LEADER BOARD

ATARI ST
By Bruce & Roger Carver

Please read thoroughly before playing.

ACCESS welcomes you to the exciting world of professional golf with **LEADER BOARD. LEADER BOARD** is the most realistic golf game ever developed for the home computer because it gives you a true perspective view of each golf shot you take.

LEADER BOARD is a game of concentration, co-ordination and control. You will need to judge distance accurately in choosing your club and power of your swing. With practice, you will soon be playing **LEADER BOARD** like a touring professional.

OBJECT OF THE GAME is to sink the ball into each hole by hitting the ball with a club the least number of times possible. Avoid hazards that add extra "strokes" (hits with the club) to your score. Low score wins.

LOADING INSTRUCTIONS

1. A security key has been provided. The disk is not protected and you may make back-up copies for your archives. The security key must be plugged into the rear joystick port on the 520, or the right joystick port on the 1040, for **LEADERBOARD** to load properly.
2. Plug the mouse into the front port on the 520, and the left port on the 1040.
3. Turn on the disk drive and monitor.
4. Insert the disk in drive A and monitor.
5. First you will see the title screen. Press any key or the button on the mouse to continue.
6. If you experience problems in loading the game, refer to the trouble shooting section at the end of this manual.

NOTE: Security key must be inserted for game to operate properly.

EXPLANATION: Early versions of the ATARI 520 ST contain a poorly implemented keyboard controller which will not allow keyboard input during joystick movement. The ST version of LEADER BOARD uses the joystick port for the security key and thus will lock out the keyboard on all these early machines. ATARI has been vague about the number of machines which were manufactured with this keyboard. Estimates range from 200 to 1500 units. Some sources at ATARI claim that dealers can trade old keyboards and $25.00 for new keyboards. We have yet to verify this claim, however.

To solve the problem, we have added a **"mouse only"** option to our **ATARI ST VERSION 2.0 LEADER BOARD.** Users with old machines can play the game by using only the mouse. Keyboard input is still not possible since the 520 hardware will not allow it. Users with newer machines will have the option of "mouse/keyboard" or "mouse only" input. The following instructions explain how the mouse may be used in place of the keyboard for player and option selections.

SELECT NUMBER OF PLAYERS
LEFT BUTTON ..... SCROLL THROUGH OPTIONS
RIGHT BUTTON ..... SELECT OPTION

ENTER PLAYER NAME
LEFT BUTTON ..... STEP THROUGH ALPHABET (REVERSE)
RIGHT BUTTON ... STEP THROUGH ALPHABET (FORWARD)
UP/DOWN MOVEMENT ..... SELECT CHARACTER

Only upper case letters A – Z are available for player names. Use the "«" to delete a character (backspace)

Use the "=" to record the player name (same as the RETURN key).

SELECT PLAYER ABILITY LEVEL
LEFT BUTTON ..... SCROLL THROUGH OPTIONS
RIGHT BUTTON ..... SELECT OPTION

SELECT NUMBER OF HOLES
LEFT BUTTON ..... SCROLL THROUGH OPTIONS
RIGHT BUTTON ..... SELECT OPTION

SELECT COURSES
LEFT BUTTON ..... SCROLL THROUGH OPTIONS
RIGHT BUTTON ..... SELECT OPTION

EXIT (ABORT PLAY)
To cancel a game or return from the driving range, do the following:–

1. When the golfer is ready to hit the ball (not putting), move the direction cursor to the far right edge of the screen. The word **"EXIT"** will appear in the lower right screen area.
2. While holding down the left button, move the mouse to the right and press the right button.

NOTE: Because of the large memory requirements of LEADER BOARD, a traditional mouse/cursor implementation is not possible. For those of you with the "poor keyboard", we regret the inconvenience that "mouse only" input causes.

SETTING UP THE GAME

SELECT NUMBER OF PLAYERS
LEADER BOARD can accommodate up to four players, press 1, 2, 3 or 4.

ENTER PLAYER NAMES AND ABILITY LEVELS
Type in the name for the 1st player. Now select the ability level for the 1st player. Each player can compete under conditions that match his or her level of ability and experience. Press (N) for NOVICE, (A) for AMATEUR, or (P) for PROFESSIONAL. Below is a description of each level.

ABILITY	DESCRIPTION
Novice	Beginner Level – When a shot is taken on this level, it will not hook or splice or be affected by the wind.
Amateur	Intermediate Level – Shots at this level will not be affected by the wind.
Professional	Advanced Level – No restrictions on wind or hook and slice.

After entering the NAME and ABILITY for the 1st player, do the same for each of the other players.

SELECT NUMBER OF HOLES
LEADER BOARD allows you to play from 18 – 72 holes with computerised scoring. To select the number of holes:

Type (1) 18 Holes (2) 36 Holes (3) 54 Holes (4) 72 Holes

SELECT COURSES
There are four different courses to play. Each varies in difficulty. If you have selected more than 18 holes, you can play the courses in any order. For example; if selected 72 holes and wish to play all courses enter 1 2 3 4 or 2 3 4 1 or 4 1 2 3 etc. To play the same course four times, enter 1 1 1 1 or 2 2 2 2 etc.

PLAYING THE GAME

SELECT A CLUB
Club selection is made by moving the mouse forward or back. The following table lists the range of each golf club.

CLUB	SHORTEST	LONGEST
1W 1 Wood	156	271 252
3W 3 Wood	135	245 235
5W 5 Wood	128	234 230
1I 1 Iron	110	220 220
2I 2 Iron	100	210 215
3I 3 Iron	88	202 211
4I 4 Iron	70	189 193
5I 5 Iron	67	181 188
6I 6 Iron	55	169 177
7I 7 Iron	50	153 162
8I 8 Iron	36	138 149
9I 9 Iron	26	117 125
PW Pitching Wedge	11	83 85
Putter*	1"	64'

* The computer automatically selects the putter for you when you are playing on the green (within 64 feet of the hole). This is the only club you can use on the green.

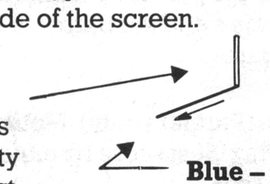
EXCEPTIONS
Shots from the rough
Any club selected will consistently function as if it were 2 sizes smaller. For example, a 7 iron will function as a 9 iron etc.

Sandtraps (Bunkers)
Using woods in the sandtraps is a gamble. Unless you hit a near perfect shot, chances are your shot will be very poor. A good shot from the sand requires that you hit the snap within one bar

(above or below) of dead centre. Irons are a better choice, but are unpredictable. If you make a good shot, the club chosen will send the ball the maximum distance of a club 2 sizes smaller.

AIM YOUR SHOT
Use the cursor to aim the direction of the flight of the ball. The cursor is located several yards in front of the golfer. To control the cursor, move the mouse from left to right. If you are playing on the professional level, be sure to check for wind effect.

WIND
(Professional Level Only) Wind can have a substantial effect on your golf shot. To control its effect, you need to learn to read the wind indicator on the right side of the screen.



White – The white stake indicates wind velocity. If this marker is tall, the wind velocity could have a substantial effect on your shot. The shorter the white stake, the less the wind will be a factor.

Blue – The blue line indicates the direction the wind is blowing. The line acts as a streamer. If the lines are toward you, the wind is blowing toward you.

SWING THE CLUB AND HIT THE BALL
Once you have selected your club and positioned the cursor to aim your shot, there are only three more things to do before the ball is on its way; start the swing, set the power, and snap your wrists to control hook or slice.

All three are accomplished during the swing sequence and require careful timing and concentration. The sequence can be viewed by watching the golfer or the power/snap indicator.

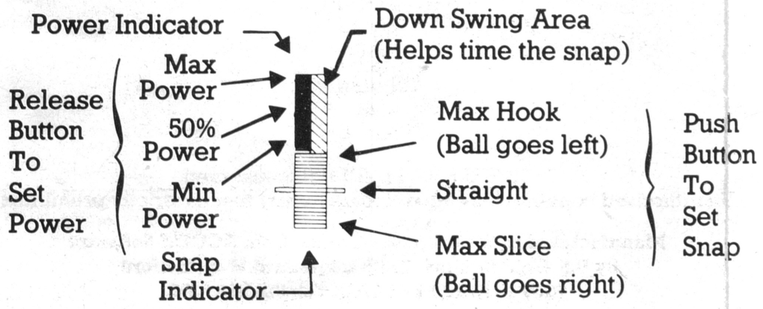
NOTE: The button you use in the following sequences is the RIGHT button.

Step 1 Start the swing by holding down the button.

Step 2 Set the power by releasing the button during the backswing. Power is at maximum only at the top of the backswing. Releasing the button at the top will set maximum power. Releasing the button just before or just after the top will reduce the power slightly. Releasing the button well before or after the top will reduce the power.

The amount of power available during backswing is shown on the upper left portion of the power/snap indicator. When the button is released, the setting you have chosen will be locked on the indicator.

THE POWER SNAP INDICATOR



Step 3 Set the snap by pressing the button at or near contact with the ball. Snapping just as the club hits the ball (or at the Tee Bar on the snap indicator) will produce a straight hit. Snapping too soon will cause the ball to "hook" (go left). Snapping too late will cause the ball to "slice" (go right). When the button is pressed, the point of the snap will be locked on the indicator.

The swing sequence then is: **Start – Power – Snap** or **Button – Release – Button**.

The best way to learn to hit the ball straight consistently is to practice on the driving range.

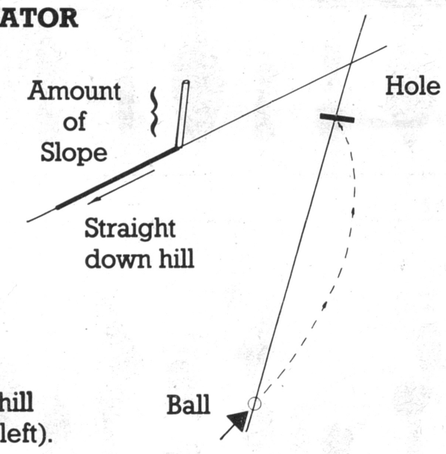
PUTTING
Once you get within 64 feet of the hole the computer will automatically place you on the green and remove the pin (the pole with the flag). You cannot change clubs at this point since the putter is the only club you can use on the green.

To putt the ball, you need to do only two things; aim your shot and set the power.

Use the cursor as before to aim the shot. The ball will start out in this direction. The ball may break left or right depending on the slope of the green. To determine the amount and direction of break, you must learn to read the slope indicator which appears on the green to the left of the golfer.

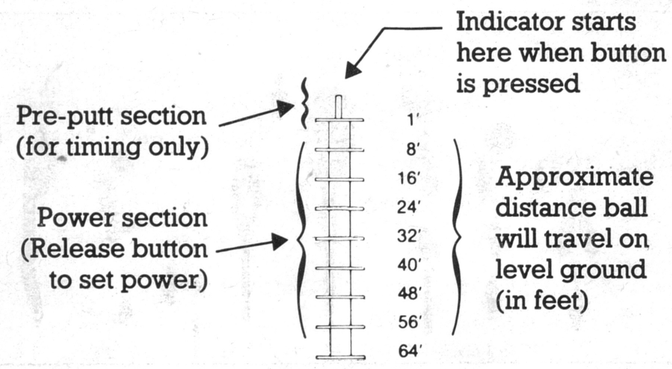
Estimate the power needed by noting the distance to the hole. Press the RIGHT button and hold it until the power level is sufficient to reach the hole and then release it. The golfer will putt automatically. Refer to the figures following.

SLOPE INDICATOR



(This putt is uphill breaking hard left).

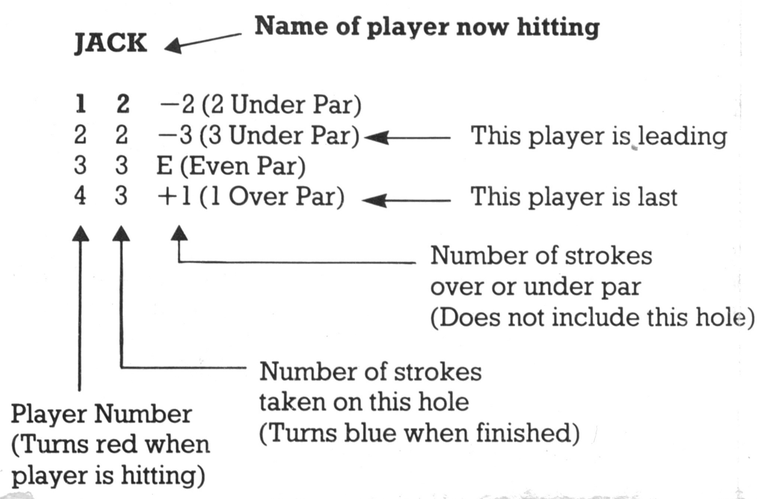
POWER INDICATOR



READING THE SCORE

The scoring indicator is displayed on the right of the screen. The indicator shows which player is hitting, which players are in the hole, how many strokes each has taken this hole, and how each player's total score compares to par for the course. Par represents the number of strokes a good player should have used by the time he or she got to this hole. If your score is '−5' for example, that means you are 5 strokes under par or 5 strokes less than the good player (which is good). An 'E' means you are even par or just equal to the good player. A '+5' means you're 5 strokes over par. The par comparisons do not reflect the scores for the current hole.

SCORING INDICATOR



RULES FOR SCORING

(1) You receive 1 point (stroke) each time you hit the ball, regardless of the distance it travels.

(2) You receive a distance penalty if you hit a ball out of bounds, into a water hazard, or into the mud.

(3) Low score wins.

RULES OF THE GAME

(1) PLAY AS IT LAYS. You must play the ball from the position in which it lands. Exceptions are: out of bounds and those that land in the water or mud. (See blow).
(2) OUT OF BOUNDS (water holes only). If your swing takes the ball out of bounds, you will hear a BUZZER. On holes played over water a shot which leaves the screen is ruled "out of bounds". You are penalised distance and the ball is returned to its original position. It is still your turn.
(3) IN THE WATER. If you ball lands in a water hazard, you will see and hear a SPLASH. You are penalised distance and the ball is automatically placed back at the point from which you took your shot in the first place.
(4) IN THE MUD. If your ball hits the side of an island, it will stick in the mud and have to be replayed.
(5) THE COMPUTER will take the same point of view as the player in determining the playability of a ball that has come to rest. If, after moving up closer, the ball is found to be in mud or water, the computer will place a small pad under the ball so the player can hit it. Just consider it a 'lucky bounce'.

METHODS OF PLAY

1 PLAYER

In this game you play alone, either against par or your own best score. You do NOT play against the computer.

2 OR MORE PLAYERS

(1) After each player has teed off on Hole 1, the player who is farthest away from the hole shoots first, the player who is next farthest away shoots second, etc. If, after your shot, you are still away (farthest from the hole), it is still your turn. You continue until you are no longer away.

(2) When a player has hit his ball and his turn is over, his ball will not appear on screen again until it is his turn.

(3) Decide the order in which players tee off when names are typed in at the beginning of the game. This order will determine which score readout is yours throughout the game. If you tee off second on Hole 1, the second readout will always indicate your score.

(4) After a hole has been played, the player with the lowest score on that hole tees off first on the next hole. This is called "having the honour". Since the score is kept on each hole, you will be able to determine from it who has the honour. The computer also keeps track and automatically changes the colour of the score readout for the player who has the honour.

METHODS OF SCORING

1 PLAYER AGAINST PAR

Compete against your best score and the golf course by trying to come in under par. Depending on the course, a very skilled player can score 10 – 20 strokes under par on eighteen holes.

2 OR MORE PLAYERS

MEDAL PLAY (Singles or Partners). Winner is determined by total of all strokes (points) for entire game. Low score wins.

MATCH PLAY (Singles or Partners). Each individual hole is awarded to the player or team with the lowest score on that hole. At game's end the player or team with the most holes won takes the game.

BEST BALL (Partners only). Method of scoring for either Medal or Match Play. Best score by either partner on a team is used as the team's score.

NOTE: If you decide on Match Play or Best Ball game, you will need to keep track of your scores on a separate sheet of paper. The computer does not keep score in this manner.

GAME TIPS

(1) Be sure to CHECK YOUR CLUB – Check to make sure the golf club you want to use is displayed. When you are making final direction adjustment, the golf club can sometimes change accidentally.

(2) Always go to the Driving Range before starting. This allows you to get the correct timing on your swing.

(3) Remember that the wind can make a substantial difference in your shot, especially short irons and your pitching wedge.

(4) Try to avoid hitting your ball onto the edge of the green far away from the hole. The greens are large with downhill and uphill breaks and if you are too far from the hole, you may require 2 putts to get to the hole. Remember: You MUST use your putter on the green.

(5) Be extra careful in judging distance over water. If your ball falls short and lands in the water, it'll cost you a distance penalty.

(6) Learn to use the hook and slice. They can be used to your advantage on difficult shots and when the wind is in play.

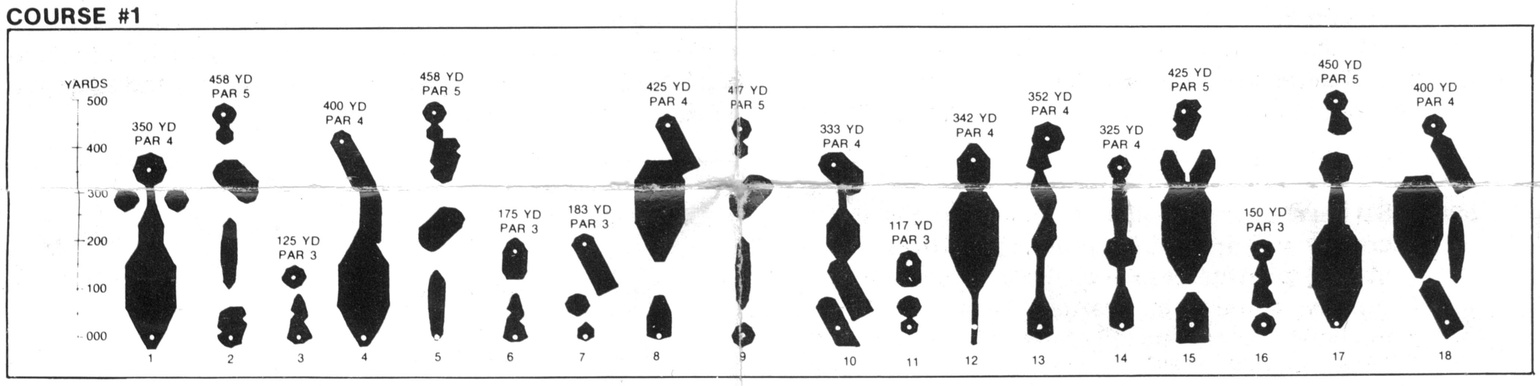
ADDITIONAL FEATURES

DRIVING RANGE – To get to the Driving Range Press (R) when the 'Select Player' screen appears. Exit by pressing (/).
ABORT FEATURE – You can return to the 'Select Player' screen from almost any point in the game by pressing (/). This will cancel the game in progress.
AUTOMATIC DEMO – If left unattended for one minute the computer will start the demo. You may start the automatic demo by pressing (D) from the 'Select Player' screen.
COURSE FEATURE – Pressing (H) while on any tee will take you to the next hole. This will, of course invalidate the scoring system.

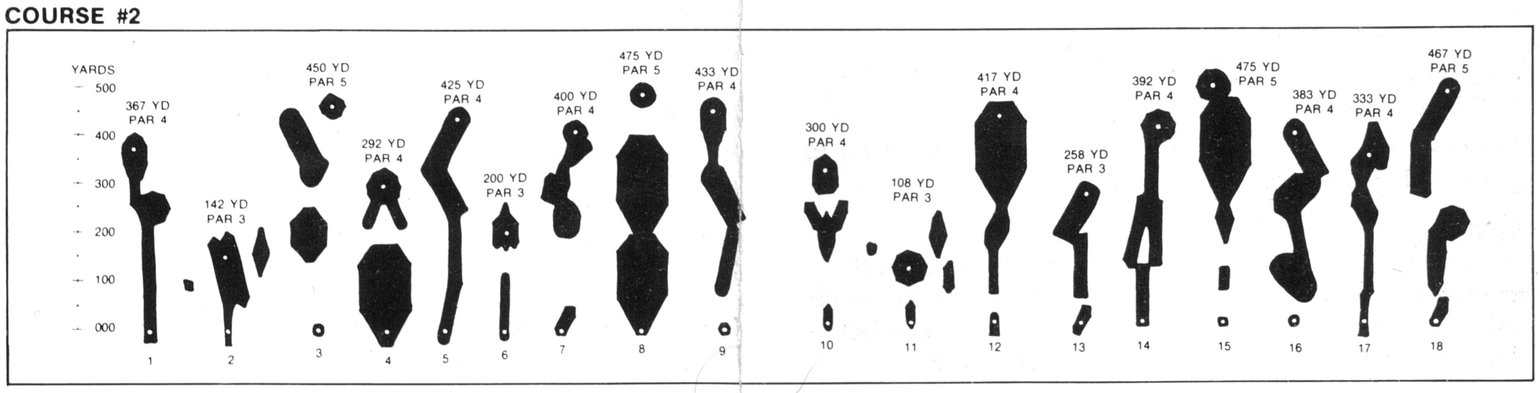
TROUBLE SHOOTING

IF YOUR SHOTS HAVE NO POWER – Either you are releasing the button too soon, too late, or not at all during the backswing. Press the button to start the swing and hold it down until the club is at the top (highest point) of the backswing and then release.
IF YOUR SHOTS CURVE BADLY LEFT OR RIGHT – You are not pressing the button just as the club hits the ball. Re-read the section on "Swinging The Club and Hitting The Ball" and practice your timing on the NOVICE level.
LOST SECURITY KEY – Replacement security keys are available for £5.00.

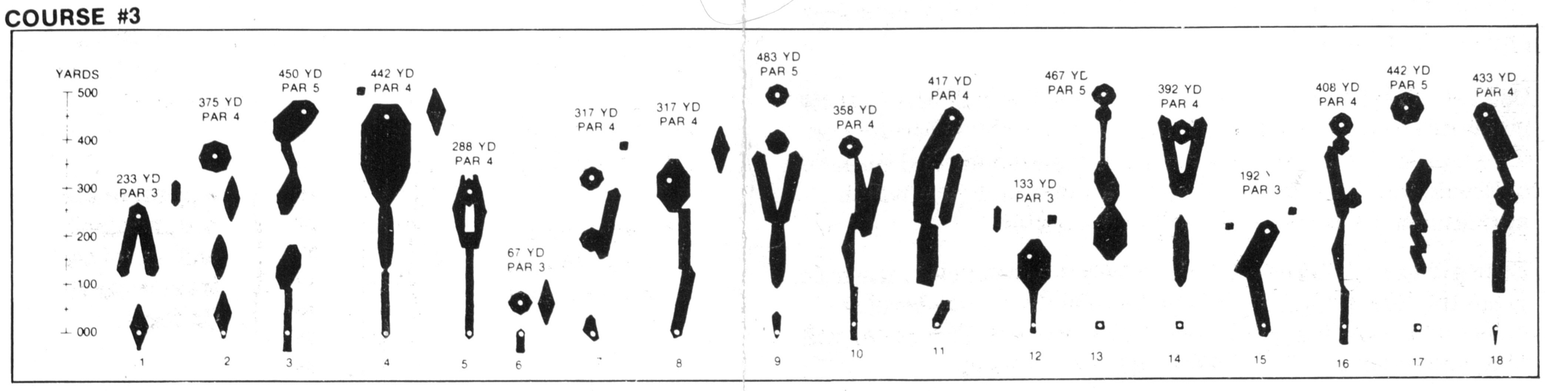
COURSE #1



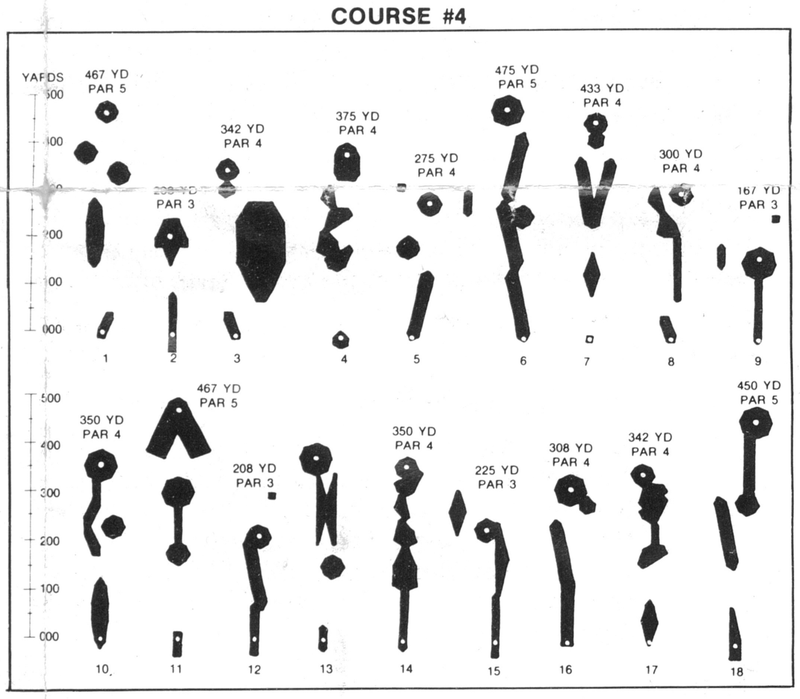
COURSE #2



COURSE #3



COURSE #4



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