

# Apollo GX55 SAR Quick Reference Guide

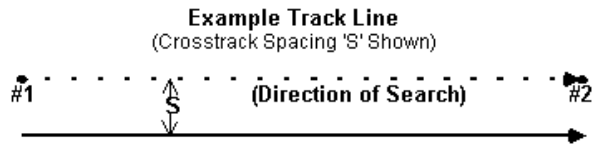
- ### SAR Setup - Basic
1. Press MAP
  2. Turn OK CCW to Map Setup Page
  3. Press SEL
  4. Press RTE to select 'Yes'
  5. Press ORI to select 'North'
  6. Press REF to select 'Plane'
  7. Press ENTER
  8. Turn IK CCW to SAR Position Page
  9. Press SEL
  10. Press LAT
  11. Turn IK to '30' (SE corner of nearest 10-deg Grid) for Base Latitude
  12. Press LON
  13. Turn IK to '80' (SE corner of nearest 10-deg Grid) for Base Longitude
  14. Press ENTER
  15. Turn IK CCW to SAR Map Setup Page
  16. Press SEL
  17. Press SAR to select 'On'
  18. Press GRD to select 'Basic'
  19. Press POS
  20. Turn IK to select 'NW'
  21. Press ENTER

- ### SAR Setup - US
1. Press MAP
  2. Turn OK CCW to Map Setup Page
  3. Press SEL
  4. Press RTE to select 'Yes'
  5. Press ORI to select 'North'
  6. Press REF to select 'Plane'
  7. Press ENTER
  8. Turn IK CCWx2 to SAR Map Setup Page
  9. Press SEL
  10. Press SAR to select 'On'
  11. Press GRD to select 'US'
  12. Press POS
  13. Turn IK to select 'STL, LUK, MEM, or ATL'
  14. Press ENTER

- ### Track Line Search
1. Press NAV - Press DB
  2. Turn OK and IK to Create User Waypoint #1 for Beginning of Line - Press ENTER
  3. Turn OK and IK to Create User Waypoint #2 for End of Line - Press ENTER
  4. Press FPL - Press SEL - Turn OK and IK to select User Waypoint #1 and #2 for Flight Plan Leg (Do Not Fly 'DIRECT-TO') - Press ENTER
  5. Press NAV - Turn OK to 'Parallel Track'
  6. Press SEL - Turn OK and IK to select Distance 'S' & Offset Position - Turn OK to 'USE' - Press ENTER
  7. Press MAP - Turn IK to select Scale
- \* Note Heading required to fly Bearing

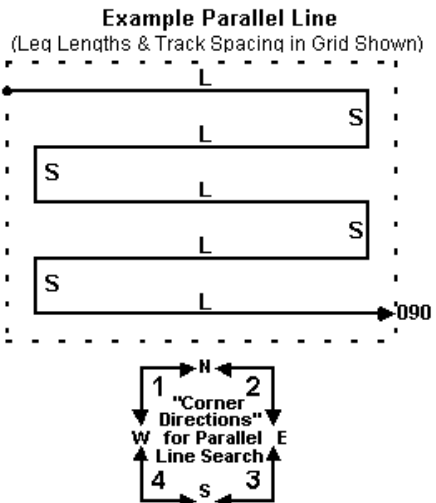
("OK" = Outer Knob, "IK" = Inner Knob)

**APPROX MIN/MILE**  
 LAT: 1.0 MIN/MILE  
 LONG: 1.2 MIN/MILE



- ### Parallel Line Search - Basic
1. Press MAP
  2. Turn OK CCWx2 to SAR Map Page
  3. Press PAT
  4. Turn IK to 'Parallel Line'
  5. Press ENTER
  6. Press SEL - Current Grid # Displayed
  7. Turn OK and IK to change degrees N & W of Base to SE corner of nearest 1-degree Grid
  8. Turn OK and IK to enter Sub-grid and Direction (eg, '48AA3') - Note: Limited to 15x15 or 30x30 Grid
  9. Turn OK to 'Spacing'
  10. Turn IK to enter Track Spacing
  11. Turn OK to 'Direction'
  12. Turn IK to enter Corner Dir.
  13. Press ENTER
  14. Press ENTER
  16. Turn IK to select Scale
  16. Press GRD to View Grid Lines

- ### Parallel Line Search - US
1. Press MAP
  2. Turn OK CCWx2 to SAR Map Page
  3. Press PAT
  4. Turn IK to 'Parallel Line'
  5. Press ENTER
  6. Press SEL - Current Grid # Displayed
  7. Turn OK and IK to change Grid # and Direction (eg, '137A1') - Note: Limited to 7.5x7.5 Grid
  8. Turn OK to 'Spacing'
  9. Turn IK to enter Track Spacing
  10. Turn OK to 'Direction'
  11. Turn IK to enter Corner Dir.
  13. Press ENTER
  12. Press ENTER
  14. Turn IK to select Scale
  15. Press GRD to View Grid Lines



G/S	Sec/Min		90-deg		90-deg	
	Knots	NM/Min	Long E/W	Lat N/S	E/W *	N/S *
60	1.0	60	49	60	0.26	0.32
70	1.2	51	42	51	0.30	0.37
80	1.3	46	37	46	0.35	0.42
90	1.5	40	33	40	0.39	0.48
100	1.7	36	29	36	0.43	0.53
110	1.8	33	27	33	0.48	0.58
120	2.0	30	25	30	0.52	0.64

\* Minutes of Long (E/W @ 40 deg) or Lat (N/S) Required for 90-deg SR Turn

