

IMPROVE YOUR FG/KO SPECIALISTS IMMEDIATELY

Dan Lundy 4th Down University www.4thDownU.com

OBJECTIVES

- Practice Schedules
- Fundamentals/Processes:
 - Field Goal
 - Kickoff
 - Holding
- 'Indy' Drills
- Technical Adjustments
- Film Angles
- Visible Training (Barbasol)
- *LESS Variables = MORE Consistency



WEEKLY SCRIPT FG/KO

- Structures Specialists Practice
- Monitors Reps
- Promotes Low Stress Activity
- Minimizes KO Activity
- Addresses All Scenarios
- Film Daily, Review Meticulously
- See Notes For Drill Explanations

	Monday
Period 1 (5 Minutes)	No Step Drill w/out ball (5-10 reps)
Period 2 (10 Minutes)	No Step Drill w/ ball (10-15 reps)
Hydrate, Recover (5 Min	
Period 3 (5 Minutes)	One Step Drill w/out ball (5 reps)
Period 4 (15 Minutes) Hydrate, Recover (5 Min	One Step Drill w/ ball (10-15 reps)
Period 5 (5 Minutes)	Full Step FGs w/out ball, K reacts to holder's hand leaving spot (5 reps)
Period 6 (10 Minutes)	Full Step FGs w/ball, K reacts to holder's hand leaving spot (5-10 reps)
Hydrate, Stretch (5 Minu	
Period 7 (10 Minutes)	4 Step Kickoff Explosion Drill w/out ball (10 reps)
Period 8 (10 Minutes)	4 Step Kickoff Explosion Drill w/ ball (5 reps)
Hydrate, Recover (5 Min	
) Directional Kicks: Sky & Squib w/ & w/out ball (10 reps)
·	Tuesday
Period 1 (5 Minutes)	No Step Drill w/out ball (5-10 reps)
Period 2 (10 Minutes)	No Step Drill w/ ball (10-15 reps)
Hydrate, Recover (5 Min	
Period 3 (5 Minutes)	One Step Drill w/out ball (5 reps)
Period 4 (15 Minutes)	One Step Drill w/ ball (10-15 reps)
Hydrate, Recover (5 Min	
Period 5 (5 Minutes)	Full Step FGs w/out ball, K reacts to holder's hand leaving spot (5 reps)
Period 6 (10 Minutes)	Full Step FGs w/ ball, K reacts to holder's hand leaving spot (5-10 reps)
Hydrate, Stretch (5 Minu	
Period 7 (10 Minutes)	Kickoff Step Review w/out ball (10 reps)
Period 8 (10 Minutes)	Kickoffs w/ ball (3-6 reps)
Hydrate, Recover (5 Mir	
Period 9 (10-20 Minutes) Onside Kicks w/ Flyers: Emphasis = Timing, Scheme, Execution (5-10 reps)
	Wednesday
Period 1 (5 Minutes)	No Step Drill w/out ball (5 reps)
Period 2 (10 Minutes)	No Step Drill w/ ball (5-10 reps)
Hydrate, Recover (5 Mir	uutes)
Period 3 (5 Minutes)	One Step Drill w/out ball (5 reps)
Period 4 (10 Minutes)	One Step Drill w/ ball (5-10 reps)
Hydrate, Stretch (5 Minu	
Period 5 (30 Minutes)	Horseshoe Drill: 25, 30, 35, 40, 45 yard FGs (both hashes)
Period 6 (25 Minutes)	Sideline Drill w/ LS & Holder - Hurry Up Scenarios (5-10 reps)
Hydrate, Recover (5 Min	
Period 7 (20 Minutes)	Fire Drills (Bad Snaps & 'Fire' Call Situations)
	Thursday
Period 1 (5 Minutes)	No Step Drill w/out ball (5 reps)
Period 2 (10 Minutes)	No Step Drill w/ ball (5 reps max)
Hydrate, Recover (5 Mir	
Period 3 (5 Minutes)	One Step Drill w/out ball (5 reps)
Period 4 (10 Minutes)	One Step Drill w/ ball (5 reps max)
Hydrate, Recover (5 Mir	
Period 5 (5 minutes)	Kicker & Holder Pre-Snap Routine & Non-Verbal Communication Review
Period 6 (25 minutes)	Play Clock Drill: 30, 35, 40 yard FGs (both hashes)
Hydrate, Stretch (5 Minu Pariad 7 (5 Minutae)	
Period 7 (5 Minutes)	4 Step Kickoff Explosion Drill w/out ball (5 reps max)
Period 8 (5 Minutes)	Kickoff Steps w/out ball (5 reps)
Hydrate, Recover (5 Min Period 9 (20 Minutes)	Onside Kicks w/ Flyers (Emphasis on Timing & Kicking To Scheme's Target)
Period 9 (20 Minutes)	
	Friday
Period 1 (5 Minutes)	No Step Drill w/out ball (5 reps)
Period 2 (5 Minutes)	No Step Drill w/ ball: Final Leg Swing Review (5 reps max)
Hydrate, Recover (5 Min	
Period 3 (10 Minutes)	One Step Drill w/out ball: Focus on footwork for bad snaps/holds (5 reps)
Period 4 (10 Minutes)	Full Step FGs w/out ball: Focus on Stance & Start (5 reps)
Hydrate, Recover (5 Min	
Period 5 (20 Minutes)	Snap/Hold Review: Critique LS location & Holder's Spot Placement/Ball Lean
	Saturday
	Game Day - Execute

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FIELD GOALS

Essential Drills

- ✓ No Step (Lean)
- ✓ 1 Step (In Case)
- ✓ Full Step (Process)



Low Stress (No Step) — High Stress (Full Step)

NO STEP DRILL

- After Warm Up
- Kick Without Momentum
- Low Stress Activity
- Common Problems:
 - 1. Weight Distribution
 - 2. Foot Positioning
 - 3. Glute Usage
 - 4. Upper/Lower Body Disassociations
 - 5. Excessive Movements
 - 6. Kick-Side Resistance







NO STEP TENDENCIES



- Plant Depth/Width
- Wide/Narrow Base
- Convex/Concave Backside
- Drive Foot Location
- Heel Swing (Use Glute)
- Backswing Past Parallel
- High Heel (Low Trajectory)
- Toe Wrap = Ball Contact
- Crunch (Unnatural Torso)

NO STEP DRILL ANGLES











GLUTE ACTIVATION



KICKOMETRY

- Visual
- Personal (Lines)
- Objective
- Measurable
- Consistent

noun, plural **Kickometrics** [kick-om-eh-trix]: the measurements of kicking





1 STEP DRILL

- Mimics "Drive" Step
- Emphasis: Transition To Plant
- Less Stress Than Full Step FGs
- Prepares For Imperfect Operations
- Found: Mark Drive Step Of Full Step FG



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1 STEP DRILL: ADJUSTMENTS



- 90 Degree Rule
- Finding "Drive" Step
 - Kick 2-3 FGs, mark drive step on best rep
 - "Cliff" Theory: create momentum w/ jab step
- Kick-Side/Plant-Side Arm
 - Plant-Side Arm = start w/ slight raise
 - Kick-Side Arm = minimal movement
- Step Direction
 - Closed drive step tendency
 - Drive Step = open (ready to kick)





FULL STEP FG



- **1. Consistent Steps**
 - Back Steps (Use Arms)
 - Toe, Ball, Target Technique
 - Side Steps (Shoulder Width)
- 2. Stance
 - KS Shoulder Ball
 - Center-Line Plant
 - PS Foot Plant Line
- 3. Drive Step & Leg Swing
 - Open Drive Step (To Holder)
 - 'Parallel To Floor,' Backswing
- 4. Plant Spot & Weight Distribution



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FRONT-SIDE QUARTER ANGLE





DRIVE STEP R **LEG SWING**

"Parallel To Floor, Close The Door"

Backswing = Glute | **Downswing = Knee**





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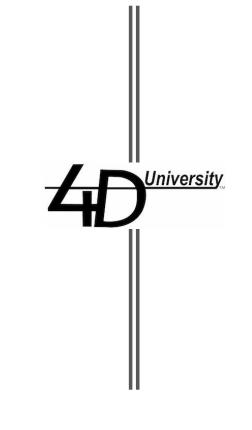
EXCESSIVE BACKSWING & DEEP PLANT

BACK-SIDE PLANT LINE ANGLE

LEFT-FOOTED K

RIGHT-FOOTED K







'DRY'

1 STEP FIELD GOAL

KICKOFF DRY RUN





С

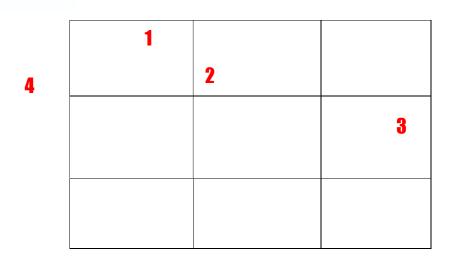
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A

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N

G



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Charted By: _____ Date: _____

Rep. #	Dist. & Hash	Op. Time	Snap (Location)	Hold/Spot (Location)	Result (G/NG)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Numbers correspond to height/location as ball passes plane of uprights

	Charted By: Date:					
Rep.	.# C	Dist. & Hash	Op. Time	Snap (Location)	Hold/Spot (Location)	Result (G/NG)
1.		41 / LH	1. 31	-	+	G
2.		45 / LH	1. 33	+	+	G
3.		49 / RH	1. 35	+	-	G
4.		51 / M	1. 38	-	-	NG
5.						
6.						
7.						
8.						
9.						
10						



KICKOFFS

- Most Violent Specialist Movement
- 1 KO = 1 85% Rep Max
- KO Plant = Narrow FG Plant
- KO = Aggressive FG w/ Hurdle
- Great Approach = Great KO
- KOs Require Entire Body

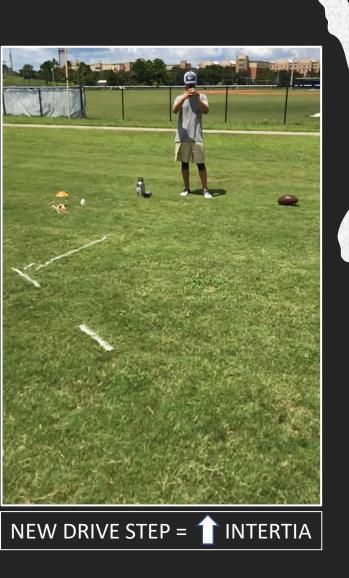


FIND KO STEPS

"Start Where You Want To Finish"

- 1. Start At Plant Spot
- 2. Simulate KO Rep (Away From Plant)
- 3. Approach Inside 45° (Narrow FG)
- 4. Swing When They Feel Comfortable
- 5. Mark Plant Spot
- 6. Mark Hurdle Gap
- 7. Common Steps: 10/6, 9/5, & 8/4





KICKOFF ADJUSTMENTS



KO PLANT = TIGHT FG PLANT



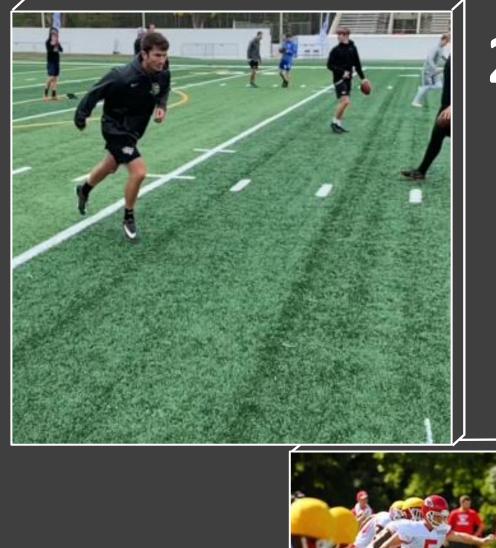
DRIVE STEP REFERENCES



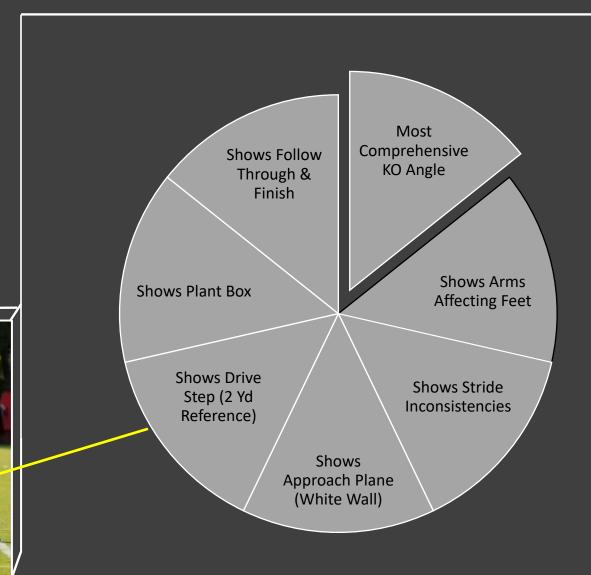
PLANT BOX



- Optimal Zone For KO Plant Spot
- Find It:
 - 1. Place Feet Parallel To KO Tee
 - 2. Feet Together, Toes Aligned To Front Of KO Tee)
 - 3. Box Out Perimeter Around Kicker's Feet (Barbasol)
 - 4. Widest Point Of Box Is
 - **Considered The Plant Box**



2 YARD KICK-SIDE ANGLE

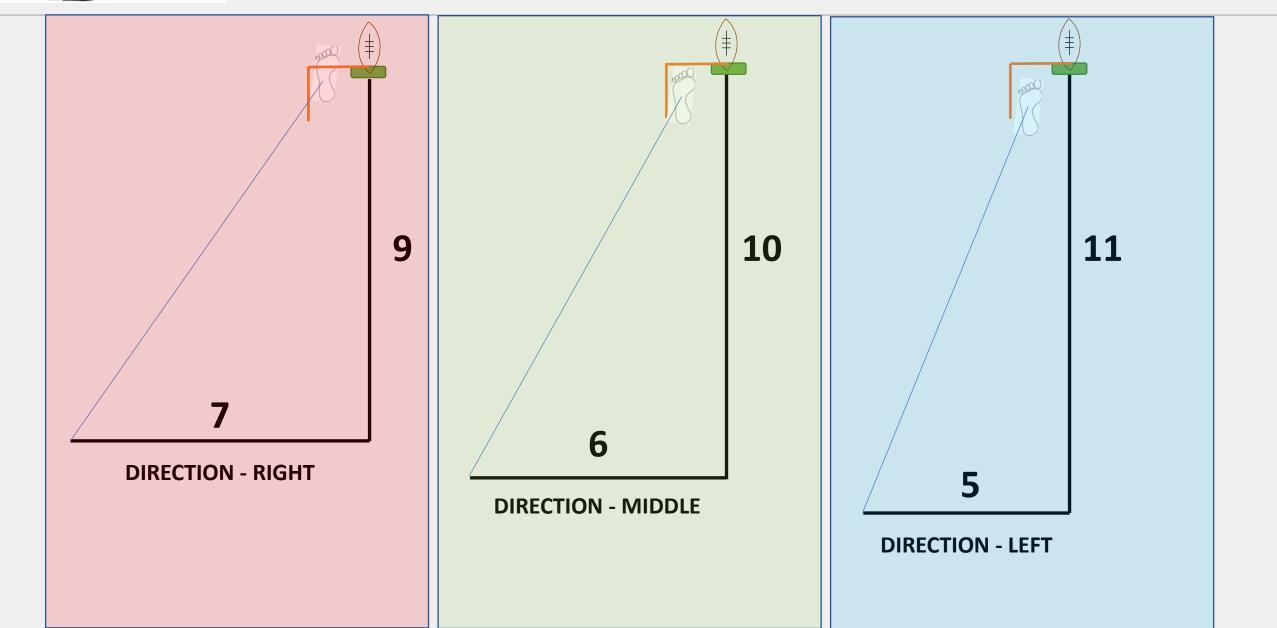






DIRECTIONAL KICKOFFS

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SKY/DIRECTION KO

ONSIDE KICK

SITUATIONAL KICKS

KO COMPETITION

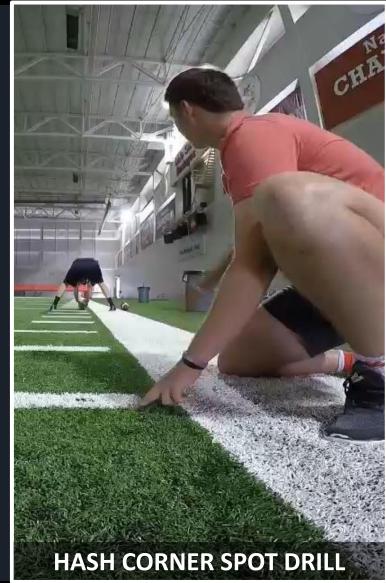
40 ^{oniversity}						
4 ⁸⁰⁺	3	⁸⁰⁺ 4	L.H. KICKOFF: FROM 35 YARD LINE REP DISTANCE HANG DIR. POINTS			
75 3702	1	75 	2 3 4 5			
2 ⁶⁵ 1	0	1 ⁶⁵ 2	6 Total Kickoff Points 0 *Calculate 5 Best Reps			
1 60 55	KICKOFF SCORING	⁶⁰ 1 55	R.H. KICKOFF: FROM 35 YARD LINE REP DISTANCE HANG DIR. POINTS 1 2 2			
50	DistancePoints0 - 49.50	50	3			
45	50 - 54.5 1 55 - 59.5 2 60 - 64.5 3	45	Total Kickoff Points 0 *Calculate 5 Best Reps			
40 35	60 - 64.5 5 65 - 69.5 4 70 + Yards 5	40 	M. KICKOFF: FROM 35 YARD LINE REP DISTANCE HANG DIR. POINTS 1 2			
30	Hang Time Points 0 - 3.69 0 3.7 - 3.79 1	30	2 3 3 4 5 5			
25	3.8 - 3.89 2 3.9 - 3.99 3	25	6 Total Kickoff Points 0 *Calculate 5 Best Reps			
20	4.0 - 4.09 4 4.1+ Seconds 5	20				

HOLDING

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DRILLS





"KICKERS ARE AS GOOD AS THEIR OPERATION"

University CONTACT INFORMATION

DAN LUNDY | FOUNDER OF 4TH DOWN UNIVERSITY

PHONE 386.453.8992

EMAIL 4thDownU@gmail.com WEBSITE 4thDownU.com

PODCAST 4th Down Focus <u>TWITTER</u> **@4thDownU**

LINKEDIN Dan Lundy