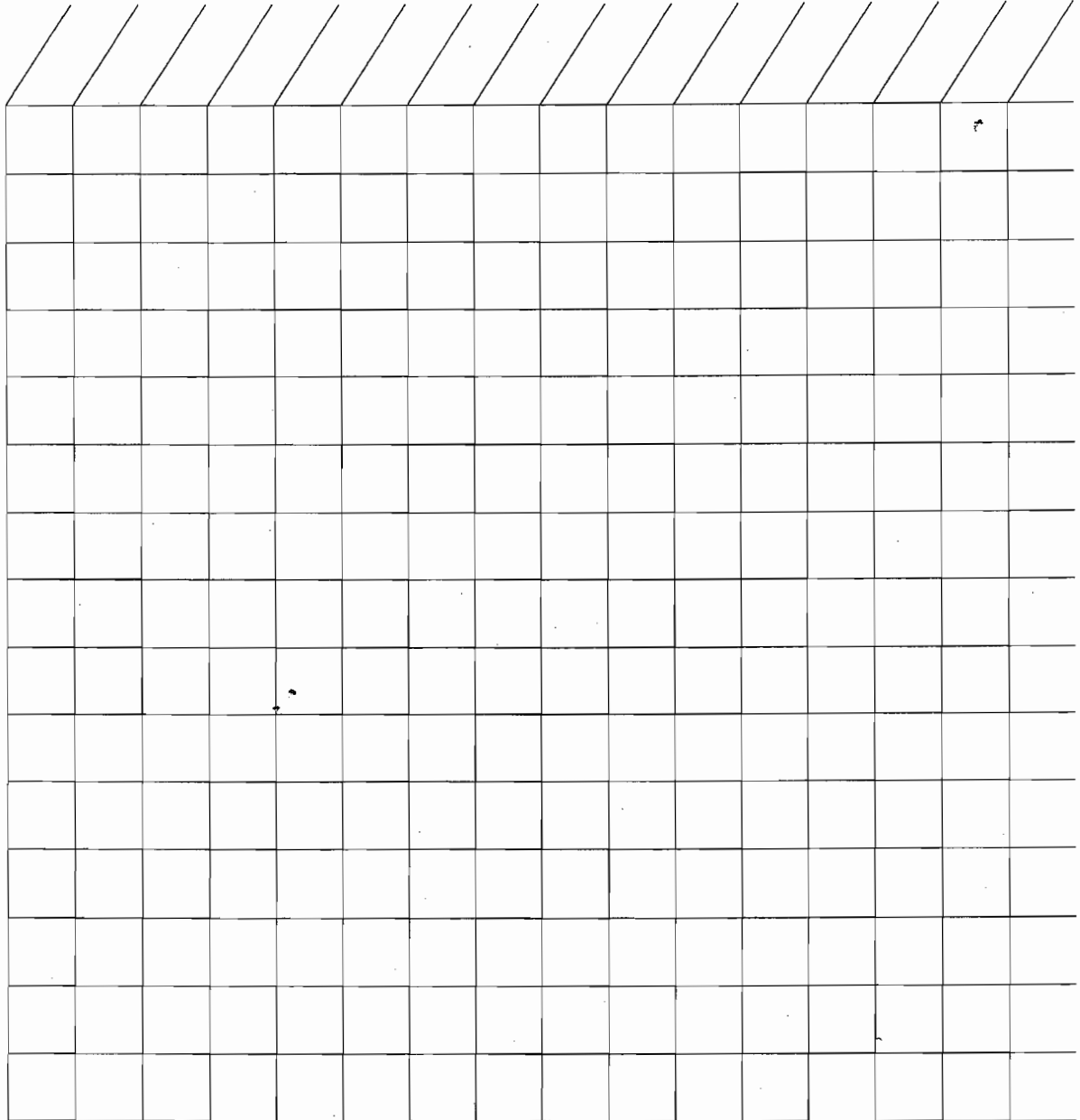


CAP Grid # _____
 Date: _____
 Mission #: _____
 Tail #: _____

Mission Pilot _____
 Pilot/Observer: _____
 Observer/Scanner: _____
 Observer/Scanner: _____



**COMMUNICATE TO THE HIGHBIRD/MISSION
 BASE THE FOLLOWING IN THIS ORDER:**

Sortie #: _____
 Grid #: _____
 Sectional _____
 Aircraft #: _____
 Take Off: _____
 In Grid _____
 Out of Grid _____
 Landing: _____
 Total Time: _____

Beginning Hobbs: _____ End Hobbs: _____
 Fuel (gals used): _____ Cost: \$ _____

TIME TO CROSS A QUARTER GRID (MINUTES)

Groundspeed (Knots)	70	80	90	100	110	120
Lenthwise	6:35	5:40	5:00	4:30	4:05	3:45
Crosswise	5:10	4:30	4:00	3:35	3:15	3:00

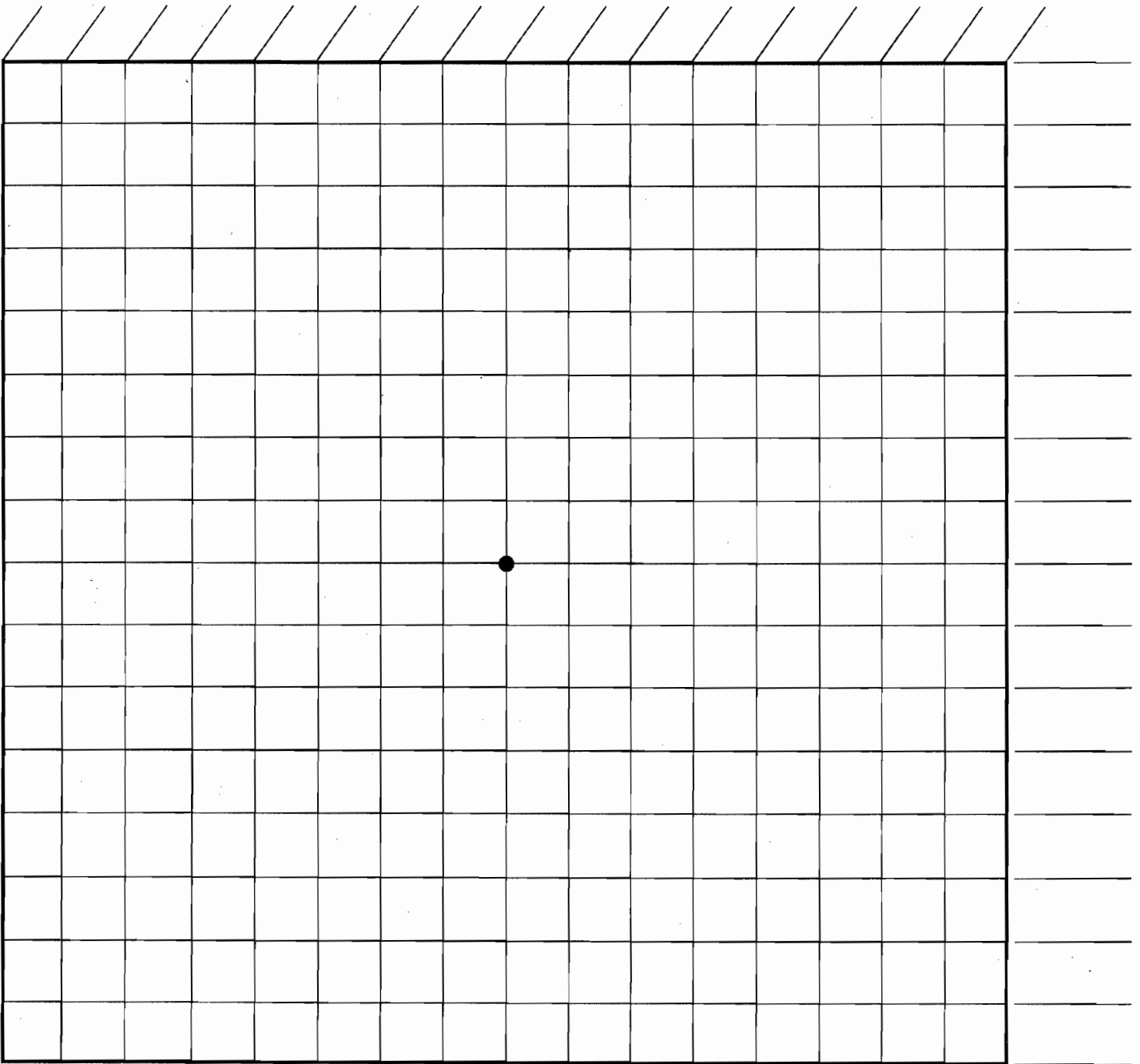
ANGLE OF BANK TO COMPLETE A 180 TRACK SPACING TURN

Track Spacing	.5 NM			1 NM			1.5 NM			
	TAS	80	90	100	80	90	100	80	90	100
Crosswind										
-20	5	8	12	2	4	6	1.5	3	4	
-10	13	17	22	6	9	11	4	6	8	
0	20	25	30	11	13	16	7	9	11	
10	28	33	37	15	18	21	10	14	18	
20	34	39	43	18	22	25	13	15	18	

Expanding Square Coordinates

Date: _____

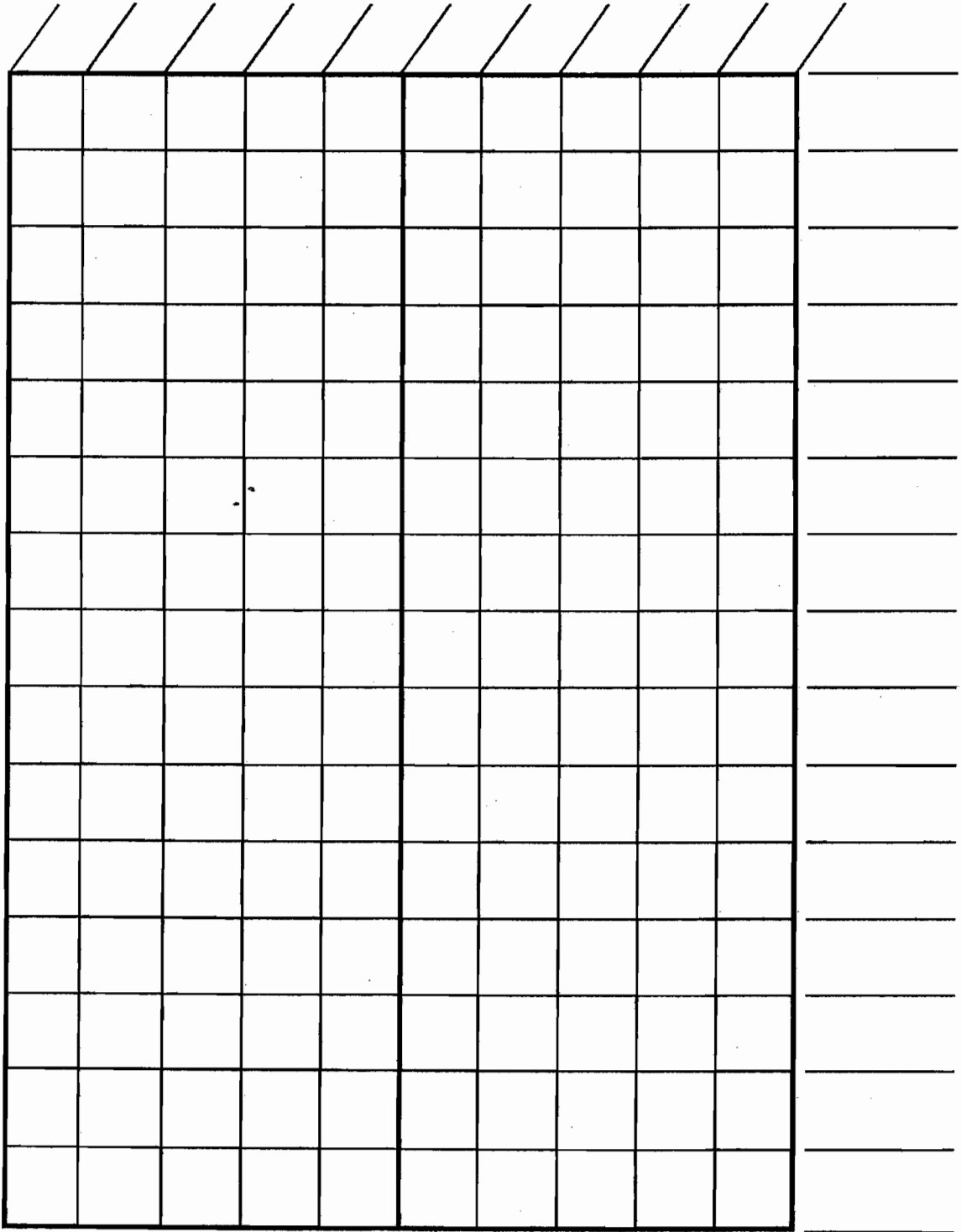
Sectional: _____ Grid #: _____
Entry Point: N _____ W _____
Exit Point: N _____ W _____



Creeping Line Coordinates

Date: _____

Sectional: _____ Grid #: _____
Entry Point: N _____ W _____
Exit Point: N _____ W _____



Mission Pilot Search Area Work Sheet

Date ___ / ___ / ___

A/C# _____ MISSION # _____
MSN PILOT: _____ SORTIE: _____
PILOT/OBS: _____ SECTIONAL: _____
OBS/SCN: _____ GRID: _____ A B C D
OBS/SCN: _____ CAP FLIGHT # _____
FREQUENCY _____

AIRPORT NAME: _____ CLEARANCE DEL: _____
CITY: _____ APPROACH: _____
IDENTIFIER: _____ TOWER: _____
AIRSPACE: _____ GROUND: _____
ELEVATION: _____ MSL DEPARTURE: _____
UNICOM FREQ: _____ FSS: _____ FREQ: _____
ATIS / AWOS / ASOS: _____ CTR: _____ FREQ: _____

HOBBS IN: _____ **TACH** IN: _____
OUT: _____ OUT: _____
TOTAL: _____ **TOTAL:** _____

CAP-MASF11

Observer/Scanner Search Area Work Sheet

Date ___ / ___ / ___

A/C # _____ SORTIE # _____
 MSN PILOT: _____ SECTIONAL: _____
 PILOT/OBS: _____ GRID # _____
 OBS/SCN: _____ CAP FLIGHT # _____
 OBS/SCN: _____ FREQUENCY _____

<i>SEARCH NUMBER</i>		<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>START</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____
<i>TAKEOFF</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____
<i>IN AREA</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____
<i>OUT OF AREA</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____
<i>LAND</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____
<i>SHUT DOWN</i>	<i>TIME</i>	_____	_____	_____	_____
	<i>HOBBS</i>	_____	_____	_____	_____