

SPRING-TRAINING CONDITIONING AS A PREDICTOR
OF FOOTBALL PLAYER PERFORMANCE

by 680

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CHAPTER I

INTRODUCTION

In the highly competitive sport of football, the job of assessing a player and the task he must perform requires insights and evaluation techniques that are both elusive and intangible. A coach, for example, may be well-qualified at judging the way a player performs certain tasks and may have some insight as to how well he can play in a game situation. But, can a person who does not coach look at the different task performance levels and, through a refined statistical technique, predict how a player will perform, and what he will perform? In the game of football, it is realized there are a number of abilities involved that constitute a successful performance. At this point the question is raised as to what factors make a good football player and can they be measured accurately. The most important job is to select a valid or meaningful criterion concerning what constitutes a good football player and how is he different from the mediocre or All-American.

CHAPTER II

STATEMENT OF PURPOSE AND DEFINITION OF TERMS

I. STATEMENT OF PURPOSE

The purpose of the study was to employ empirical methods to evaluate a player's game performance from his performance on several skills during his off-season training. This generated into six objectives: (1) establishment of a criterion group; (2) collection of data on the Middleness test and ten variables of the off-season program which would be evaluated against the criterion; (3) construction of a regression equation for predicting the percentage of plays correct for Freshman, Sophomore, and Junior football players at Kansas State University; (4) identify the variables that contribute most to the PPC (the criterion); (5) predict who will play first, second, third, and fourth string teams for the Fall of 1969 and compare this prediction with the coaches' estimate of first, second, and third string; and (6) establish a player profile for evaluation purposes.

II. DEFINITION OF TERMS

Off-season Program. The off-season program refers to an eight week work-out period for all football players, starting the first week of the second semester. The scope of the program and the variables (chin-ups, push-ups, stool-jumps, rope climb, sit-ups, vertical steps, lateral quickness, 40 yard dash, height, weight, and percentage of plays correct-PPC) will be discussed in Chapter IV.

Percentage Plays Correct (PPC). The criterion (PPC) is defined as the number of plays executed correctly and divided by the total number plays as judged by the subject's coach for nine season games and will be used for validating the eleven variables.

Middleness Test. This is a four minute pencil and paper test in which the subject marks the middle circle of an asymmetrical arrangement of dots.

CHAPTER III

REVIEW OF LITERATURE

Importance of Criterion Selection

The first objective of this research was to establish a criterion group. Since the collection of data of the off-season program was standardized at Kansas State University, the task became one of finding an independent score that would correlate well with the data of the off-season program. The enlightening information did not lie within the off-season data by itself, but as it correlated with a score that measured something else--namely, the percentage of plays correct (PPC). From the degree of correlation, it became known as to how valid a test was as an indicator of the PPC, which it was designed to measure. The variable with which the off-season scores were correlated was called the criterion.¹

The whole basis of this research was determined by the excellence of acquiring a suitable criteria, as emphasized by Barnette: "The success or failure of a test developmental study can be determined by the quality of the criterion that is obtained. Therefore, it is of extreme importance to evaluate the criterion data in every way possible."²

Evaluation of Criterion Selection

Tyler suggested four methods of measurement: (1) Rating; (2) Question; (3) Projective techniques; and (4) Behavioral and Phy-

¹Leona E. Tyler, The Psychology of Human Differences, 1965 (Meredith Publishing Company) p. 40.

²W. Leslie Barnette, Jr., Readings in Psychological Tests and Measurements, (The Dorsey Press) 1968, p. 120.

siological tests.³ Of these, the rating seemed to be the most practical approach. The possibility of team members rating each other was eliminated because of possible bias of friends and lack of experience. It was decided that experience of the coaching staff should serve as a good indicator of ability, even though it was hard to evaluate with a single score for the season. Also, injury and the number of plays could affect the coach's judgement. To eliminate any disagreement which may occur among competent persons in scoring any given subject while using the same test, it was decided to have each coach grade the number of plays executed correctly for each subject who came under his jurisdiction.⁴ This was done by having a football staff member, relative to the position he coached, judge nine games of the previous season. The total number of plays and plays executed correctly were recorded for each game. By the use of slow motion projectors, the coach was able to break a player's game performance into each separate play; thus, allowing a more objective judgement as to a season's performance. Barnette wrote, "Subjective criteria involves a judgement of performance usually made by somebody who is in a good position to rate that performance of each individual in the sample."⁵ The coach's subjective judgement, as a result of his experience and knowledge for a particular position, has become one that is constant and accurate;

³Tyler, op. cit. pp. 155-162.

⁴H. Harrison Clarke, Application of Measurement to Health and Physical Education, (Prentice-Hall, Inc.) 1967, p. 30.

⁵Barnette, op. cit., p. 118

hence, his judgement becomes objective. Here, the author assumed, another football coach, relative to some position, should be able to review the same film and arrive at the same score of correct plays. Objectivity, according to Clarke, is, "the degree of uniformity with which various individuals score the same test".⁶

The following paragraph by Clarke served as an outline in arriving at scores for all variables.

"Objectivity in measurement is secured by the following means: (1) accurately phrased and fully detailed instructions in measuring procedures; (2) simplicity of measuring procedures; (3) the use, wherever possible, of mechanical tools of measurement; (4) reductions of results to mathematical scores; (5) selection of intelligent measurers, carefully trained; (6) maintenance of professional or scientific attitudes by testers; and (7) unremitting supervision of measuring procedures by administrative officers. Only by these practices may the objectivity of measures be maintained at a high level."⁷

By using the technique of review films, the coach was able to objectively remove himself from the stress of a game situation and the bias effect of "motivational distortion".⁸ The score judged by the coaches which served as the criterion, was determined independently of the scores received from each subject during the off-season program.⁹

Function of Criterion Selected

The criterion scores and scores of the ten variables of the off-season program plus the score on the Middleness test served as

⁶Clarke, loc. cit.

⁷Clarke, op. cit., p. 31

⁸Barnette, op. cit., p. 164

⁹American Psychological Association, American Educational Research Association, and National Council on Measurement in Education, Standards for Educational and Psychological Tests and Manuals, 1966, p. 16.

data for the "model"¹⁰ and establishment of the step-wise regression equation.¹¹

The Step-wise Multiple Regression Program¹² (Program Print-out in Appendix A) was used for analysis and prediction.¹³ In analysis, the purpose is to determine the relative importance or contribution of a given variable in contributing to the final result, namely game performance. On the other hand, the prediction is made in order to determine the effectiveness of the overall techniques in estimating the percentage of plays correct (PPC) for the coming season.

¹⁰N. R. Draper and H. Smith, Applied Regression Analysis, (John Wiley and Sons, Inc.) 1967, pp. 7-9, 235.

¹¹Ibid. pp. 178-195.

¹²S/360 General Program Library 360 Step-wise Multiple Regression Program 3.4.003.

¹³Henry E. Garrett, Statistics in Psychology and Education, (David McKay Company, Inc.) 1966, p. 410.

CHAPTER IV

PROCEDURE

Procedure for Criterion Group

Percentage Plays Correct (PPC). This was the criterion and served as the variable to which all off-season variables were to be correlated against.

Each football staff member, relative to the position he coached, reviewed the films of nine games (Colorado State University, Pennsylvania State University, Virginia Polytechnic Institute, University of Colorado, Iowa State University, University of Missouri, Oklahoma University, University of Kansas, and University of Nebraska) of the Fall 1968 Kansas State University season. From the films, he judged the number of plays executed properly for the position he coached. The number of plays executed correctly was divided by the total number of plays performed for each game. The percentage score for each of the nine games was summated and divided by the number of games in which a player participated to yield a mean percentage plays correct (PPC).

Procedure of Off-season Variables

Once the criterion was established, the task was to collect data for each of 49 subjects which performed during the previous 1968 varsity games and the off-season program. The following spring conditioning variables were collected twice each week and served to validate the PPC and predict player performance. The data was recorded on IBM computer cards in the following order:

Height (HT). The anthropometric data of Height was recorded to the nearest inch, at the beginning of the off-season program.

Weight (WT). The weight of each subject was taken to the nearest pound.

Chin-ups (CH). Using a standard size high bar with hands in an over-grasp position, each subject was allowed to execute properly as many chin-ups as possible.

Push-ups (PS). Within a 30 second time limit, the subject was required to do as many push-ups as possible on his finger-tips. On each push-up, the subject's chest had to touch a three inch high foam rubber block.

Stool jump (SJ). The subject was required to execute as many jumps as possible over a foam rubber block eighteen inches high and four inches wide within a time limit of 30 seconds. The subject was required to clear the eighteen inch block and upon landing on the opposite side, he had to immediately jump back to his original position. Each landing on the floor was counted as one unit toward the total score.

Rope climb (RC). A stop watch measuring tenths of seconds was used to time the subjects ability to ascend a standard rope climbing apparatus. The subjects started from a standing position and were allowed to jump, climbing hand-over-hand with the use of their feet to ascend to a height of fifteen feet.

Sit-ups (SU). The subject started, laying on his back. The sit-up was executed on an inclined board seven feet long. The raised

end was eighteen inches from the floor and was fixed in such a manner with a belt to secure the subject's feet. The subject was required to lock his fingers behind his head and alternate elbow to opposite knee on each succeeding sit-up. The number of sit-ups done in 30 seconds constituted the score.

Vertical steps (VS). The scoring of vertical steps required the use of a wooden box eighteen inches high and two feet wide and one foot deep. The subject started by placing his right foot on top of the box and stepping up, bringing his left foot up beside his right and standing on the box. Then, the subject placed his left foot back to the original position, followed immediately by his right. This represented one unit in the 30 second time limit. The subject was required to alternate his feet as he stepped on the box each time.

Lateral quickness (LQ). The test situation was set up by having two individuals stand ten feet apart. The subject was required to run and touch one individual, then run back, touching the other and continue to do so for 30 seconds. Each touch represented one unit towards the subject's score.

40 Yard dash (40 YD). The subject started from a standing position and his time was recorded with a stop watch to the tenths of a second as they crossed the 40 yard line.

Initiation of Middleness Test

Middleness Test (MI). A four minute pencil and paper test was

administered to all subjects at the end of the off-season program. The test consisted of a row of $3/4$ inch circles. Black dots were inside some of the circles. The circles were arranged in two groups. The asymmetrical arrangement of dots was always an odd number; thus, leaving a middle dot to be marked by the subject.

No previous information is known about this particular test because it was created within the last week of the off-season program by Dr. Fred Rohles, Director of Environmental Research at Kansas State University. After the test was administered to a group of upper level and graduate students to determine approximately how long it took to finish the test, it was decided at that time that it was very difficult to finish it within four minutes by judgement of this group. This particular test was used, as with all the other variables, to see how well it correlated with the criterion and also its relation to the other eleven variables.

How Data was Analyzed

All the data for the eleven variables and the PPC were recorded on the IBM Computer cards and the players' profile (see Appendix B). The IBM 360 Step-wise Multiple Regression Program with a few modifications from the S/360 General Program Library was used to compute the data (see Appendix A). The criterion data was computed in three different groups: (1) the entire criterion group-- $N=49$; (2) the Linemen, which includes the Center, Offensive Guards, Offensive Tackles, the Nose, Defensive Tackles, Defensive Guards, the Monster,

and Linebackers-- $N=24$; and (3) the Backfield, which includes the Quarterback, Tailback, Wingback, Fullback, Split-End, Flanker, Defensive Ends, Defensive Halfbacks, and Safety-- $N=25$. (See Figure 1)

Set-up of Player Profile

To establish the player profile, the data for each variable was tallied into a frequency distribution with accumulative frequencies and percentile scores being figured. The mean score and raw score for each particular variable was listed on the players profile sheet. The appropriate percentage figured from each raw score was marked at the appropriate spot on the profile sheet for each player. (See Appendix B.) On the profile sheet, chin-ups, push-ups, rope climb, and sit-ups were considered in the strength index. The percentile scores of the above four variables were converted to standard scores. The mean standard scores were computed and then converted back to a total strength percentile score. The same procedure was followed for the Speed index which included the variables of stool-jumps, vertical steps, lateral quickness, the 40 yard dash, and the Middleness Test.

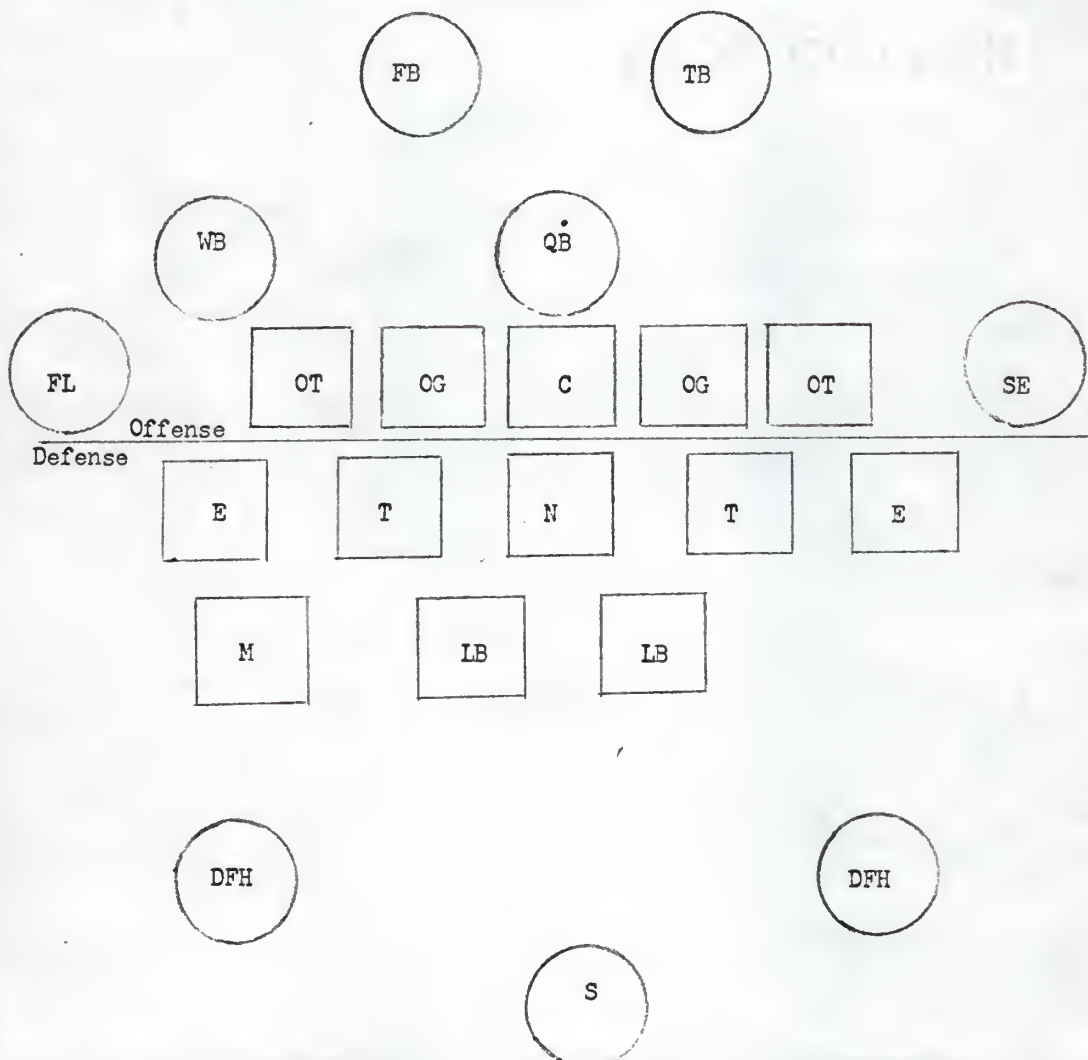


Figure 1. Positions Used in Analysis of Backfield (Designated by Circles) and Linemen (Designated by Squares).

Legend:

FB = Fullback	C = Center
TB = Tailback	E = End
WB = Wingback	T = Tackle
QB = Quarterback	N = Nose
SE = Split-End	M = Monster
OT = Offensive Tackle	LB = Linebacker
OG = Offensive Guard	DFH = Defensive Halfback
S = Safety	

CHAPTER V

RESULTS

Mean Scores of Criterion and Prediction Groups

The results of criterion data were divided into three groups. Column One represents criterion football players (N = 49). Column Two and Three show the mean score for Linemen and the Backfield, respectfully. As a group, the Linemen were slightly taller, heavier, and performed better on sit-ups and the Middleness Test.

TABLE I

MEAN SCORES OF ALL VARIABLES FOR THE TOTAL,
LINEMEN, AND BACKFIELD CRITERION GROUPS

	Total	Linemen	Backfield
PPC	67.98	65.29	70.56
HT	72.58	72.88	72.00
WT	202.53	213.21	192.28
CH	12.57	10.75	14.32
PS	37.80	36.42	39.12
SJ	58.67	57.08	60.20
RC	7.12	8.23	6.05
SU	29.61	29.75	29.48
VS	31.08	30.17	31.96
LQ	24.22	24.08	24.36
40 Yd.	4.93	5.03	4.83
MI	70.16	70.83	69.52

There were 74 football players that would be eligible to participate in the Fall 1969 season. Thirty-seven of this group played in the 1968 Fall season and 37 had not played varsity football at Kansas State University. The results presented in Table II show, as a mean

group, the varsity to be better in chin-ups, stool jumps, push-ups, sit-ups, and the Middleness Test. The non-varsity, predominantly freshmen, were slightly taller, heavier, and executed slightly more vertical steps and lateral quickness.

TABLE II
MEAN SCORES FOR THE 74 PREDICTION SUBJECT GROUP
TOTAL, VARSITY, AND NON-VARSITY

	Total N = 74	Varsity N = 37	Non-Varsity N = 37
HT	72.58	72.42	72.78
WT	204.57	202.53	207.11
CH	11.84	12.57	10.89
PS	37.71	37.80	37.59
SJ	57.94	58.67	56.97
RC	7.27	7.12	7.43
SU	28.50	29.61	27.05
VS	31.30	31.08	31.59
LQ	24.28	24.22	24.35
40 Yd.	4.92	4.93	4.91
MI	69.39	70.26	68.38

Validity of Line and Backfield

From the data collected on the criterion group, a product-moment correlation matrix of the criteria (PPC--top row of Table III) and the eleven measured variables of the 24 subjects categorized as Linemen was computed as follows on the following page.

TABLE III

INTERCORRELATION MATRIX OF PRODUCT MOMENT CORRELATION
OF CRITERION AND ELEVEN VARIABLES
FOR THE LINEMEN POSITIONS

	2	3	4	5	6	7	8	9	10	11	12
PPC	.022	-.054	.084	-.043	.304	.012	-.021	.283	.402	.241	-.037
2		.306	-.013	-.508	-.274	-.144	-.307	.162	-.327	-.289	-.085
3			-.340	-.230	-.221	-.662	.056	-.256	-.463	-.690	-.269
4				.691	.510	.207	.336	.079	.219	.135	.280
5					.729	.107	.563	.087	.256	-.007	.327
6						.116	.409	.485	.251	-.058	.388
7							.011	.389	.450	.529	.223
8								.249	.058	-.124	.325
9									.182	.207	.377
10										.387	.267
11											-.194

PPC = Percentage Plays Correct

2 = Height

3 = Weight

4 = Chin-ups

5 = Push-ups

6 = Stool jumps

7 = Rope climb

8 = Sit-ups

9 = Vertical Steps

10 = Lateral Quickness

11 = 40 yard dash

12 = Middleness Test

TABLE IV

INTERCORRELATION MATRIX OF PRODUCT MOMENT CORRELATION
OF CRITERION AND ELEVEN VARIABLES
FOR THE BACKFIELD POSITION

	2	3	4	5	6	7	8	9	10	11	12
PPC	.022	-.054	.084	-.022	-.001	.341	.123	-.036	.387	.023	-.079
2		.394	-.200	.041	-.292	-.141	.248	.103	.313	-.267	-.240
3			-.013	-.175	-.623	-.587	.081	-.286	-.216	-.126	-.339
4				.542	-.167	.194	-.023	-.007	-.016	.280	.241
5					.131	.340	.328	.317	-.318	.170	.404
6						.422	-.021	.442	-.085	-.282	.407
7							-.123	.281	-.106	-.075	.298
8								.291	-.058	-.205	-.066
9									-.247	.008	-.013
10										.438	-.025
11											-.265

PPC = Percentage Plays Correct

2 = Height

3 = Weight

4 = Chin-ups

5 = Push-ups

6 = Stool jumps

7 = Rope climb

8 = Sit-ups

9 = Vertical Steps

10 = Lateral Quickness

11 = 40 yard dash

12 = Middleness Test

A product-moment correlation for the Backfield positions (criterion group $N = 25$) was computed. The correlation of the PPC, listed on the top row of Table IV, was correlated with the eleven task performance variables. The correlation coefficients of the Linemen ($r = .653$) and Backfield ($r = .731$) were both significant at the .01 level.

From the regression equation, the eleven variables were picked in the order of the most contributing weight to the criterion. The amount of weight was indicated by the multiple correlation coefficient. For both groups, Backfield and Linemen, lateral quickness was the single best predictor of percentage plays correct. Rope climb, weight, and the Middleness test ranked in that order in the top four of the best predictors. (See Table V for the list of the eleven variables plus correlation coefficient.)

TABLE V
SELECTION OF VARIABLES FROM CRITERION

Selection	Variable	Multiple	Variable	Multiple
		Correlation Coefficient		Correlation Coefficient
LINEMEN			BACKFIELD	
1	Lateral Quickness	$r = .402$	Lateral Quickness	$r = .387$
2	Vertical Steps	.455	Rope Climb	.546
3	Rope Climb	.536	Weight	.648
4	Middleness Test	.584	40 Yard Dash	.672
5	Weight	.602	Middleness Test	.695
6	Stool Jumps	.612	Chin-ups	.704
7	Push-ups	.639	Sit-ups	.714
8	Height	.648	Vertical Steps	.722
9	Chin-ups	.652	Height	.728
10	Sit-ups	.652	Push-ups	.730
11	40 Yard Dash	.653	Stool Jumps	.731

Prediction and Ranking

The coaching staff made a personnel sheet, listing the twenty-two positions and the names of the individuals playing first, second, third, and fourth string. The ranking of players by the coaches was compared with the ranking by the PPC as judged by the regression equation. The ranking of the coaches and the regression equation for the Linemen is shown in Table VI. The same ranking procedure of Backfield positions is shown in Table VII. The two positions of Right Tackle and Nose were ranked exactly as the coaches did. The predicted Backfield positions of Left End and Right Halfback were completely correct also. The variation of the PPC as shown by standard error of estimate made prediction too fluctuating to be a good predictor. The Linemen PPC varied ± 6.65 while the Backfield PPC scores were ± 9.4 .

A frequency distribution was constructed from Table VI and VII to show the amount of difference between the coaches ranking and the regression ranking. From the coaches' point of view, the regression ranked 35.1% of the players correctly for Backfield and Linemen. The result of the ranking differences is shown in Table VIII.

TABLE VI

RANKING OF FIRST, SECOND, THIRD, AND FOURTH STRING
LINEMEN AS JUDGED BY THE COACHES AND THE REGRESSION
EQUATION COMPUTED FROM THE OFF-SEASON PROGRAM

Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking	Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking
<u>OLT</u>					<u>DLT</u>				
a	67.26	1	1	0	a	63.60	2	1	1
b	61.39	3	2	1	b	58.67	4	2	2
c	64.07	2	3	1	c	62.24	3	3	0
d	52.47	4	4	0	d	72.49	1	4	3
<u>OLG</u>					<u>SL</u>				
a	69.26	1	1	0	a	58.40	4	1	3
b	66.11	3	2	1	b	63.90	3	2	1
c	53.27	4	3	1	c	64.39	2	3	1
d	68.25	2	4	2	d	67.63	1	4	3
<u>C</u>					<u>N</u>				
a	67.32	2	1	1	a	74.55	1	1	0
b	68.60	1	2	1	b	66.50	2	2	0
					c	52.57	3	3	0
<u>ORG</u>					<u>BL</u>				
a	62.83	2	1	1	a	74.24	1	1	0
b	76.84	1	2	1	b	67.33	2	2	0
c	49.00	3	3	0	c	58.50	4	3	1
					d	62.49	3	4	1
<u>ORT</u>					<u>DRT</u>				
a	58.23	3	1	2	a	64.91	1	1	0
b	70.23	1	2	1	b	60.51	2	2	0
c	69.15	2	3	1	<u>M</u>				
					a	70.92	1	1	0
					b	61.47	4	2	2
					c	70.73	2	3	1
					d	63.76	3	4	1

OLT=Offensive Left Tackle
OLG=Offensive Left Guard
C =Center
ORG=Offensive Right Guard
ORT=Offensive Right Tackle

DLT=Defensive Left Tackle
SL =Strongside Linebacker
N =Nose
BL =Backside Linebacker
DRT=Defensive Right Tackle
M =Monster

TABLE VII

RANKING OF FIRST, SECOND, THIRD, AND FOURTH STRING BACKFIELD
AS JUDGED BY THE COACHES AND THE REGRESSION
EQUATION COMPUTED FROM THE OFF-SEASON PROGRAM

Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking		Position of Linemen	Estimated PPC	Ranking by PPC	Ranking by Coaches	Difference in ranking
<u>FL</u>						<u>SE</u>				
a	62.70	4	1	3		a	75.84	2	1	1
b	69.70	2	2	0		b	60.85	4	2	2
c	76.20	1	3	2		c	67.37	3	3	0
d	65.76	3	4	1		d	80.09	1	4	3
<u>WB</u>						<u>LE</u>				
a	67.17	3	1	2		a	72.78	1	1	0
b	69.30	2	2	0		b	62.84	2	2	0
c	81.12	1	3	2		c	45.63	3	3	0
<u>QB</u>						<u>RE</u>				
a	80.32	2	1	1		a	62.22	3	1	2
b	82.19	1	2	1		b	62.43	2	2	0
c	61.27	3	3	0		c	80.62	1	3	2
d	51.86	4	4	0						
<u>TB</u>						<u>LHB</u>				
a	71.30	2	1	1		a	82.54	2	1	1
b	68.48	3	2	1		b	84.78	1	2	1
c	94.52	1	3	2		c	65.97	3	3	0
						d	44.21	4	4	0
<u>FB</u>						<u>RHB</u>				
a	76.48	2	1	1		a	70.06	1	1	0
b	71.08	3	2	1		b	62.75	2	2	0
c	63.75	4	3	1		<u>S</u>				
d	78.02	1	4	3		a	63.60	3	1	2
						b	76.56	1	2	1
						c	74.02	2	3	1

FL = Flanker
WB = Wingback
QB = Quarterback
TB = Tailback
FB = Fullback

SE = Split-End
LE = Left End
RE = Right End
LHB = Left Halfback
RHB = Right Halfback
S = Safety

TABLE VIII

FREQUENCY DISTRIBUTION OF THE COACHES' RANKING
AND REGRESSION PREDICTION FOR LINEMEN AND BACKFIELD

Amount of Difference in Ranking			Amount of Difference in Ranking		
Frequency	% Correct		Frequency	% Correct	
<u>Linemen:</u>			<u>Backfield:</u>		
3	2	5.4	3	3	8.1
2	5	13.5	2	8	21.6
1	17	45.9	1	13	35.1
0	13	35.1	0	13	35.1

CHAPTER VI

DISCUSSION

The most beneficial factor to be incorporated in this research would be a large enough sample, sufficient to categorize players by positions rather than simply Linemen and Backfield. By such an approach, a coach could begin to evaluate more specifically those skills involved for a particular position.

The variables involved in this study were not in themselves related to football skills, but served as calisthenics. Thus, in order to obtain data that would be more reliable as a predictor of player performance, it would be necessary to seek variables that correlate higher with abilities. Such measures as finger dexterity, spatial aptitude, form perception, and intelligence would be possible avenues to follow.

The results of this paper were presented to members of the Football staff. The most important observations acknowledged by them were: (1) the pick of Lateral Quickness for both Linemen and Backfield as the best predictor of player performance; (2) the high correlation between push-ups and stool-jumps; and (3) the motivational level of subjects as indicated by estimated PPC. The coaches unanimously agreed that the predicted PPC score was an excellent indicator of how hard the subjects were working during the off-season program.

Injury and sickness caused predictions to be low, thus causing the greatest amount of difference between coaches and the regression ranking.

The method of analysis developed by the author has been adapted for the Spring of 1970 off-season program to perform the following functions: (1) a weekly computer print-out of all variables for each player; (2) a tally of points for superior scores for each variable; (3) a weekly computer print-out of estimated PPC for each player, not as an indicator of projected game performance, but as an indication of a weekly motivational level for each player during the off-season program; and (4) a normalized profile as suggested in Appendix B.

One major weakness was the duration of time of the late Winter off-season program and the Fall games. The physical abilities for a given subject could be changed considerably; hence, the person who may continue to condition himself through out the summer may have been ranked too low according to the conditioning level during the off-season program.

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APPENDIX A

//Step 1 Exec Figclgks

//Fort.Sysin DD *

C 360 Stepwise Multiple Regression Program, 3/14/66 0010
 C KSU Revised
 C
 C
 C This program is in double precision. The number of variables
 C is limited to 58, but this may be increased to a maximum of
 C 999 by adjusting dimensions of all variables which now are
 C Dimensioned for 58. 58 variables include 57 explanatory and
 C one dependent.
 C The number of observations is limited to 9999, and must exceed
 C The number of variables by at least 2.
 C The specified incoming F level must not be less than the speci-
 C fied outgoing F level.
 C The variable format for the data is read in with the control
 C Cards. Transformations are performed in the subroutine trans,
 C and must be added by the user. Subroutine trans must be pre-
 C sent, even if no transformations are performed.
 C Cards preceding data must be these, and must occur in this order:
 C Number of problems
 C Heading
 C Problem parameters
 C Variable name deck
 C Data format
 C Description of the formats for these cards is found in the
 C program writeup.
 C This program assumes that variable names will be used with
 C the data.
 C If variable names are not desired, statement No. 91 must be
 C changed to read MMA=0, and the variable names should be ex-
 C cluded from the data deck. Cards specifying the dependent
 C variable for each regression must follow the data.
 C
 C
 C Phase 1. Transform original data, compute and print means, 0260
 C Standard deviations, and simple correlation coefficients. 0270
 C Implicit real*8(A-H,0-Z)
 C Dimensions 0280
 C Dimension XXBAR(58), SSIGMA(58)
 C Dimension Name(58,2), ISAVE(58)
 C Dimension Data(58), RRIJ(58,58), FMT(20)
 C Dimension RIJ(58,58), XBAR(58), SIGMA(58), AID(18) 0310
 C Dimension SIGB(58), B(58), ID(60) 0320

	Read (1,1)(AID(I), I=1,18)	0410
C	Read Control Card	0430
	Read (1,2)NWIN, NVAR, NOBS, NSEL, FIN, FOUT, IRES	
	if (FIN-FOUT) 1010, 730,370	
730	If(NNA.NE.1) Go to 740	
	Read (1,4) ((NAME9I,J),J=1,2),I=1,NVAR)	
740	Read (1,1) FMT	
C	Initialize.	0550
	OBS=NOBS	
	NINDW=NVAR-1	0570
	DO 90 I=1, NVAR	
	XBAR(I)=0.0	0590
	SIGMA(I)=0.0	
	Do 90 J=1,NVAR	
90	RIJ(I,J)=0.0	0610
	Read data, form sums vector, sums of squares matrix	0620
	do 110 I=1, NOBS	0630
	Read (1,FMT) (Data(J),J=1,NWIN)	
C	Transformation of raw data	0670
750	Call Trans (Data)	
860	If (IRES) 870,880,870	1010
C	Write data file	1020
870	Write (10) (Data(J),J=1,NVAR)	
880	Do 100 J=1,NVAR	1040
	XBAR(J)=XBAR(J)+Data(j)	1050
	Do 100 K=1,NVAR	1060
100	RIJ(J,K)=RIJ(J,K)+Data (j)*data(k)	1070
110	Continue	1080
C	Compute Standard deviations*SQR Route (OBS-1)	1090
	Do 120 I=1,NVAR	1100
120	Sigma(I)=(RIJ(I,I)-XBAR(I)*XBAR(I)/OBS)**.5	1110
C	Compute correlation Matrix	1120
	Do 130 I=1,NVAR	1130
	Do 130 J=1,NVAR	1140
	RIJ(I,J)=(RIJ(I,J)-XBAR(I)*XBAR(J)/OBS)/(SIGMA(I)*SIGMA(J)	
130	RRIJ(I,J)=RIJ(I,J)	
C	Compute Means and Standard Deviations	1160
	Do 140 I=1,NVAR	1170
	XBAR(I)=XBAR(I)/OBS	1180
	Sigma(I)=Sigma(I)/(OBS-1.0)**.5	
	SSigma(I)=Sigma(I)	
140	XXBAR(I)=XBAR(I)	
C	Skip to new page, write I.D., Averages, Standard Deviations,	1200
C	and simple correlation matrix.	1210
	Write (3,65)(Aid(I),I=1,18)	1220
	If(NNA.NE.1) Go to 741	
	Write (3,5)	

```

Write (3,6)(I,(Name(I,J),J-1,2),I-1,NVAR)
741 Write (3,51)
Write (3,52)(I,XBAR(I),ICOM,I=1,NINDV),NVAR,XBAR(NVAR) 1260
Write (3,53) 1280
Write (3,52)(I,SIGMA(I),ICOM,I=1,NINDV),NVAR,SIGMA(NVAR) 1300
Write (3,55) 1310
Do 150 I=1,NINDV 1330
150 Write (3,56)(I,J,RIJ(I,J),ICOM,J=I,NINDV),I,NVAR,RIJ(I,NVAR) 1340
C Phase 2. Perform Stepwise calculations and print results. 1360
If(NSEL)1030,1030,1031
1031 Do 1032 NI=1,NSEL
Read (1,84) NDEP,NIIN,(ISAVE(I),I=1,NIIN)
Write (3,69) NI,NDEP,NIIN
Do 151 I=1,NVAR
Sigma(I)=SSigma(I)
XBAR(I)=XXBAR(I)
Do 151 J=1,NVAR
151 RIJ(I,J)=RRIJ(I,J)
C Initialize 1380
Do 190 I=1,NVAR 1390
SIGB(I)=0.0 1400
190 B(I)=0.0 1410
NENT=0 1420
DF=OBS-1.0 1430
NSTEP=-1 1440
C Transform Sigma Vector from Standard Deviations to Square 1450
C Roots of Sums of Squares. 1460
Do 310 I=1,NVAR 1470
310 Sigma(I)=Sigma(I)*(OBS-1.0)**.5 1480
C Begin Step Number NStep. 1490
200 NStep=NStep+1 1500
STDEE=((RIJ(NDEP,NDEP)/DF)**.5)*Sigma(NDEP)
DF=DF-1.0 1520
If (DF) 1000,1000,205
205 VMIN=0.0 1540
VMAX=0.0 1550
NIN=0 1560
NIIM1=NIIN+1
ISAVE(NIIM1)=NDEP
C Find minimum variance contribution of variables in regres- 1570
C sion equation. Find maximum variance contribution of 1580
C variables not in regression equation. 1590
Do 300 I2=1,NIIM1
I=ISAVE(I2)
If(I.EQ.NDEP) Go to 300
If(RIJ(I,I)-.001)300,300,210
210 VI=RIJ(I,NDEP)*RIJ(NDEP,*)/RIJ(I,I) 1610
If(VI)240,300,220 1630
220 If(VI-VMAX)300,300,230 1640
230 VMax=VI 1650
NMax=I 1660
Go to 300 1670

```

240	NIN=NIN+1	1680
	ID(NIN)=I	1690
C	Compute Regression Coefficient and its standard deviation.	1700
	B(NIN)=RIJ(I,NDEP)*SIGMA(NDEP)/SIGMA(I)	
	SIGB(NIN)=(STDEE*RIJ(I,I)**.5)/SIGMA(I)	1720
	If(VMIN)250,260,1000	1730
250	If(VI-VMIN)300,300,260	1740
260	VMIN=VI	1750
	NMIN=1	1760
300	Continue	1770
	If(NIN)1000,460,400	1780
C	Compute constant term.	1790
400	BSUBC=XBAR(NDEP)	
	Do 410 I=1,NIN	1810
	J=ID(I)	1820
410	BSUBC=BSUBC-B(I)*XBAR(J)	1830
	If(NENT)1000,480,421	
C	Output for variable added.	1850
421	If(MNA.NE.1) Go to 420	
	Write (3,7) NSTEP,K,(NAME(K,I),I=1,2)	
	Go to 425	
420	Write (3,57)NSTEP,K	1860
425	Write (3,58) STDEE	1880
	R=(1.-RIJ(NDEP,NDEP))**.5	
	Write (3,59)R	1910
	IDFN=OBS-DF-2.0	1930
	IDFD=DF+1.0	1940
	F=(SIGMA(NDEP)**2-(STDEE**2)*(DF+1.0))/((OBS-DF-2.0)*STDEE**2)	
	Write (3,66)IDFN,IDFD,F	1960
	Write (3,60)BSUBP	1980
	Write (3,61)	2000
	Write (3,62)	2020
	Do 430 I=1,NIN	2040
	J=ID(I)	2050
	T=B(I)/SIGB(I)	2060
430	Write (3,63)ID(I),B(I),SIGB(I),T,RIJ(J,NDEP)	
C	Compute F level for minimum variance contribution variable	2090
C	in regression equation.	2100
	FLEVL=VMIN*DF/RIJ(NDEP,NDEP)	
	IF(FOUT+FLEVL)460,460,450	2120
C	Initialize for removal of variable K from equation.	2130
450	K=NMIN	2140
	NENT=0	2150
	DF=DF+2.0	2160
	Go to 500	2170
C	Compute F level for maximum variance contribution variable	2180
C	not in equation.	2190
460	FLevl+VMAX*DF/(RIJ(NDEP,NDEP)-VMAX)	
	If(FLevl-FIN)600,600,470	2210
C	Initialize for entry of variable K into equation.	2220
470	K=NMAX	2230

	NENT=K	2240
	Go to 500	2250
C	Output for variable deleted	2260
480	Write (3,64)NStep,K	2270
	Go to 425	2290
C	Update Matrix	2300
500	Do 540 I2=1,NIIM1	
	I=ISAVE(I2)	
	IF(I-K)510,540,510	2320
510	Do 530 J2=1,NIIM1	
	J=ISAVE(J2)	
	IF(J-K)520,530,520	2340
520	RIJ(I,J)=RIJ(I,J)-RIJ(I,K)*RIJ(K,J)/RIJ(K,K)	2350
530	Continue	2360
540	Continue	2370
	Do 560 J2=1,NIIM1	
	J=ISAVE(J2)	
	IF(J-K)550,560,550	2390
550	RIJ(K,J)=RIJ(K,J)/RIJ(K,K)	2400
560	Continue	2410
	Do 580 I2=1,NIIM1	
	I=ISAVE(I2)	
	IF(I-K)570,580,570	2430
570	RIJ(I,K)=-RIJ(I,K)/RIJ(K,K)	2440
580	Continue	2450
	RIJ(K,K)=1.0/RIJ(K,K)	2460
	Go to 200	2470
600	IF(IRES)610,1032,610	
C	Print Residuals	2490
610	Rewind 10	
	Write (3,67)	2510
	Do 630 KD=1,NOBS	
	Read(10)(DATA(I),I=1,NVAR)	
	EST=BSUBO	2550
	Do 620 I=1,NIN	2560
	J=ID(I)	2570
620	EST=EST+B(I)*data(J)	2580
	RESID=data(NDEP)-EST	
	Write (3,68) KO,Data(NDEP),EST,RESID	
630	Continue	2620
	Rewind 10	
1032	Continue	
1033	Continue	
	Write (3,85)	
	Go to 1020	
1000	Write (3,82)	
	Go to 1020	
1030	Write (3,80)	

```
      Go to 1020
1010 Write (3,83)
1020 Stop
      End
      SUBROUTINE TRANS(DATA)
      DIMENSION DATA (1)
      DOUBLE PRECISION DATA
C     TRANSFORMATIONS HERE
      RETURN
      END
```

APPENDIX B

% Plays correct	Height	Weight	% correct	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quikness	40 yard Dash	Maddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
								2.2		99						2.2		
								2.0		98						2.0		
								1.8		96						1.8		
								1.6		94						1.6		
								1.4		92						1.4		
								1.2		88						1.2		
								1.0		84						1.0		
								.8		79						.8		
								.6		73						.6		
								.4		66						.4		
								.2		58						.2		
								0		50						0		
								-2		42						-2		
								-4		34						-4		
								-6		28						-6		
								-8		21						-8		
								-1.0		16						-1.0		
								-1.2		11						-1.2		
								-1.4		8						-1.4		
								-1.6		6						-1.6		
								-1.8		4						-1.8		
								-2.0		2						-2.0		
								-2.2		1						-2.2		
Mean				11.8	11.1	1.3	28.5				1.1	1.3	1.3	4.9	6.1			
Raw				11.8	11.1	1.3	28.5				1.1	1.3	1.3	4.9	6.1			
s Score				1.0	1.3	1.5	0				1.8	1.6	1.1	1.8	2.2			1.6

DATE 2/28/69

YEAR

POSITION Flanker

B

NAME

PLAYER PROFILE

% Plays correct	Height	Weight		Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quikness	40 yard Dash	Maddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
								2.2		99						2.2		
								2.0		98						2.0		
								1.8		96						1.8		
								1.6		94						1.6		
								1.4		92						1.4		
								1.2		88						1.2		
								1.0		84						1.0		
								.8		79						.8		
								.6		73						.6		
								.4		66						.4		
								.2		58						.2		
								0		50						0		
										42								
										34								
										28								
										21								
										16								
										11								
										8								
										6								
										4								
										2								
										1								
Mean	10.6	11.5	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
Raw	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
s Score	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8

DATE 2/28/69

POSITION Flanker YEAR

NAME C

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Outkicks	40 yard Dash	Midleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94		25				1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	126	215	112	31.1	113	28.5	5.19	21.3	21.3	21.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
Raw	21.6	35.8	18.7	5.18	18.8	46.3	83.2	35.8	35.8	35.8	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1

s Score

PLAYER PROFILE

NAME

D

POSITION Flanker

YEAR

DATE 2/28/69

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quikness	40 Yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73	73					.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	236	236.5	11.8	30.1	11.3	11.8	23.5	57.9	21.3	21.3	21.3	1.9	6.24			2.2		
Raw	15	16.5	8	30	21.0	21.5	21.5	60	10	10	10	4.5	5.7			2.6		
s Score	1.5	1.0	1.3	1.2	1.8	1.8	1.8	1.6	1.2	1.6	1.6	1.0	1.0			2.6		2.6

2/28/69

DATE

YEAR

POSITION

wingback

A

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	s	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96	77					1.8		
			94					1.6		94						1.6		
			92					1.4		92		22				1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66				71		.4		
			58					.2		58			56			.2		
			50					0		50						0		
			42				44	-.2	46	42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	106	204.5	118	307	43	22.5				579	343	243	173	604				
Raw	171	175	7	23	52	53												
s Score																		

DATE 2/28/69

YEAR

POSITION wingback

B

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middlemness Test	Approximate s Score	Total Speed	Total Strength and Speed
99								2.2		99						2.2		
98								2.0		98						2.0		
96								1.8		96						1.8		
94								1.6		94						1.6		
92								1.4		92						1.4		
88								1.2		88						1.2		
84								1.0		84						1.0		
79								.8		79						.8		
73								.6		73						.6		
66								.4		66						.4		
58								.2		58						.2		
50								0		50						0		
42								-.2		42						-.2		
34								-.4		34						-.4		
28								-.6		28						-.6		
21								-.8		21						-.8		
16								-1.0		16						-1.0		
11								-1.2		11						-1.2		
8								-1.4		8						-1.4		
6								-1.6		6						-1.6		
4								-1.8		4						-1.8		
2								-2.0		2						-2.0		
1								-2.2		1						-2.2		
Mean	126	145		118	117	73	285				519	813	243	49	224			
Raw	12	121		12	29	110	110				22	22	22	22	22			
s Score				17	-13	16	16				5	2	12	28	1.2		1	-1.2

% Plays correct	Height	Weight	%	Chain-ups	Push-ups	Rope-climb	St-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Steps	Lateral	40 yard Dash	Maddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			66					2.2		99							2.2		
			98					2.0		96							2.0		
			96					1.8		94							1.8		
			94					1.6		92							1.6		
			92					1.4		88							1.4		
			88					1.2		84							1.2		
			84					1.0		79							1.0		
			79					.8		73							.8		
			73					.6		66							.6		
			66					.4		58							.4		
			58					.2		50							.2		
			50					0		42							0		
			42					-.2		34							-.2		
			34					-.4		28							-.4		
			28					-.6		21							-.6		
			21					-.8		16							-.8		
			16					-1.0		11							-1.0		
			11					-1.2		8							-1.2		
			8					-1.4		6							-1.4		
			6					-1.6		4							-1.6		
			4					-1.8		2							-1.8		
			2					-2.0		1							-2.0		
			1					-2.2									-2.2		
Mean			115	168	311	18	18	168	168	168	529	313	313	213	413	694	213	413	694
Raw			111	18	311	18	18	168	168	168	62	32	32	25	47	78	25	47	78
s Score			1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.1	1.2	1.2	1.6	1.8	1.5	1.6	1.8	1.8

DATE 2/28/69

POSITION Quarterback YEAR

A

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	#	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middlemness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99						2.2			
			98					2.0		98						2.0			
			96					1.8		96						1.8			
			94					1.6		94						1.4			
			92					1.4		92						1.2			
			88					1.2		88						1.0			
			84					1.0		84						.8			
			79					.8		79						.6			
			73					.6		73						.4			
			66					.4		66						.2			
			58					.2		58						0			
			50					0		50		350							
			42					-.2		42						-.2			
			34					-.4		34						-.4			
			28					-.6		28						-.6			
			21					-.8		21						-.8			
			16					-1.0		16						-1.0			
			11					-1.2		11						-1.2			
			8					-1.4		8						-1.4			
			6					-1.6		6						-1.6			
			4					-1.8		4						-1.8			
			2					-2.0		2						-2.0			
			1					-2.2		1						-2.2			
Mean	22.6	247.5		12.8	311.1	11.2	12.5				519	313	243	4.9	49.4				
Raw	76	189		23	191	5.0	21				530	31	24	500	62				
s Score				4.7	11	7.7	-2.8				0	0	-2.5	-2.3	-2.5				

DATE 2/28/69

POSITION Quarterback YEAR

NAME B

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84	25					1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean			11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Raw			185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185
s Score			1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

DATE 2/29/69

POSITION Quarterback YEAR

C

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	#	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middlemness Test	Approximate s Score	Total Speed	Strength and Speed
99			99					2.2								2.2		
98			98					2.0								2.0		
96			96					1.8								1.8		
94			94					1.6								1.6		
92			92					1.4								1.4		
88			88					1.2								1.2		
84			84					1.0								1.0		
79			79					.8								.8		
73			73					.6								.6		
66			66					.4								.4		
58			58					.2								.2		
50			50					0								0		
42			42					-0.2								-0.2		
34			34					-0.4								-0.4		
28			28					-0.6								-0.6		
21			21					-0.8								-0.8		
16			16					-1.0								-1.0		
11			11					-1.2								-1.2		
8			8					-1.4								-1.4		
6			6					-1.6								-1.6		
4			4					-1.8								-1.8		
2			2					-2.0								-2.0		
1			1					-2.2								-2.2		

Mean Raw	s Score
418	0
417	0
415	0
413	0
411	0
409	0
407	0
405	0
403	0
401	0
399	0
397	0
395	0
393	0
391	0
389	0
387	0
385	0
383	0
381	0
379	0
377	0
375	0
373	0
371	0
369	0
367	0
365	0
363	0
361	0
359	0
357	0
355	0
353	0
351	0
349	0
347	0
345	0
343	0
341	0
339	0
337	0
335	0
333	0
331	0
329	0
327	0
325	0
323	0
321	0
319	0
317	0
315	0
313	0
311	0
309	0
307	0
305	0
303	0
301	0
299	0
297	0
295	0
293	0
291	0
289	0
287	0
285	0
283	0
281	0
279	0
277	0
275	0
273	0
271	0
269	0
267	0
265	0
263	0
261	0
259	0
257	0
255	0
253	0
251	0
249	0
247	0
245	0
243	0
241	0
239	0
237	0
235	0
233	0
231	0
229	0
227	0
225	0
223	0
221	0
219	0
217	0
215	0
213	0
211	0
209	0
207	0
205	0
203	0
201	0
199	0
197	0
195	0
193	0
191	0
189	0
187	0
185	0
183	0
181	0
179	0
177	0
175	0
173	0
171	0
169	0
167	0
165	0
163	0
161	0
159	0
157	0
155	0
153	0
151	0
149	0
147	0
145	0
143	0
141	0
139	0
137	0
135	0
133	0
131	0
129	0
127	0
125	0
123	0
121	0
119	0
117	0
115	0
113	0
111	0
109	0
107	0
105	0
103	0
101	0
99	0
97	0
95	0
93	0
91	0
89	0
87	0
85	0
83	0
81	0
79	0
77	0
75	0
73	0
71	0
69	0
67	0
65	0
63	0
61	0
59	0
57	0
55	0
53	0
51	0
49	0
47	0
45	0
43	0
41	0
39	0
37	0
35	0
33	0
31	0
29	0
27	0
25	0
23	0
21	0
19	0
17	0
15	0
13	0
11	0
9	0
7	0
5	0
3	0
1	0

PLAYER PROFILE

DATE 2/28/69

POSITION Quarterback YEAR

D

NAME

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 Yard Dash	Middlemness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84	26					1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean Raw	106	165	118	31.2	43	225	549	31.3	24.3	4.9	6.24							
	77	205	70	31	119	37	62	3.5	2.5	5.7	8.2							
s Score																		

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99			69		2.2		99		69				2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79				83	.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-0.2		42	49					-0.2		
			34					-0.4		34						-0.4		
			28					-0.6		28						-0.6		
			21					-0.8		21						-0.8		
			16					-1.0		16					11	-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5	41.8	34.7	7.3	28.5				27.9	4.3	41.3	4.9	4.9	1.9			
Raw	73	207	9	36	7.2	27			30.5	5.8	25.5	4.5	5.5					
s Score																		

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean Raw	102.6	100.5	118	51.7	43	55.5	20	57.9	21.3	20.3	4.9	6.9	4.9	6.9	4.9	2.2	4.9	6.9
s Score	71	71	75	43	43	55.5	20	48	21.3	20.3	4.9	6.9	4.9	6.9	4.9	2.2	4.9	6.9

PLAYER PROFILE

NAME

C

POSITION Tailback

YEAR

DATE 2/28/69

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99						2.2			
			98					2.0		98						2.0			
			96					1.8		96						1.8			
			94					1.6		94						1.6			
			92					1.4		92						1.4			
			88					1.2		88						1.2			
			84					1.0		84						1.0			
			79					.8		79						.8			
			73					.6		73						.6			
			66					.4		66						.4			
			58					.2		58						.2			
			50					0		50						0			
			42					-.2		42						-.2			
			34					-.4		34						-.4			
			28					-.6		28						-.6			
			21					-.8		21						-.8			
			16					-1.0		16						-1.0			
			11					-1.2		11						-1.2			
			8					-1.4		8						-1.4			
			6					-1.6		6						-1.6			
			4					-1.8		4						-1.8			
			2					-2.0		2						-2.0			
			1					-2.2		1						-2.2			
Mean	226	145	42	507	73	115				529	413	213	49	614					
Raw	71	199	17	44	45	23				63	32	217	26	346					
s Score	1.1	1.9	1.2	1.1	1.3	1.6				1.1	1.2	1.1	1.3	1.6					

# Plays correct	Height	Weight	#	Chdn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical	Stops	Lateral	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Strength and Speed
			99					2.2									2.2		
			98					2.0									2.0		
			96					1.8									1.8		
			94					1.6									1.6		
			92					1.4									1.4		
			88					1.2									1.2		
			84					1.0									1.0		
			79					.8									.8		
			73					.6									.6		
			66					.4									.4		
			58					.2									.2		
			50					0									0		
			42					-.2									-.2		
			34					-.4									-.4		
			28					-.6									-.6		
			21					-.8									-.8		
			16					-1.0									-1.0		
			11					-1.2									-1.2		
			8					-1.4									-1.4		
			6					-1.6									-1.6		
			4					-1.8									-1.8		
			2					-2.0									-2.0		
			1					-2.2									-2.2		
Mean	17.5	201.5	118	117	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113
Raw	17.5	101	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
s Score	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

PLAYER PROFILE

NAME

C

POSITION Fullback

YEAR

DATE 2/28/69

% Plays correct	Height	Weight	%	Gain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Stops	Internal Quikness	40 yard Dash	Mileage	Test	Approximate s Score	Total Speed	Strength and Speed
			99					2.2		99							2.0		
			98					2.0		98							2.0		
			95					1.8		96							1.8		
			94					1.6		94							1.6		
			92					1.4		92				10			1.4		
			88					1.2		88							1.2		
			79		79			1.0		79							1.0		
		131	73					.8		73							.8		
			66					.6		66							.6		
			58					.4		58							.4		
			50					.2		50			36				.2		
			42					0	47	42	49						0	47	47
			34					-2		34							-2		
			28				31	-4		28							-4		
			21					-6		21							-6		
			16					-8		16							-8		
			11					-1.0		11							-1.0		
			8					-1.2		8							-1.2		
			6					-1.4		6		7					-1.4		
			4					-1.6		4							-1.6		
			2					-1.8		2							-1.8		
			1					-2.0		1							-2.0		
			2.2					-2.2		2.2							-2.2		
Mean	201.5	11.8	21.7	7.8	28.5			5.7	24.3	24.5	4.9	6.4					6.4		
Raw	63	218	8	4.8	7.0	27		5.8	27	27	4.7	6.2					6.2		
s Score	-2.5	1.8	-2.3	-1.5	-1.3	-1.5		0	-1.5	.2	1.3	-1.5					-1		-1.2

PLAYER PROFILE

NAME

D

POSITION

Fullback

YEAR

DATE 2/28/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Interval	40 yard Dash	Midlennose Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99			4.1			2.0			
			98					1.8		96						1.3			
			96					1.6		94						1.6			
			92					1.4		92				2.0		1.4			
			88					1.2		88						1.2			
			84					1.0		84						1.0			
			79					.8		79						.8			
			73					.6		73						.6			
			66				72	.4		66						.4			
			58					.2		58						.2			
		110	50					0		50		50				0		50	
			42					-.2	44	42						-.2			
			46					-.4		46						-.4			
			28					-.6		28		28				-.6			
			21					-.8		21						-.8			
			16					-1.0		16						-1.0			
			11					-1.2		11				13		-1.2			
			8					-1.4		8						-1.4			
			6					-1.6		6						-1.6			
			4					-1.8		4						-1.8			
			2					-2.0		2						-2.0			
			1					-2.2		1						-2.2			
Mean	72.6	207.5	11.8	32.7	1.3	28.5				52.9	21.3	24.3	4.9	4.9	4.9				
Max	80	210	11	31	2.6	30			55	31	29	4.1	4.1	4.1	4.1				
s Score	0		0	-1.9	-1.6	1.6			-2.3		-1.6	0	2.2	1.3	-1.1			2.6	2.6

Plays correct	Height	Weight	A	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	s.	Stool dumps	Vertical Steps	Interval	40 yard Dash	Readiness Test	Approximate s Score	Total Speed	Total Strength and Speed
99								2.2		99						2.2		
98								1.8		98						1.8		
95								1.6		95			76	76		1.6		
94								1.4		94						1.4		
92								1.2		92						1.2		
88								1.0		88		88				1.0	27	
84								.8		84						.8		
79								.6		79						.6		78
73								.4		73	73					.4		
66								.2		66						.2		
58								0		58						0		
50										50								
42				49				-.2		42						-.2		
34								-.4		34						-.4		
28								-.6		28						-.6		
21								-.8		21						-.8		
16								-1.0		16						-1.0		
11								-1.2		11						-1.2		
8								-1.4		8						-1.4		
6								-1.6		6						-1.6		
4								-1.8		4						-1.8		
2								-2.0		2						-2.0		
1								-2.2		1						-2.2		
Mean	72.6	204.5		11.8	37.7	4.3	22.5				57.9	24.3	24.3	4.9	6.9			
Raw	62	161		1	1	1	1				60	35	35	2.0	7.1			
s Score				1	3	1.0	0		48		26	1.2	1.9	1.9	2		1.16	.82

PLAYER PROFILE NAME _____ R _____ POSITION Split_End YEAR DATE 2/20/69

% Plays correct	Height	Weight	#	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vorsteal	Steps	Lateral Quickness	40 yard Dash	Middlemness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99	99						2.2		
			98					2.0		98							2.0		
			95					1.8		96							1.8		
			94					1.6		96							1.6		
			92	43				1.4		92							1.4		
			88					1.2		88							1.2		
			84					1.0		84							1.0		
			79				53	.8	82	79						83	.8		83
	76.7		73					.6		73							.6		74
			66					.4		66							.4		
			58					.2		58							.2		
			50					0		50							0		
			42					-2		42							-2		
			34					-.4		34							-.4		
		30.2	28					-.6		28							-.6		
			21					-.8		21							-.8		
			16					-1.0		16							-1.0		
			11					-1.2		11							-1.2		
			8					-1.4		8							-1.4		
			9					-1.6		9							-1.6		
			4					-1.8		4				6			-1.8		
			2					-2.0		2							-2.0		
			1					-2.2		1							-2.2		
Mean	73.6	204.5		44.8	34.7	7.3	28.5				57.9	31.3	2.4	4.9	6.1				
Raw	77.1	171		16	41	1.4	31				64	37	21	1.9	3.1				
s Score				1.0	1.5	1.4	1.0		-9.8		2.2	2.0	-1.6	-3	1.0			.78	.88

PLAYER PROFILE

NAME

C

POSITION Split-End

YEAR

DATE 2/29/69

#	Plays correct	Height	Weight	#	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate # Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Maddleness Test	Approximate # Score	Total Speed	Total Strength and Speed
99									2.2								2.2		
98									2.0								2.0		
96									1.8								1.8		
94									1.6								1.6		
92					90				1.4								1.4		
88									1.2								1.2		
84					87				1.0								1.0		
79									.8								.8		
73									.6	76							.6		
66							70		.4				77			69	.4		66
58		628							.2								.2		
50									0								.0	56	
42								49	-2								-2		
34		349							-4								-4		
28									-6								-6		
21									-8								-8		
16									-10								-10		
11									-12					74			-12		
8									-14								-14		
6									-16								-16		
4									-18								-18		
2									-20								-20		
1									-22								-22		
Mean	726	2015		118	377	23	2885					579	243	243	48	69.4			
PAW	73	1001		16	25	77	77					67	22	22	1.2	1.2			
s Score	60	63	25	0	7	7	7					8	16	1.1	3	5		22	46

% Plays correct	Height	Weight	%	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Headiness	Post	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99							2.2		
			98					2.0		98							2.0		
			95					1.8		96							1.8		
			94					1.6		94							1.6		
			92					1.4		92							1.4		
			83					1.2		83		88					1.2		
			84					1.0		84			80	79			1.0		
			79					.8		79							.8		
			73					.6		73							.6		
			66					.4		66							.4	66	
			58					.2		58							.2	66	
			50					0		50							0	66	54
			42					-2	46	42							-2		
			34					-4		34							-4		
			28					-6		28							-6		
			21					-8		21							-8		
			16				20	-1.0		16							-1.0		
			11					-1.2		11							-1.2		
			8					-1.4		8							-1.4		
			6					-1.6		6							-1.6		
			4					-1.8		4							-1.8		
			2					-2.0		2							-2.0		
			1					-2.2		1							-2.2		
Mean	726	2045		118	217	73	285				549	118	213	47	604				
Raw	43	187		33	67	67	21				23	35	26	27	21			46	16
s Score				-6	-6	.2	-8		-15		.2	42	.8	.9	.7			.46	.16

PLAYER PROFILE

NAME _____ A _____

POSITION Left End

YEAR _____

DATE 2/29/69

#	Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed		
99								2.0		99						2.0				
98								2.0		98						2.0				
95								1.8		96						1.8				
94								1.6		94						1.6				
92								1.4		92						1.4				
88			119				11	1.2		88		28				1.2				
84								1.0		84						1.0				
79								.8		79						.8				
73		Head						.6		73						.6				
66								.4		66						.4				
58								.2		58				61		.2				
50								0	54	50						0			50	
42				43				.2		42	49					.2			47	
34					38			.4		34						.4				
28						11		.6		28			31			.6				
21								.8		21						.8				
15								1.0		16						1.0				
11								1.2		11						1.2				
8								1.4		8						1.4				
6								1.6		6						1.6				
4								1.8		4					5	1.8				
2								2.0		2						2.0				
1								2.2		1						2.2				
Mean	72.6	204.5		11.8	37.7	7.3	28.5			57.9	31.3	24.3	4.9	69.4						
Raw	117	233		10	35	6.9	32			1.8	15	23	4.9	34						
s Score	-2	-2		-2	-2	-2	1.2		15	0	4.2	2.5	2.3	1.7					-1.4	1.005

PLAYER PROFILE NAME B POSITION Left End YEAR 2/29/69 DATE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	%	Stool jumps	Vertical	Stops	Interval	40 yard Dash	Kiddleness Test	Approximate Score	Total Speed	Total Strength and Speed
			99					2.2		99	99						2.2		
			98					2.0		98							2.0		
			95					1.8		96							1.8		
			94					1.6		94							1.6		
			92					1.4		92							1.4		
			88					1.2		88							1.2		
			84					1.0		84							1.0		
			79					.8		79							.8		
			73					.6		73							.6		
			66					.4		66							.4		
			58					.2		58							.2		
			50					0		50							0		
			42					-.2		42							-.2		
			34					-.4		34							-.4		
			28					-.6		28							-.6		
			21					-.8		21							-.8		
			15					-1.0		16							-1.0		
			11					-1.2		11							-1.2		
			8					-1.4		8							-1.4		
			6					-1.6		6							-1.6		
			4					-1.8		4							-1.8		
			2					-2.0		2							-2.0		
			1					-2.2		1							-2.2		
Mean	126	204.5	11.8	31.7	73	28.5				51.9	21.3	21.3	4.9	6.4					
Raw	75	210	6	40	42	25				76	27	25	4.8	7.7					
S Score	-1.3	4	-4	-1.3						2.2	-1.1	1.6	1.8	1.6				1.62	1.065

% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	s	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Madness Test	Approximate s Score	Total Speed	Total Strength and Speed
			29				2.2		99						2.2		
							2.0		98						2.0		
							1.8		96						1.8		
							1.6		94						1.6		
							1.4		92				20		1.4		
							1.2		88						1.2		
							1.0		84						1.0		
							.8		79			80			.8		
							.6		73						.6		
		66.3				12	.4	72	66						.4		
							.2		58						.2		
			57				0		50		50				0		56
							-0.2		42						-0.2		46
							-0.4		34						-0.4		
					28		-0.6		28						-0.6		
							-0.8		21						-0.8		
							-1.0		16						-1.0		
							-1.2		11					9	-1.2		
							-1.4		8		8				-1.4		
							-1.6		6						-1.6		
							-1.8		4						-1.8		
							-2.0		2						-2.0		
							-2.2		1						-2.2		
Mean Raw	72.6	204.5	118	317	73	28.5			57.9	31.3	24.3	4.9	6.2				
	70	212	25	31	86	30			41	31	26	4.7	4.9				
s Score	2.2	1.2	-1.6	1.6	-1.6	1.6			-4.4	0	1.8	1.3	-1.3			-1.5	0.23

% Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	Stool Jumps	Vertical	Stops	Lateral Quickness	40 yard Dash	Maddleness Test	Approximate Score	Total Speed	Total Strength and Speed
							2.2		66						2.2		
							2.0		98						2.0		
							1.8		96						1.8		
							1.6		94						1.6		
							1.4		92						1.4		
							1.2		88						1.2		
							1.0		84						1.0		
							.8		79						.8		
							.6		73						.6		
							.4		66						.4		
							.2		58						.2		
							0		50						0		
							-0.2		42						-0.2		
							-0.4		34						-0.4		
							-0.6		28						-0.6		
							-0.8		21						-0.8		
							-1.0		16						-1.0		
							-1.2		11						-1.2		
							-1.4		8						-1.4		
							-1.6		6						-1.6		
							-1.8		4						-1.8		
							-2.0		2						-2.0		
							-2.2		1						-2.2		
Mean	226	215	118	217	73	205			529	243	213		119	624			
Raw	196	196	177	172	57	133			60	55	55		57	525			
S Score								113	16	16	16		16	17		16	186

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate % Score	Total Strength	%	Stool jumps	Vertical	Stops	Lateral Quickness	40 yard Dash	Agility Test	Approximate % Score	Total Speed	Strength end	
			99					2.2		99										
			98					2.0		98										
			96					1.8		96										
			94					1.6		94										
			92					1.4		92										
			88					1.2		88										
			84					1.0		84										
			79					.8		79										
			72					.6		72										
			66					.4		66										
			58			60		.2		58										
			50					0		50										
			42					-0.2	45	42										
			34					-0.4		34										
			28					-0.6		28										
			21					-0.8		21										
			16					-1.0		16										
			11					-1.2		11										
			8					-1.4		8										
			6					-1.6		6										
			4					-1.8		4										
			2					-2.0		2										
			1					-2.2		1										
Mean	73.6	104.5	118	31.7	14.3	28.5					51.9	32.3	24.3	41.9	62.1					
Raw	25	199	11	33	6.0	24					53	36	26	49	70					
s Score	0	-6	1	-1.5					-2.2		-1.1	1.7	2.8	5	0			1.34	1.07	

PLAYER PROFILE

NAME A

POSITION lf. Halfback YEAR

DATE 2/29/69

% Plays correct	Height	Weight	#	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Headlessness Test	Approximate s Score	Total Speed	Total Strength and Speed										
			99					2.2		99						2.2												
			98					2.0		98						2.0												
			95					1.8		96						1.8												
			94					1.6		94						1.6												
			92			<u>92</u>		1.4		92	<u>22</u>			<u>90</u>		1.4												
			88					1.2		88						1.2												
			84					1.0		84			<u>80</u>			1.0												
			79					.8		79		<u>72</u>				.8												
			73					.6		73						.6		<u>66</u>										
	<u>628</u>		66					.4		66						.4	<u>72</u>											
			58	<u>65</u>				.2	<u>60</u>	58						.2	<u>72</u>											
			50					0		50						0												
			42				<u>49</u>	-2		42						-2												
			34					-4		34						-4												
			28					-6		28						-6												
			21		<u>26</u>			-8		21						-8												
			16					-10		16						-10												
			11					-12		11					<u>12</u>	-12												
		<u>8</u>	8					-14		8						-14												
			6					-16		6						-16												
			4					-18		4						-18												
			2					-20		2						-20												
			1					-22		1						-22												
Max	<u>726</u>	<u>2045</u>		<u>48</u>	<u>327</u>	<u>23</u>	<u>285</u>				<u>519</u>	<u>313</u>	<u>243</u>	<u>49</u>	<u>694</u>													
Raw	<u>73</u>	<u>175</u>		<u>12</u>	<u>32</u>	<u>47</u>	<u>28</u>				<u>66</u>	<u>21</u>	<u>80</u>	<u>47</u>	<u>53</u>													
s Score																	<u>4</u>	<u>-6</u>	<u>11</u>	<u>0</u>	<u>3</u>	<u>44</u>	<u>17</u>	<u>8</u>	<u>13</u>	<u>-11</u>	<u>62</u>	<u>46</u>

PLAYER PROFILE

NAME _____ B _____

POSITION If. Halfback YEAR _____

DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate Score	Total Speed	Total Strength and Speed
			99					2.2		99		99				2.2		
			98	97				2.0		98						2.0		
			95					1.8		96						1.8		
			94	95				1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8	73	79	78		80		.8	85	80	
			75					.6		75					.6			
			66					.4		66					.4			
			58					.2		58					.2			
			50			26		0		50					0			
			42					-2		42					-2			
			34					-4		34					-4			
			28					-6		28					-6			
			21					-8		21				27	-8			
			16					-1.0		16					-1.0			
			11					-1.2		11					-1.2			
			8				10	-1.4		8					-1.4			
			6					-1.6		6					-1.6			
			4					-1.8		4					-1.8			
			2					-2.0		2					-2.0			
			1					-2.2		1					-2.2			
Mean	22.6	204.5	11.8	54.7	7.3	28.5				51.9	31.3	24.3	4.9	69.4				
Raw	70	207	6.8	50	6.1	25			67	31	26	1.5	4.0				1.08	.87
s Score			6.7	2.0	.2	-1.3			.65	.8	2.2	1.8	2.2	-.6				

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool dumps	Vertical Stops	Interval Quikness	40 yard Dash	Haddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.0		99								
			98					1.8		98								
			96					1.6		96								
			94					1.4		94								
			92					1.2		92		88						
			88					1.0		88								
			88					.8		88								
			79		77			.6		79								
			73					.4	77	73								
			66					.2		66								
			58					0		58				61				61
			50							50								
			42			44		-2		42					44			
		41	34					-4		34								
	32.6		23					-6		23								
			21					-8		21								
			16					-1.0		16	76							
			11					-1.2		11								
			8					-1.4		8								
			6					-1.6		6								
			4					-1.8		4								
			2					-2.0		2								
			1					-2.2		1								
Mean	22.6	204.5	14.8	37.7	7.3	28.5					57.9	21.3	24.3	4.9	6.4			
Raw	77	195	20	47	6.6	32					54	25	24	1.9	6.1			
s Score			4	8	-2	1.3			58		-4.6	1.2	2.2	2.3	-2		1	-3.4

PLAYER PROFILE NAME D POSITION I.C. Halfback YEAR DATE 2/29/69

#	Plays correct	Height	Weight	Chain-ups	Free-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Handiness Test	Approximate Score	Total Speed	Strength and Speed
99								2.2		99						2.2		
98								2.0		98						2.0		
95								1.8		96						1.8		
94								1.6		94						1.6		
92								1.4		92						1.4		
88								1.2		88						1.2		
84								1.0		84						1.0		
79								.8		79						.8		
73								.6		73						.6		
66								.4	68	66					72	.4		
58								.2	67	58	59	59			67	.2	60	60
50								0		50			56			0		
42	142							-2		42						-2		
34								-4		34						-4		
28								-6		28						-6		
21								-8		21						-8		
16								-10		16						-10		
11								-12		11						-12		
8						40		-14		8						-14		
6								-16		6						-16		
4								-18		4						-18		
2								-20		2						-20		
1								-22		1						-22		
Mean	126	2045		118	317	23	285				519	213	213	49	694			
Rate	72	781		13	53	140	30				59	30	31	49	77			
S Score				15	22	-13	6		45		.2	.2	.2	.3	.6		.3	.4

PLAYER PROFILE

NAME _____ A _____

POSITION Ft. Hailback YEAR _____

DATE 2/29/69

\$ Plays correct	Height	Weight	\$	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	\$	Stool dumps	Vertical Stops	Internal Quickness	40 yard Dash	Huddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
99			99	2.2						99						2.2		
98				2.0						98						2.0		
96				1.8						96						1.8		
94				1.6						94						1.6		
92				1.4					43	92						1.4		
88	207			1.2		90				88		88				1.2		
84				1.0						84						1.0		
79				.8						79						.8		
73				.6						73						.6		78
66				.4						66						.4		
58				.2						58						.2		
50				0						50						0	58	
42				-.2						42						-.2		
34				-.4						34				34		-.4		
28				-.6						28			28			-.6		
21	27			-.8						21						-.8		
16				-1.0						16						-1.0		
11				-1.2						11						-1.2		
8				-1.4						8						-1.4		
9				-1.6						9						-1.6		
4				-1.8						4						-1.8		
2				-2.0						2						-2.0		
1				-2.2						1						-2.2		
Mean	226	204.5	448	277	77	205	529	213	243	419	694							
Raw	15	181	12	52	49	24	35	25	23	50	78							
s Score	4	22	7	22	73	22	153	12	15	23	25						26	8

PLAYER PROFILE

NAME B

POSITION Ft. Halfback YEAR

DATE 2/29/69

#	Plays correct	Height	Weight	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical	Stops	Lateral quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
99								2.2		99							2.2		
98								2.0		98							2.0		
96								1.8		96							1.8		
94								1.6		94							1.6		
92								1.4		92							1.4		
88								1.2		88							1.2		
84								1.0		84							1.0		
79								.8		79							.6		
73								.6		73							.4		
66								.4		66							.2		
58								.2		58							0		
.50								0		.50							0		
42								-.2		42							-.2		
34								-.4		34							-.4		
28								-.6		28							-.6		
21								-.8		21							-.8		
16								-1.0		16							-1.0		
11								-1.2		11							-1.2		
8								-1.4		8							-1.4		
6								-1.6		6							-1.6		
4								-1.8		4							-1.8		
2								-2.0		2							-2.0		
1								-2.2		1							-2.2		
Mean		72.6	204.5	11.8	3.11	7.3	28.0			5.19	31.3	24.3	4.9	6.94					
Raw		70	171	10	4.6	5.2	22			6.0	32	22	4.7	2.5					
s Score				-.2	4.3	1.1	1.9		1.03	1.6	-.6	-1.1	1.3	-.20				-.12	1/6

PLAYER PROFILE

NAME

A

POSITION Safety

YEAR

DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	%	Stool dumps	Vertical Steps	Internal Quickness	40 yard Dash	Headiness Test	Approximate Score	Total Speed	Strength and Speed
			99					2.0		99						2.0		
			98				22	2.0		98						2.0		
			95					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4	92	92						1.4		
			88					1.2		88	90					1.2		
			84					1.0		84						1.0		
			79					.8		79		26			80	.8		21
			73			11		.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2	60	
			50					0		50						0		
	44.2		42					-.2		42						-.2		
			34					-.4		34			31	39		-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
		16	16					-1.0		16						-1.0		
		11	11					-1.2		11						-1.2		
		8	8					-1.4		8						-1.4		
		6	6					-1.6		6						-1.6		
		4	4					-1.8		4						-1.8		
		2	2					-2.0		2						-2.0		
		1	1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	31.1	2.3	28.5				5.19	21.3	24.2	4.9	62.4			
Raw	72	205		23	44	5.8	37				6.3	27	28	5.0	81			
s Score			2.0	1.1	1.1	1.1	2.0		1.15		1.3	1.1	1.5	1.3	1.8		1.4	1.93

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Appropriate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Hindness Test	Appropriate s Score	Total Speed	Strength and Speed
			99					2.2		99	6					2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			95					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8	81	79			20		8	.6	77	79
			73					.6		73						.4		
			66					.4		66						.2		
			58					.2		58						0		
			50					0		50								
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
		72	8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	70.6	204.5	118	51.7	23	28.5	71	51.9	21.3	24.3	4.9	69.4						
Raw	70	181	116	50	51.7	31	69	69	21	21	5.0	86						
s Score			1.0	1.1	1.5	1.0	9	2.2	1.8	1.1	1.1	1.1					1.8	1.4

PLAYER PROFILE

NAME

C

POSITION Safety

YEAR

DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool dumps	Vertical Steps	Lateral Quikness	40 yard Dash	Heddeness Test	Approximate s Score	Total Speed	Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			95					1.8		95						1.8		
			46					1.6		46						1.6		
			46					1.4		46						1.4		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	204.5		11.8	33.1	7.3	28.1				5.19	24.3	24.3	4.9	69.4			
Raw	75	211		8	31	8.1	30				6.3	25	25	4.8	59			
s Score				-1.5	-5	-6	6				1.3	6	6.0	8	-6			

PLAYER PROFILE

NAME _____ A _____

POSITION O. Lf. Tackle YEAR _____

DATE 2/29/69

#	Plays correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	Stool jumps	Vertical Steps	Lateral Gaitness,	40 yard Dash	Haddleness Test	Approximate s Score	Total Speed	Total Strength and Speed
99								2.2							2.0		
98								2.0							2.2		
95								1.8							1.2		
94								1.6							1.6		
92								1.4							1.4		
88								1.2							1.2		
84								1.0							1.0		
79								.8							.8		
73								.6							.4		
66								.4							.4		
58								.2							.2		
50								0							0		
42				49				-2			43				-2		
34								-4							-4		
28				32				-6		28					-6		
21								-8							-8		23
16								-1.0							-1.0		
11								-1.2							-1.2		17
8					10			-1.4					10		-1.4		
6								-1.6							-1.6		
4								-1.8							-1.8		
2								-2.0							-2.0		
1								-2.2							-2.2		
Mean	73.6	204.5	118	377	413	285	579	213	243	4.9	68.4						
Raw	16	227	8	29	27	22	55	30	30	7.8	10						
s Score			-5	-1.7	-1.5	0	-1.6	-2	-1.9	-1.8	-1.0						

Mean Raw s Score

PLAYER PROFILE

NAME _____ C _____

POSITION, Lt. Tackle YEAR _____

DATE 2/29/69

#	Plays correct	Height	Weight	#	Chin-ups	Push-ups	Hops-climb	Sit-ups	Approximate % Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Handiness	Rest	Approximate % Score	Total Speed	Total Strength and Speed	
99									2.2		99							2.2			
98									2.0		98							2.0			
95									1.8		96							1.8			
45									1.6		94							1.6			
92									1.4		92							1.4			
88									1.2		88							1.2			
84									1.0		84							1.0			
79									.8		79							.8			
73									.6		73							.6			
66									.4		66							.4			
58									.2		58							.2			
50							52		0		50							0			
42	412	178						49	.2	37	42	49	37					.2	22	37	
34									.4		34							.4			
28									.6		28				26			.6	22		
21									.8		21							.8			
15						76			1.0		15		14					1.0			
11									1.2		11							1.2			
8									1.4		8							1.4			
6									1.6		6							1.6			
4									1.8		4							1.8			
2									2.0		2							2.0			
1									2.2		1							2.2			
Mean	726	204.5			118	327	73	28.5				579	579	243	49	684					
Raw	72	200			8	30	62	28				570	570	22	57	62					
s Score					-1.5	-1.0	0	0		-38		0	-1.4	-1.1	-1.6	-1.5			-5.2	-4.5	

PLAYER PROFILE

NAME _____ A _____ POSITION _____ Lt. Guard _____ YEAR _____ DATE 2/29/59

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate % Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Guickness	40 yard Dash	Middleness Test	Approximate % Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
	75.7		94					1.6		94						1.6		
			92					1.4		92						1.4		
			88				11	1.2		88						1.2		
		212	84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73		11				.6		
			66					.4		66		11				.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42					49	-.2	117	115
			34			11		-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21				26		-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11	11					-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	72.6	201.5	118	31.7	1.3	28.5					51.9	21.3	24.3	4.9	68.4			
Raw	76	236	71	23	6.7	32					53	23	25	5.7	67			
s Score	-1.0	-2.2	-2.2	-2.2	-2.2	4.3					-1.1	.6	.6	-1.6	0		-2.1	-1.9

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Addressness Test	Approximate Score	Total Speed	Total Strength and Speed
			69					2.2		99						2.0		
			66					2.2		93						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2		96						2.0		
			66					2.2		94						2.0		
			66					2.2										

Plays correct	Height	Weight	Chain-ups	Push-ups	Hope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool dumps	Vertical	Stops	Interval	Quickness	40 yard Dash	Kicklessness	Test	Approximate s Score	Total Speed	Total Strength and Speed
							2.2		99									2.2		
							2.0		93									1.6		
							1.8		95									1.6		
							1.7		96									1.4		
							1.4		96									1.2		
							1.2		88									1.0		
							1.0		88									.8		
							.8		79									.6		
							.6		73									.4		
							.4		66									.4		
							.2		58									.2		
							0		50									0		
									42											
									34											
									28											
									21											
									16											
									11											
									8											
									6											
									4											
									2											
									1											
Mean	72.6	204.5	118	31.7	7.3	28.5			57.9	31.3	21.3	4.9	6.94							
Raw	72	195	6	34	12.2	24			56	23	23	5.3	7.7							
s Score			-1.2	-1.5	-1.4	-1.2			-1.5	1	1	1	1	1	1	1	1	1	1	1

Mean Raw s Score

PLAYER PROFILE

NAME

A

POSITION Center

YEAR

DATE 2/29/69

#	Days correct	Height	Weight	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate Score	Total Strength	%	Stool dumps	Vertical Steps	Internal Gateknees	40 yard Dash	Middleness Test	Approximate Score	Total Speed	Strength and Speed
99								2.2		99						2.2		
98							76	1.8		98						1.8		
95								1.6		95						1.6		
94								1.4		94						1.4		
92								1.2		92						1.2		
88								1.0		88						1.0		
84								.8		84						.8		
79								.6		79						.6		
75			77					.4		75						.4		
66								.2		66						.2		
58								0		58						0		
50										50								
42						116		.2		42		43		49		.2		
34								.4		34						.4		
28								.6		28						.6		
21								.8		21						.8		
15								1.0		15						1.0		
11								1.2		11						1.2		
7								1.4		7						1.4		
3								1.6		3						1.6		
1								1.8		1						1.8		
Mean		72.6	204.5	42.8	317	2.3	28.5				57.9	34.3	24.5	4.9	6.9			
Std. Dev.		6.9	21.7	16	17	6.5	3.4				6.1	3.0	2.5	1.7	1.7			
									1.18		4.6	2	1.6	.5	0		4.6	1.82

PLAYER PROFILE

NAME

A

POSITION O. Rt. Guard YEAR

DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99						2.2			
			98					2.0		98						2.0			
			96					1.8		96						1.8			
			94					1.6		94		92.5				1.6			
			92					1.4		92						1.4			
			88					1.2		88						1.2			
			84					1.0		84						1.0			
			79					.8		79						.8			
			73					.6		73						.6			
			66					.4		66						.4			
			58					.2		58						.2			
			50					0		50						0			
			42					-.2		42	49					-.2			
			34					-.4		34						-.4			
			28					-.6		28						-.6			
			21					-.8		21						-.8			
			16					-1.0		16						-1.0			
			11					-1.2		11						-1.2			
			8					-1.4		8						-1.4			
			6					-1.6		6						-1.6			
			4					-1.8		4						-1.8			
			2					-2.0		2						-2.0			
			1					-2.2		1						-2.2			
Mean	219.5	234.5	58.8	32.7	2.8	38.5					52.9	21.3	24.3	4.9	69.4				
Raw	76	217	7	3.0	6.1	12.0					51	7.0	7.1	1.0	6.0				
s Score	-1.0	-1.0	0	0	0	0	0	0	0	0	0	1.1	1.1	1.6	0	0	0	0	1.2

PLAYER PROFILE

NAME _____ B _____ POSITION O. Rt. Guard YEAR _____ DATE 2/20/69

% Plays correct	Height	Weight	#	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Strength and Speed
			99					2.2								2.2		
			98					2.0								2.0		
			96					1.8								1.8		
			94					1.9								1.6		
			92					1.4								1.4		
			88					1.2								1.2		
			84					1.0								1.0		
			79					.8								.8		
			73					.6								.6		
			66					.4								.4		
			58					.2								.2		
			50					0								0		
			42					-.2								-.2		
			34					-.4								-.4		
			28					-.6								-.6		
			21					-.8								-.8		
			16					-1.0								-1.0		
			11					-1.2								-1.2		
			8					-1.4								-1.4		
			6					-1.6								-1.6		
			4					-1.8								-1.8		
			2					-2.0								-2.0		
			1					-2.2								-2.2		
Mean	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7
Raw	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7	11.8	31.7
s Score	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Steps	Lateral quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Strength and Speed
			99					2.2		99							2.2		
			98					2.0		98							2.0		
			96					1.8		96							1.8		
			94					1.6		94							1.6		
			92					1.4		92							1.4		
			88					1.2		88							1.2		
			84					1.0		84							1.0		
			79					.8		79							.8		
			73					.6		73							.6		
			66					.4		66							.4		
			58					.2		58	57						.2		
			50					0		50							0		
			42					-.2		42							-.2		
			34					-.4		34							-.4		
			28					-.6		28					26		-.6		
			21					-.8		21							-.8		
			16					-1.0		16							-1.0		
			11					-1.2		11							-1.2		
			8					-1.4		8							-1.4		
			6					-1.6		6							-1.6		
			4					-1.8		4							-1.8		
			2					-2.0		2							-2.0		
			1					-2.2		1							-2.2		
Mean											57	7							
Raw											57	7							
s Score											57	7							
											57	7							

DATE 2/29/59

POSITION O BT 7-0-2 YEAR 6

PLAYER PROFILE NAME _____

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Stops	Lateral Quickness	40 yard Dash	Middleness	Test	Approximate s Score	Total Speed	Total Strength and Speed
		117	99					2.2		99								2.2		
			96					2.0		98								2.0		
			96					1.8		96								1.8		
			94					1.6		94								1.6		
			92					1.4		92								1.4		
			88					1.2		88								1.2		
			84					1.0		84								1.0		
			79					.8		79								.8		
			73					.6		73								.6		
			66					.4		66								.4		
			58					.2		58								.2		
			50					0		50								0		
			42					-.2		42								-.2		
			34					-.4		34								-.4		
			28					-.6		28								-.6		
			21					-.8		21								-.8		
			16					-1.0		16								-1.0		
			11					-1.2		11								-1.2		
			8					-1.4		8								-1.4		
			6					-1.6		6								-1.6		
			4					-1.8		4								-1.8		
			2					-2.0		2								-2.0		
			1					-2.2		1								-2.2		
Mean	126	204.5		118	50	4.3	225				579	243	243	119	68.4					
Raw	123	203		50	50	10.0	50				119	243	243	119	5.7					
s Score	-1.1	-1.0		-1.1	-1.0	-1.0	-1.0		-1.1	-1.0	-1.5	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1

PLAYER PROFILE NAME _____ B POSITION O. Rt. Tackle YEAR DATE 2/20/69

% Plays correct	Height	Weight	%	Chn-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99							2.2			
			98					2.0		98							2.0			
			96					1.8		96							1.8			
			94					1.6		94							1.6			
			92					1.4		92							1.4			
			88					1.2		88							1.2			
			84					1.0		84	28						1.0			
			79					.8		79							.8			
			73					.6		73							.6			
			66					.4		66		5.9					.4			
			58					.2		58							.2			
			50					0		50							0			
			42					-.2		42							-.2			46
			34					-.4		34							-.4			
			28					-.6		28							-.6			
			21					-.8		21							-.8			
			16					-1.0		16							-1.0			
			11					-1.2		11							-1.2			
			8					-1.4		8							-1.4			
			6					-1.6		6							-1.6			
			4					-1.8		4							-1.8			
			2					-2.0		2							-2.0			
			1					-2.2		1							-2.2			
Mean	176	215		11.8	217	5.3	21.5				5.19	1.8	1.9	1.9	1.9	1.9				
Raw	177	223		12.1	221	5.7	22.0				6.2	2.2	2.2	2.2	2.2	2.2				
s Score				-1.5		-1.5					1.1	1.2	1.2	1.2	1.2	1.2				-1.7

PLAYER PROFILE

NAME _____ C _____ POSITION O. Rt. Tackle YEAR _____ DATE 2/20/69

% Plays correct	Height	Weight	#	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58	57					.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

Mean Raw	s Score
106	11
101	11
100	11
99	11
98	11
97	11
96	11
95	11
94	11
93	11
92	11
91	11
90	11
89	11
88	11
87	11
86	11
85	11
84	11
83	11
82	11
81	11
80	11
79	11
78	11
77	11
76	11
75	11
74	11
73	11
72	11
71	11
70	11
69	11
68	11
67	11
66	11
65	11
64	11
63	11
62	11
61	11
60	11
59	11
58	11
57	11
56	11
55	11
54	11
53	11
52	11
51	11
50	11
49	11
48	11
47	11
46	11
45	11
44	11
43	11
42	11
41	11
40	11
39	11
38	11
37	11
36	11
35	11
34	11
33	11
32	11
31	11
30	11
29	11
28	11
27	11
26	11
25	11
24	11
23	11
22	11
21	11
20	11
19	11
18	11
17	11
16	11
15	11
14	11
13	11
12	11
11	11
10	11
9	11
8	11
7	11
6	11
5	11
4	11
3	11
2	11
1	11

PLAYER PROFILE

NAME

A

POSITION D. Lt. Tackle YEAR

DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99						2.2			
			98					2.0		96						1.8			
			96					1.6		94						1.6			
			94					1.4		92						1.4			
			92					1.2		88						1.2			
			88					1.0		84						1.0			
			84					.8		79						.8			
			79					.6		73						.6			
			73					.4		66						.4			
			66					.2		58						.2			
			58					0		50						0			
			50							42									
			42							34									
			34							28									
			28							21									
			21							16									
			16							11									
			11							8									
			8							6									
			6							4									
			4							2									
			2							1									
			1																
Mean	70.6	214.5		4.8	34.7	1.3	28.5				5.9	1.0	2.3	1.1	49.4				
Raw	4.1	22.5		1.2	11.5	1.3	3.1				5.7	2.0	5.2	5.7	6.7				
s Score				1.1	1.2	1.0	1.0		1.5		1.2	1.7	2.1	1.3	1.0		1.3	1.0	

PLAYER PROFILE

NAME

R

POSITION D. Lt. Tech. YEAR

DATE 2/29/69

# Plays correct	Height	Weight	#	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	#	Stool jumps	Vertical	Steps	Lateral	Quickness	40 yard Dash	Middlemness	Test	Approximate s Score	Total Speed	Total Strength and Speed	
99			99					2.2											2.2			
98			98					2.0											2.0			
96			96					1.8											1.8			
94			94					1.6											1.6			
92			92					1.4											1.4			
88			88					1.2											1.2			
84			84					1.0											1.0			
79			79					.8											.8			
73			73					.6											.6			
66			66					.4											.4			
58			58					.2											.2			
50			50					0						58		61			0			
42			42					-0.2											-0.2			
34			34					-0.4											-0.4			
28			28					-0.6											-0.6			
21			21					-0.8											-0.8			
16			16					-1.0											-1.0			
11			11					-1.2											-1.2			
8			8					-1.4											-1.4			
6			6					-1.6											-1.6			
4			4					-1.8											-1.8			
2			2					-2.0											-2.0			
1			1					-2.2											-2.2			

Mean Raw

44.8 22.4

s Score

2.2 2.2

98.2 98.2

PLAYER PROFILE

NAME

A

POSITION S. Linebacker YEAR

DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			66					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean Raw			11.8	11.7	11.5	11.5	11.5			11.5	11.3	11.3	11.3	11.3	11.3			
s Score			5	7	7	7	7		10.3	10.3	10.3	10.3	10.3	10.3	10.3		10.1	10.1

PLAYER PROFILE

NAME _____ POSITION S. Linebacker YEAR _____ DATE 2/20/59

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Midlength Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean		204.5		5.8	37.7	1.8	0.5			5.49	3.8	2.3	2.3	1.9	6.24			
Raw		100		50	25	10.7	1			100				100				
s Score		-1.5		-1.1	-1.0				-1.78		-1.6	-1.5	-1.5	-1.8			-1.4	-1.9

PLAYER PROFILE

NAME

C

POSITION 9 Linebacker YEAR

DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

Mean Raw

317	317	43	43	245	245	313	313	413	413	69.4	69.4
73	73	197	197	72	72	72	72	72	72	72	72
s Score	s Score	1	1	1	1	1	1	1	1	1	1

DATE 2/29/60

YEAR

POSITION Nose

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Stops	Lateral	Quickness	40 yard Dash	Middlemness	Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99									2.2			
			98					2.0		98									2.0			
			96					1.8		96									1.8			
			94					1.6		94									1.6			
			92					1.4		92									1.4			
			88					1.2		88									1.2			
			84					1.0		84									1.0			
			79					.8		79									.8			
			73					.6		73									.6			
			66					.4		66									.4			
			58					.2		58									.2			
			50					0		50									0			
			42					-.2		42									-.2			
			34					-.4		34									-.4			
			28					-.6		28									-.6			
			21					-.8		21									-.8			
			16					-1.0		16									-1.0			
			11					-1.2		11									-1.2			
			8					-1.4		8									-1.4			
			6					-1.6		6									-1.6			
			4					-1.8		4									-1.8			
			2					-2.0		2									-2.0			
			1					-2.2		1									-2.2			
Mean	104.5	204.5		148	214	43	103				549	213	243	449	334							
Raw	70	200		102	144	23	73				353	141	161	275	203							
s Score	2.0	2.0		2.0	2.0	2.0	2.0		1.5		1.1	1.1	1.1	1.1	1.1							

PLAYER PROFILE

NAME A POSITION B, Linebacker YEAR DATE 2/20/69

% Plays correct	Height	Weight	#	Chain-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		98						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88				11	1.2		88		22				1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

Mean Raw	118	149	248	225	148	248	225	248	225	148	248	225	148	248	225	148	248	225
s Score	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

PLAYER PROFILE NAME POSITION R. Linbacker YEAR DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Cutkness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		

Mean Raw	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
s Score	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

PLAYER PROFILE NAME _____ A _____ POSITION D. Rt. Tackle YEAR _____ DATE 2/29/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed
99			99					2.2								2.2		
98			98					2.0								2.0		
96			96					1.8								1.8		
94			94					1.6								1.6		
92			92					1.4								1.4		
88			88					1.2								1.2		
84			84					1.0								1.0		
79			79					.8								.8		
73			73					.6								.6		
66			66					.4								.4		
58			58					.2								.2		
50			50					0								0		
42			42					-.2								-.2		
34			34					-.4								-.4		
28			28					-.6								-.6		
21			21					-.8								-.8		
16			16					-1.0								-1.0		
11			11					-1.2								-1.2		
8			8					-1.4								-1.4		
6			6					-1.6								-1.6		
4			4					-1.8								-1.8		
2			2					-2.0								-2.0		
1			1					-2.2								-2.2		
Mean			118															
Raw			11															

s Score _____

DATE 2/29/69

POSITION D. Pt. Tackle YEAR

B

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Stops	Lateral Quickness	40 yard Dash	Middleness	Test	Approximate s Score	Total Speed	Total Strength and Speed
			99					2.2		99							2.2		
			98					2.0		98							2.0		
			96					1.8		96							1.8		
			94					1.6		94							1.6		
			92					1.4		92							1.4		
			88					1.2		88							1.2		
			84					1.0		84							1.0		
			79					.8		79							.8		
			73					.6		73							.6		
			66					.4		66							.4		
			58					.2		58							.2		
			50					0		50							0		
			42					-.2		42							-.2		
			34					-.4		34							-.4		
			28					-.6		28							-.6		
			21					-.8		21							-.8		
			16					-1.0		16							-1.0		
			11					-1.2		11							-1.2		
			8					-1.4		8							-1.4		
			6					-1.6		6							-1.6		
			4					-1.8		4							-1.8		
			2					-2.0		2							-2.0		
			1					-2.2		1							-2.2		
Mean			16.8	34.1	2.9	1.5		5.9	31.3	16.3	4.3	6.9							
Raw			2.5	4	6.0	2.5		5.8	3.5	2.8	2.8	2.1							
s Score			1.7	1.1	1.1	1.8		1.8	1.2	1.4	1.8	1.7						1.6	1.6

DATE 2/29/69

YEAR

POSITION Monster

A

NAME

PLAYER PROFILE

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool dumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate z Score	Total Speed	Total Strength and Speed
			99					2.2		99						2.2		
			98					2.0		98						2.0		
			96					1.8		96						1.8		
			94					1.6		94						1.6		
			92					1.4		92						1.4		
			88					1.2		88						1.2		
			84					1.0		84						1.0		
			79					.8		79						.8		
			73					.6		73						.6		
			66					.4		66						.4		
			58					.2		58						.2		
			50					0		50						0		
			42					-.2		42						-.2		
			34					-.4		34						-.4		
			28					-.6		28						-.6		
			21					-.8		21						-.8		
			16					-1.0		16						-1.0		
			11					-1.2		11						-1.2		
			8					-1.4		8						-1.4		
			6					-1.6		6						-1.6		
			4					-1.8		4						-1.8		
			2					-2.0		2						-2.0		
			1					-2.2		1						-2.2		
Mean	19.6	145	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
Raw	19.5	145	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
s Score	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11

PLAYER PROFILE

NAME

C

POSITION Monster

YEAR

DATE 2/20/69

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical Steps	Lateral Quickness	40 yard Dash	Middleness Test	Approximate s Score	Total Speed	Total Strength and Speed	
			99					2.2		99						2.2			
			98					2.0		98						2.0			
			96					1.8		96						1.8			
			94					1.6		94						1.6			
			92					1.4		92						1.4			
			88					1.2		88						1.2			
			84					1.0		84						1.0			
			79					.8	21	79		26	80		71	.8	22	22	
			73					.6		73						.6			
			66					.4		66						.4			
			58					.2		58	34					.2			
			50					0		50						0			
			42					-.2		42						-.2			
			34					-.4		34						-.4			
			28					-.6		28						-.6			
			21					-.8		21						-.8			
			16					-1.0		16						-1.0			
			11					-1.2		11						-1.2			
			8					-1.4		8						-1.4			
			6					-1.6		6						-1.6			
			4					-1.8		4						-1.8			
			2					-2.0		2						-2.0			
			1					-2.2		1						-2.2			
Mean	73	118	11.8	117	113	113	115				119	113	113	113	113				
Raw	73	118	11.8	117	113	113	115				119	113	113	113	113				
s Score									19				8				61	63	

PLAYER PROFILE

NAME D

POSITION Monster

YEAR

DATE 2/20/60

% Plays correct	Height	Weight	%	Chin-ups	Push-ups	Rope-climb	Sit-ups	Approximate s Score	Total Strength	%	Stool jumps	Vertical	Steps	Lateral	Quickness	40 yard Dash	Middleness	Test	Approximate s Score	Total Speed	Total Strength and Speed	
99			99					2.2		99										2.2		
98			98					2.0		98										2.0		
96			96				77	1.8		96										1.8		
94			94					1.6		94										1.6		
92			92					1.4		92										1.4		
88			88					1.2		88										1.2		
84			84					1.0		84										1.0		
79			79					.8		79										.8		
73			73					.6		73										.6		
66			66					.4		66										.4		
58			58					.2	60	58										.2		
50			50					0		50										0		52
42			42					-.2		42		13								-.2	77	
34			34					-.4		34										-.4		
28			28					-.6		28				21						-.6		
21			21					-.8		21										-.8		
16			16					-1.0		16										-1.0		
11			11					-1.2		11										-1.2		
8			8					-1.4		8		7								-1.4		
6			6					-1.6		6										-1.6		
4			4					-1.8		4										-1.8		
2			2					-2.0		2										-2.0		
1			1					-2.2		1										-2.2		
Mean				168	200	11	118				547	443	117	117								
Raw				106	106	11	106				21	21	21	21								
s Score				1	1	1	1				1	1	1	1								11

SPRING-TRAINING CONDITIONING AS A PREDICTOR
OF FOOTBALL PLAYER PERFORMANCE

by

JAMES IRA MOSTELLER

B.A., Wichita State University, 1967

AN ABSTRACT OF A MASTER'S THESIS

submitted in partial fulfillment of the

requirements for the degree

MASTER OF SCIENCE

Department of Physical Education

KANSAS STATE UNIVERSITY
Manhattan, Kansas

ABSTRACT

At Kansas State University, the Freshman, Sophomore, and Junior Football players took part in an eight weeks off-season program, which involved a rigorous work-out conditioning program. The measuring of eight variables (chin-ups, push-ups, rope climb, sit-ups, stool jumps, vertical steps, lateral quickness, and the 40 yard dash) were a regular weekly part of the program. A criterion group ($N = 49$) was established and the percentage of correct plays to total plays (PPC) was determined by the appropriate coach (line, backfield, end, etc.) who reviewed the films for nine games of the 1968 Fall season. A step-wise multiple regression equation was determined in which the eight variables noted above together with height, weight, and a Middleness test served as factors. A separate equation was computed for the Line and Backfield positions. The five variables contributing the greatest amount of the multiple correlation coefficient ($r = 0.60$) for the Line men were: (1) Lateral Quickness; (2) Vertical Steps; (3) Rope Climb; (4) Middleness Test; and (5) Weight. The variables contributing to the multiple correlation coefficient ($r = 0.70$) for the Backfield were: (1) Lateral Quickness; (2) Rope Climb; (3) Weight; (4) 40 Yard Dash; and (5) Middleness Test. Using the regression equation, the PPC was predicted for 37 varsity players and 37 players who had not played varsity football. From the

regression, the predicted PPC for each player was placed accordingly on the first, second, third, and fourth string ranking. This ranking was compared against the coaching staff ranking. The Backfield and Linemen positions were ranked 35.1% correct. The Linemen were mis-ranked by one place 45.9% and the Backfield 35.1%. The consensus among the coaches was that the regression estimate was an excellent indicator of the motivational level of the players during the off-season program.