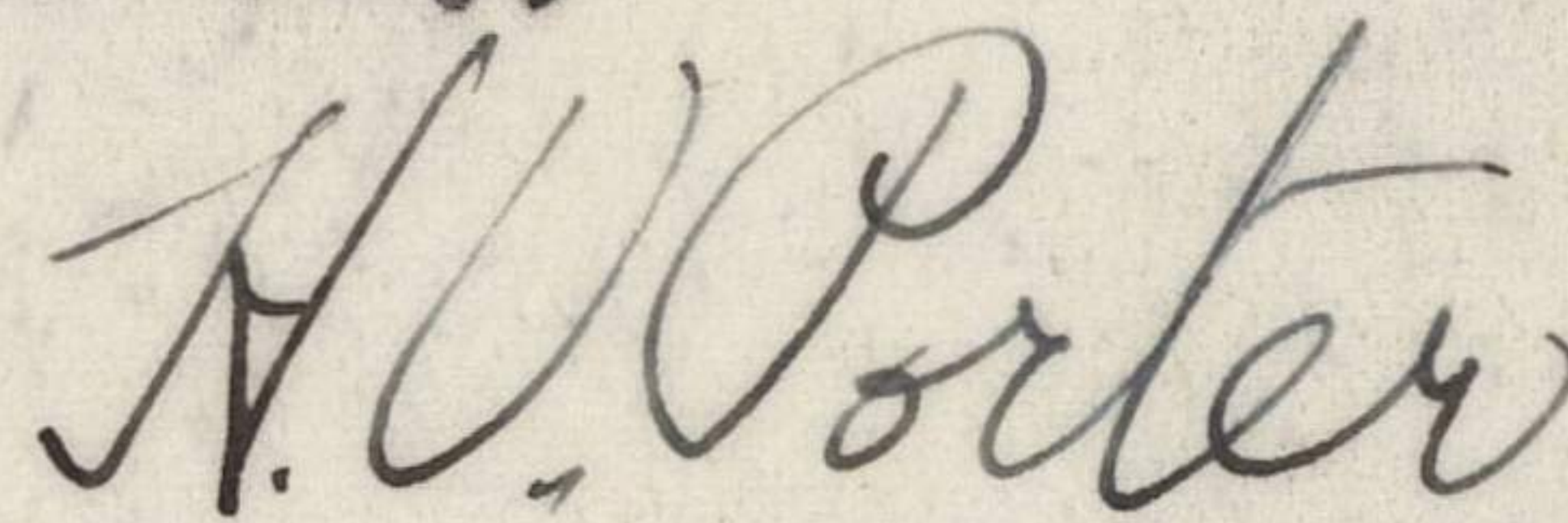
To Messrs. F. C. Allen, Lawrence, Kansas
J. Mark Good, Williamsport, Pa.
A. F. Jefferess, Hamilton, Ont., Canada
H. G. Olsen, Columbus, Ohio
Oswald Tower, Andover, Mass.

Gentlemen:

Enclosed is tentative copy for the 1940 questionnaire. I have attempted to incorporate the ideas received from all members of the National Committee. I wish you would study this and at your earliest convenience, let me have any suggestions relative to improvement of wording or arrangement or suggestions for additions.

Unless I hear from you within a couple of days after you receive copy, I shall assume that you have no further suggestions and will go ahead with the printing.

Yours truly,



H. V. PORTER,
Secretary, Questionnaire Committee

HVP/j
Enc. 2

1940 ANNUAL QUESTIONNAIRE

PART I. Concerning rule changes made last spring:

1. Any player may request a time-out. Is present rule satisfactory? Yes No
2. After a technical foul, the throwing team keeps possession at mid-court. Is present rule satisfactory? Yes No
3. A captain may waive the free throw and take the ball at mid-court after a personal foul. Is present rule satisfactory? Yes No
4. When a player in the act of throwing is fouled from behind, two free throws are always awarded.
 - (a) Has this rule been properly enforced? Yes No
 - (b) Has it tended to eliminate the deliberate push in the back? Yes No
 - (c) Is present rule satisfactory? Yes No
5. On a free throw for personal foul, it is a violation when the ball does not go through or touch the ring before touching a player. Is present rule satisfactory? Yes No
6. Is the present rule on the four-foot end space satisfactory? Yes No

PART II. Concerning general trend of game:

7. Molded Type Ball:
 - A. As compared with the ball with sewed seams, the molded type ball is (1) More satisfactory (2) Equally as satisfactory (3) Less satisfactory
 - B. The best bouncing reaction of a ball is: (1) Minimum 49" Maximum 54"
Median 51" to 52"
8. What percentage of the courts on which you play have: (1) Poor lighting %
(2) Slick floors % (3) Ragged nets % (4) Less than four-foot space behind backboard %
9. Do you favor encouragement of experimentation with:
 - (a) Baskets without a backboard? Yes No
 - (b) Baskets 11 or 12 feet high? Yes No
 - (c) Free throw lanes 8 feet wide? Yes No

PART III. Concerning rules for 1940-1:

10. Assuming that proper safeguards would be made against any sudden compulsory use of equipment whose use would involve considerable expense, do you favor permitting the optional use of:
 - (a) A flat surfaced backboard with several inches removed from the borders and with upper edge circular? Yes No
 - (b) A convex surfaced board with shape as in (a). Yes No
11. (Check this only if you are connected with College or Independent games)
College and Independent games should be played in 10-minute quarters. Yes No
12. Should the number of jump balls be reduced by
 - (a) Awarding ball to the offensive team, if it is in the air on a try at the end of a quarter and is not successful. Yes No
 - (b) By awarding ball to the team on defense, if they cause a held ball outside the lane or center restraining circle? Yes No
13. (Check this only if you are connected with High School games)
Remove restriction on number of times a player may enter during first three quarters and permit only one re-entry during the fourth quarter and during each overtime period. Yes No
14. Following a successful field goal or successful last free throw for personal foul:
 - (a) Start watch as soon as goal is made. Yes No
 - (b) Remove right of either team to take charged time-out. Yes No
 - (c) Permit substitution after any goal. Yes No
15. Consider any foul (not flagrant) against a player who is in his back court as a technical foul. (Note that penalty for technical foul is more severe than formerly.)
Yes No
16. Reduce bouncing tolerance of a ball from the present 5 inches to 3 inches. Yes No
17. If any section of the rules needs to be clarified or amplified state which. Use reverse side for additional comments.

December 15, 1939

To Members,
National Basketball Committee:

For the last several years we have been fortunate enough to be able to secure accurate statistics from hundreds of basketball games. These have given us the basis for scientific study in connection with any given phase of the game. The statistics become increasingly valuable when they are compared with similar statistics for other years. In an attempt to continue this work on a national basis, each of the state associations is being supplied with statistical sheets upon which they may easily collect data.

It occurs to me that all members of the committee should be interested in this type of work and many of the members are in a position to collect statistics of their own along these lines. With this thought in mind, I am including blank forms which may prove to be helpful in work along this line.

With best wishes for a happy holiday season and a successful basketball season, I am

Yours truly,

N. U. Porter

Secretary

HVP/j
Enc.

SUMMARY OF 1940 TOURNAMENT DATA

NOTE: Please return immediately after the tournament.

Data is desired for each state sponsored tournament. This material is used for comparison with similar material of other years and is a good index of the trend of the game in the various sections of the state. Please appoint responsible statisticians so that this data will be accurate.

DATA TO BE SECURED FROM SCORE BOOK:

Name of Tournament: _____ State: _____

Size of Court: _____ No. of Games: _____

Which ball was used? Wintark _____ LastBilt _____ Riddell _____
Bouncing reaction was 49" _____ 52" _____ or 54" _____. Was the end line 4 feet behind backboard? _____

Average score for all winners: _____ For all Losers: _____

Average number of personal fouls per game (Total for both teams): _____

Average no. F.T. awarded for these: _____ % made: _____

Average no. times per game a player was removed for four Personal Fouls: _____

Average no. charged time-outs per game (total for both teams): _____

Data to be Collected by First Statistician:

Average no. of personal fouls made by Offensive team: _____

Average no. cases of traveling (include illegal dribble): _____

Average no. of two-hand tries for field goal: _____

% of two-hand tries that were successful: _____

Average no. of one-hand tries for field goal: _____

% of one-hand tries that were successful: _____

Data to be Collected by Second Statistician:

Average no. jump ball situations (include center jumps): _____

Average no. times ball was thrown in from out-of-bounds at the end: _____

(Do not include throw-in after any goal)

Average no. times ball was thrown in from out-of-bounds at the side: _____

Average no. of fumbles per game (Count times when ball was lost in dribble other than when batted away by opponent and times when player received pass in both hands but failed to hold it): _____

Average no. times free throw was waived to keep possession: _____

WORK SHEET FOR EACH GAME

(First Statistician)

Game Number: _____ Teams: _____ vs. _____

Personal Fouls by Offensive Team: _____

Cases of Traveling (Include Illegal Dribble) _____

Tries for Field Goal (Indicate try by \odot . Insert x (\otimes) if successful.

2-hand tries: _____

1-hand tries: _____

(Second Statistician)

Game Number: _____ Teams: _____ vs. _____

Jump Ball Situations (Include center jumps): _____

Times Ball ¹hrown in From Out of Bounds: At the Side: _____

At the End: _____

Number Fumbles (Count times when ball was lost in dribble other than when
batted away by opponent and times when player received pass in both hands
but failed to hold it): _____

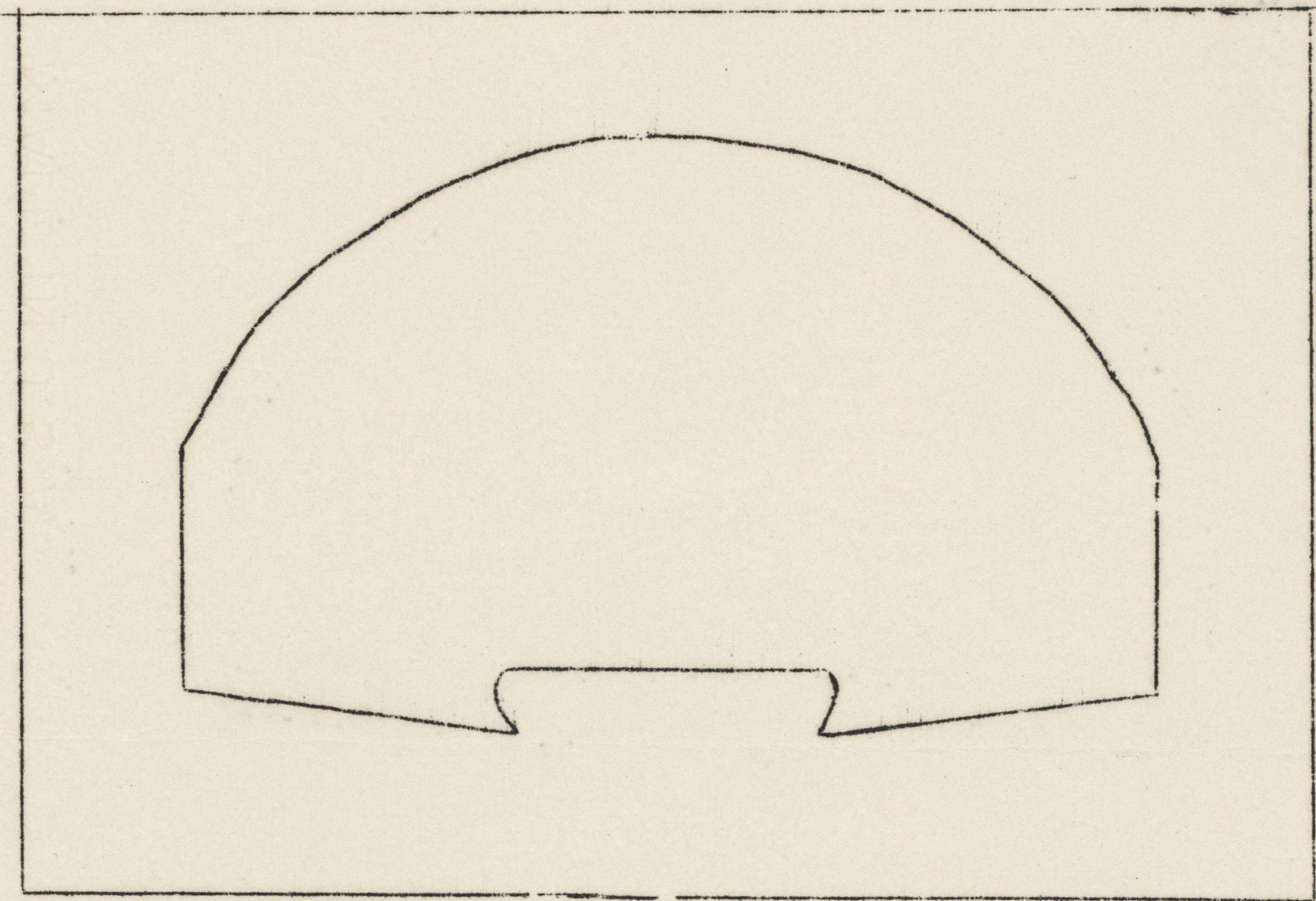
Number Times Free throw was waived to Keep Possession: _____

USE OF BACKBOARD

For one or more games, please appoint responsible statisticians to gather data on the use that is made of various parts of the backboard.

PREPARATION: Statisticians should train themselves by making test observations to become familiar with the surface of the present backboard which is included in the proposed board shown in dotted lines on page 47 of the rules book. With practice, the observer should be able to estimate the spot on the board where the ball strikes.

METHOD: In gathering data, a dot should be entered in the proper place on the diagram each time the ball strikes the backboard. If the ball caroms into the basket for a goal, a small cross should be placed over the dot. If the ball strikes the edge of the board, a check mark should be placed outside the board diagram at the proper place.



November 25, 1939

To Members,
National Basketball Committee:

I am enclosing several sheets on which statistics may be collected. These are being used by a number of groups and it occurs to me that members of the committee might be interested in knowing of this activity and might choose to collect similar statistics.

I am also enclosing a sheet which outlines a program which has been followed by a number of the state high school groups. There may be something in this program which will be of service to members of the committee who may be called upon to conduct interpretation meetings.

Yours truly,

A. U. Porter

Secretary

HVP/j
Enc.

TO DETERMINE OPTIMUM BALL REACTION

General Instructions: Secure one or more types of molded ball and inflate to pressure that will make ball bounce 50" (measured to top) when dropped six feet (measured to bottom).

Use ball for a given length of time in a game or for shooting or passing drills. Then inflate ball so that it will bounce 52" and use for same length of time. Repeat for 54". Collect data as follows.

School: _____ Town: _____

Signed: _____

Data on Ball Reaction

General Statement of How Experiment was Conducted: _____

Name of Ball: _____ Pressures used 1 (50") _____ 2 (52") _____

3 (54") _____

	At 50"	At 52"	At 54"	Any Other
Number of fumbles:	_____	_____	_____	_____
% Field Goals made:	_____	_____	_____	_____
% Free Throws Made:	_____	_____	_____	_____
No. times possession changed:	_____	_____	_____	_____
No. times ball was out of bounds (Do not count after goal)	_____	_____	_____	_____

Your opinion based entirely on observation:

Which reaction seemed to be most satisfactory to players? _____

Which produced the most interesting game? _____

If there was any noticeable difference in crowding under basket or accuracy and speed of dribbler, state what: _____

What do you consider the optimum bounce? _____

MODIFIED BACKBOARD DATA

1. Possible Plans:

- a. Use present board but paint with a water base paint the area as indicated in larger diagram on page 47 of the guide.
- b. Have manual training department make board of the new proposed size and shape.
- c. Secure new board with curved surface and use on cross court or for a demonstration game by mutual agreement.

DATA

1. Was plan 1, 2 or 3 used? _____ Length of time used: _____ Brief statement of activity: _____

2. Number times a try missed modified board in such a way that ball would have rebounded from official board: _____
3. Number times a run-under try was made when ball would probably have hit lower edge of official board to ruin try: _____
4. Number times a try was made from the end area: _____

General Observations

Was there any appreciable effect on the confidence of a shooter after having used this board for practice? _____

What was the effect on general appearance of the court? _____

Did visiting players appear to be handicapped by the modified board? _____

Was there any noticeable difference in the accuracy on free throws? _____

Long shots? _____ Short shots from under the basket? _____

Was there any tendency for more play in the area behind the backboard? _____

What was the general attitude of the spectators toward the modified boards? _____

Signed: _____ School: _____

City and State: _____

NOTE: Anyone who desires to attempt this experiment will be supplied on request with sheets on which the proposed new backboard is diagrammed.

1939 DISTRICT BASKETBALL INTERPRETATION MEETINGS

Suggested Program

- 8:00 Call to order by local manager. (Note: An attendance record should be kept by someone stationed at the door at a registration table.) -- Introduction of any officer of the state association who may be present and of men new to the district. Announcement of nearby meetings.
- 8:15 Rapid fire three-minute comments: (a) The best officiated game I ever saw. (b) The best officiating treatment I ever received. Provide Timer with gun or gong.
- 8:35 Raising Some Rules Problems (See "New Rule Reminders" and "Information Please") and discussion of Rule Changes for 1939....by State Office Representative.
- 9:20 Discussion of Selected Sections of the Rules. Timer's gong at 10:00 sharp.

Reminders

1. For administering three-second rule: A team is in control during possession, a dribble, or a pass as long as there is a reasonable chance of completion by a teammate. A player is in control during possession or a dribble. The free throw line is restricted area during control by either player or team.
2. The use of substitution slips is desirable. They will conserve time and prevent mistakes. Official will signal (usually a nod) for substitute to enter.
3. If a player stands on one side of the division line and bounces the ball in a dribble on the other side, the ball changes its court location.
4. When a three-second count is started on a player who has one foot in the unrestricted area, it continues until both feet are on the floor in the unrestricted area unless loss of control removes the restriction.
5. The initiative in exercising the option of taking the ball at mid-court after a foul must be taken by the Captain. The official should immediately take the ball to the free throw line unless the Captain requests the option.

Information Please !!

1. Penalty is declined when: (1. Player takes ball at mid-court after technical foul calling for one throw.) (2. Player takes ball at mid-court after personal foul calling for one throw.) (3. A1 scores on free throw but B1 is in lane too soon.) (4. A1 is fouled while attempting try but continues arm motion to score.) (5. On jump ball in lane, A1 taps ball in basket and B2 crosses circle too soon.) (6. On jump ball in lane, A1 taps ball in basket and B1 leaves jumping position before the tap.) (7. A1 tries and while ball is circling ring B1 touches net or ring but ball goes in.) (8. On free throw by A1, B1 waves arms to disconcert the thrower but ball goes in.) (9. When A1 illegally returns ball to back court, A2 touches it and B1 recovers.)
2. A1 receives pass while standing on division line. Ball is in (front) (back) (may be either) court. (a) While so standing, he dribbles ball once in front of the line and then holds it. (Legal) (Violation) (Ball is in back court during entire time) (b) From original position he dribbles along line with feet coming to the floor alternately behind and in front of the line but ball does not touch hand at same time foot touches floor in front of the line. (Legal) (Violation) (Legality depends on whether ball always strikes on line.)
3. A1 has a clear path to the basket. While he is in the act of throwing, B1 pushes him in the back. The ball goes in the basket. (a) If act is clearly deliberate: (1. One free throw should be awarded.) (2. Two free throws should be awarded.) (3. Player should be disqualified for flagrant unsportsmanlike conduct) (b) Penalty if intent is not clear
4. While A1 is in the act of shooting, B1 fouls from behind. A attempts first throw and elects to take the ball at mid-court instead of attempting the second. While ball is being taken to sideline: (a) B2 commits a foul. (1. Always award one free throw to A and force them to take ball out of bounds.) (2. A may choose to attempt two more free throws), or (b) A3 commits a foul. (1. Center jump after last throw.) (2. A1 must attempt another throw.) (3. Award free throw to B and then allow A to take ball out at sideline.)
5. Substitution may originate at the bench (1. When held ball has been declared.) (2. Whenever a field goal is scored provided substitute desires a charged time-out.) (3. After the first of a multiple throw.) (4. When, after a field goal, the official takes time-out to confer with the scorer and substitute desires a charged time-out.) (5. While A is preparing to throw ball inbounds after exercising the option of keeping ball following a foul.) (6. When free throw passes under the ring.)

The University of Oklahoma
Norman, Oklahoma

INTERCOLLEGIATE ATHLETICS

Game	Time consumed in bringing ball across division line after goal.			Number of held balls.			Total	Number of goals scored after jump ball.
	No. of trials	Total time (sec.)	Average time (sec.)	End circle	Center circle	End Circle		
O. U. - Iowa State Norman	43	157	3.41	3	2	8	13	0

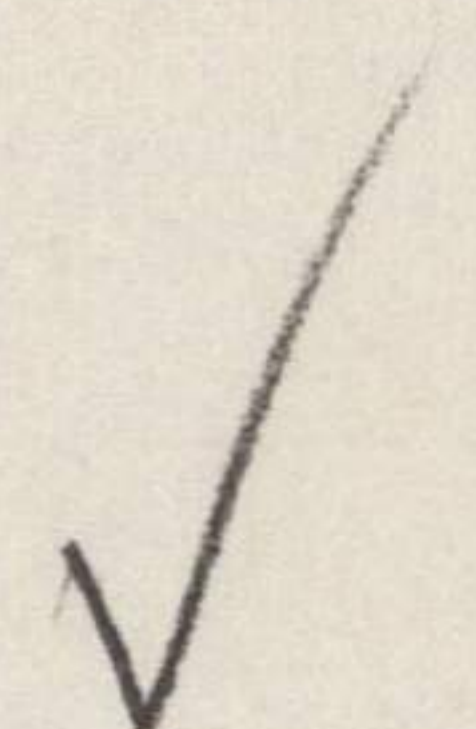
Dear Phog:

The red light goals will be up for our game
and I hope the electricions can keep them lighted.

Sincerely yours,

Mac
Mac S.L.

H.V. Mc./ sl



IOWA STATE COLLEGE
OF AGRICULTURE AND MECHANIC ARTS
AMES, IOWA

DEPARTMENT OF PHYSICAL EDUCATION
FOR MEN

January 12, 1938

Dr. F. C. Allen
Basketball Coach
University of Kansas
Lawrence, Kansas

Dear Doc:

The following is the result of the statistics you asked for on our first conference game.

First Half: Iowa State basket--three held balls--center one held ball--Kansas State basket--one held ball.

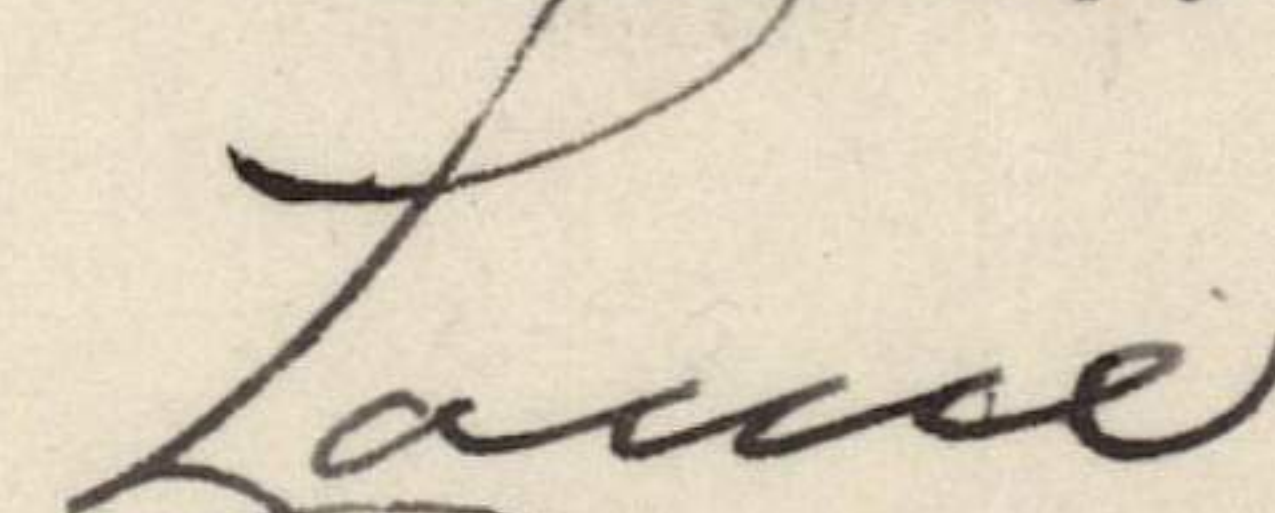
Second Half: Iowa State basket--two held balls--center one held ball--Kansas State basket--three held balls.

No baskets were made in either half as a direct result of a held ball.

I did not get your letter asking for a check to determine the time consumed in bringing the ball across the division line after a goal or a free throw. Your letter read "after a foul goal or a free throw", but I wonder if you do not mean "after a field goal or a free throw". I will check this information in our other conference games.


Don't be too hard on us Saturday night.

Sincerely,



L. E. Menze
Basketball Coach

LEM:JH



KANSAS STATE COLLEGE
OF AGRICULTURE AND APPLIED SCIENCE

DEPARTMENT OF
INDUSTRIAL JOURNALISM AND PRINTING
MANHATTAN, KANSAS

January 12, 1938

Dr. F. C. Allen
Basketball Coach
University of Kansas
Lawrence, Kansas

Dear Doctor Allen,

I am mailing the statistics you desired for the Kansas-Kansas State game here last night.

With a stop watch, the time to bring the ball from out of bounds after a goal across the division line averaged 5.7 seconds. Ranging from 2.5 seconds up to 12, the 28 trials required 160 seconds, or an average of 5.7.

In regard to held balls, there were 3 at the center ring, 18 at one end, and 5 at the other, a total of 26.

There were no goals scored by a team after gaining a tipoff before losing the ball to the opponents.

I will be glad to keep these data for the rest of our home games, and hope that the statistics may be of some value to you. If there are any more things you would like to check, please suggest them to me or Coach Root.

With best regards to you and your team the rest of the season, except on February 7,

Very truly yours,

Lawrence Grauerholz
Lawrence Grauerholz

✓

January 19, 1938.

Mr. Lawrence Grauerholz,
Department of Journalism,
Kansas State College,
Manhattan, Kansas.

Dear Lawrence:

Thank you for your letter of the 17th giving
statistics on the Kansas State-Missouri game.

Your cooperation is greatly appreciated.

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

KANSAS STATE COLLEGE
OF AGRICULTURE AND APPLIED SCIENCE

DEPARTMENT OF
INDUSTRIAL JOURNALISM AND PRINTING
MANHATTAN, KANSAS

January 17, 1938

Dr. F. C. Allen
Basketball Coach
University of Kansas
Lawrence, Kansas

Dear Doctor Allen,

I am sending you the statistics of the Kansas State-Missouri game here Saturday night.

The 29 times the ball was brought from out of bounds across the black division line required 197 seconds, or an average of 6.8 seconds per trial. This is more than a second slower than the average time for the KS-KU game last Tuesday night.

There were 11 jump balls at one end circle, 17 at the other end, and 4 at the center ring. Total, 32.

No goals were made by either team after gaining a tipoff without possession of the ball going first to the other team.

Thanks for your letter of appreciation and I hope these data may be of some value.

Very truly yours,

Lawrence Grauerholz
Lawrence Grauerholz

